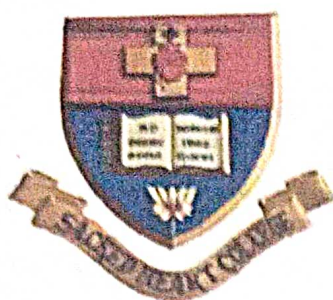


M.Sc CHEMISTRY PROJECT CH1020J

S. No	REG.NO	NAME	TOPIC
1	BP210401	MAGESH V	Cu(II), Ni(II) AND Co(II) COMPLEXES OF SALICYLALDIMINE-IMIDAZOLE-DICARBOHYDRAZONE SCHIFF BASE COMPLEXES BEARING TRIPHENYLPHOSPHINE CO-LIGANDS: SYNTHESIS, SPECTRAL CHARACTERIZATION AND PRELIMINARY CATALYTIC STUDIES ON TRANSFER HYDROGENATION OF CYCLOHEXANONE
2	BP210402	SARAN K	SYNTHESIS AND CHARACTERIZATION OF HETEROPOLYACID BASED COMPLEXES
3	BP210403	PARTHIBAN P	TRANSITION METAL SUBSTITUTED POLYOXOMETALATE HYBRID MATERIALS
4	BP210404	NAVEEN V	SYNTHESIS AND CHARACTERIZATION OF POLY ANILINE, POLY PARA AMINO BENZOIC ACID AND POLY VINYL PYRROLIDONE BASED COMPOSITE POLYMER ELECTROLYTE
5	BP210407	PAVITHRA G	SYNTHESIS OF HYDROXYAPATITE ASSISTED WITH PABA USING HYDROTHERMAL METHOD
6	BP210409	THENNARASI M	ONEPOT SYNTHESIS OF CdO NANOPARTICLES USING SESBANIA GRANDIFLORA PLANT EXTRACT
7	BP210410	SEVANTHI R	EVALUATION OF IMMUNOMODULATORY AND ANTIFUNGAL PROPERTIES OF NYCTANTHES ARBOTRISTIS AS ETHYL ACETATE EXTRACTS
8	BP210411	ARAVINDHAN V	SYNTHESIS AND CHARACTERISATION OF ORGANI-INORGANIC HYBRID MATERIALS

9	BP210412	HARIDHARANI T	SYNTHESIS AND CHARACTERIZATION OF ALDEHYDE TERMINAL Pincer MOLECULE
10	BP210413	SOWMIYA S	EXTRACTION FOR MYRISTICA FRAGANS AND SCREENING FOR BIOLOGICAL ACTIVITIES
11	BP210414	ALBERT P	SYNTHESIS, CHARACTERISATION AND ANTI- MICROBIAL STUDY OF VANADIUM DOPED PREYSSLER HETEROPOLYACID
12	BP210415	SUPAINBATHAMIZHAN P	SYNTHESIS AND CHARACTERIZATION OF PVP: PANI: PEG400 GEL POLYMER ELECTROLYTES
13	BP210416	VADAMALAI D	STUDIES ON POLYOXOMETALATES BASED COMPLEXES
14	BP210417	BALAJI K	SYNTHESIS, CHARACTERIZATION AND CATALYSIS OF Cu(II), Ni(II) AND Co(II) COMPLEXES OF 5-CHLOROSALICYLALDIMINE-IMIDAZOLE-DICARBOHYDRAZONE SCHIFF BASE COMPLEXES INCORPORATING TRIPHENYLPHOSPHINE COLIGANDS
15	BP210418	GOWTHAM R	GREEN SYNTHESIS OF ZINC OXIDE NANOPARTICLES USING CARCIA PAPAYA LEAF EXTRACT AND THEIR CHARACTERIZATION
16	BP210419	SARATH KUMAR J	SYNTHESIS AND CHARACTERIZATION OF 4-AMINOPHENOL APPENDED Ni(II) COMPARTMENTAL COMPLEX
17	BP210420	YASMEEN T H	PREPARATION AND CHARACTERIZATION OF POLYVINYL PYRROLIDONE ASSISTED HYDROXY APATITE BY ULTRASOUND METHOD
18	BP210421	THIRUMAL V	ECOFRIENDLY SYNTHESIS OF CADMIUM OXIDE NANOPARTICLES USING AN ACALYPHA INDICA
19	BP210422	GOKULA KRISHNAN R	CONCISING THE

			COMPUTATIONAL STUDY OF Cu (II) BASED COMPARTMENTAL COMPLEX FUNCTIONALISED WITH AMINE TERMINAL
20	BP210423	KAVIYARASU J	SOLUTION COMBUSTION SYNTHESIS OF BIMETALLIC DOPED CERIUM OXIDE NANOPARTICLES
21	BP210424	VISHVA A	GREEN SYNTHESIS OF Co ₃ O ₄ NANOPARTICLES USING LATEX FROM JATROPHA GOSSIPIFOLIA CHARACTERISATION AND THEIR ANTIBACTERIAL ACTIVITY
22	BP210425	PARIMALA P	BIOACTIVES FROM CLERODENDRUM VISCOSUM VENT FOR EFFECTIVE ANTI-INFLAMMATORY AND ANTI-FUNGAL POTENTIALS
23	BP210426	SANDHIYA M	MD SIMULATION OF AN ABC TRANSPORTER WITHOUT ATP
24	BP210427	LOGANATHAN R	TRITON X-100 ASSISTED SYNTHESIS OF Cu-Ag BIMETAL DOPED ZnO FOR RHODAMINE B DYE DEGRADATION APPLICATION
25	BP210428	PRIYANKA D	GREEN SYNTHESIS OF COPPER OXIDE NANOPARTICLES USING LEAF EXTRACT OF EXCOECARIA COCHINCHINENSIS
26	BP210429	VIMALA JAQULINE M	MD SIMULATION OF AN ABC TRANSPORTER WITHOUT ATP



PG & Research Department of Chemistry

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CERTIFICATE

This is to certify that the Thesis entitled "*Cu(II), Ni(II) and Co(II) complexes of Salicylaldimine- Imidazole-dicarbohydrazone Schiff base complexes bearing triphenylphosphine coligands: Synthesis, Spectral characterization and preliminary catalytic studies on transfer hydrogenation of cyclohexanone*" submitted to Sacred Heart College (Autonomous), Tirupattur- 635601 in partial fulfilment of the requirements for the award of the Degree of Master of Science in Chemistry is a record of original work done by **MAGESH V (BP210401)** during the period 2021-2023 of his study in the Department of Chemistry at Sacred Heart College (Autonomous), Tirupattur-635601 under my supervision and guidance and this dissertation has not formed the basis for the award of any degree/Diploma/Associateship/Fellowship or othersimilar title to any candidate in any university.

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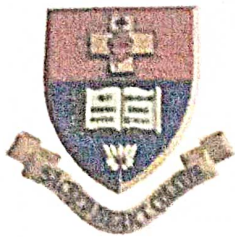
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This is to certify that the dissertation entitled "SYNTHESIS AND CHARACTERIZATION OF HETEROPOLYACID BASED COMPLEXES" submitted to Sacred Heart College (Autonomous), Tirupattur-635601 in partial fulfillment of the requirement for the award of the Degree of Master of Science in Chemistry is a record of original research work done by SARAN K during the period 2021-2023 of his study in the Department of Chemistry, Sacred Heart College (Autonomous), Tirupattur-635601, Tirupattur under my supervision and guidance. The dissertation has not formed the basis for the award of any degree/Diploma/Associate ship/Fellowship or other similar title to any candidate in any university.

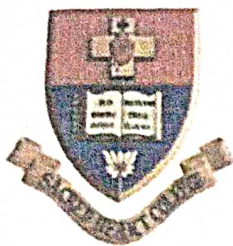
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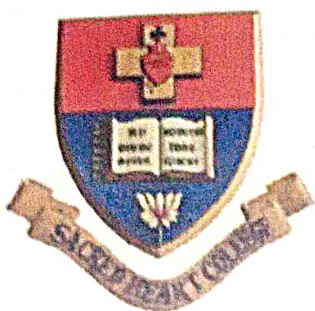

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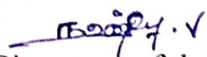
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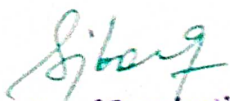
This is to certify that the Thesis entitled "*Synthesis and Characterization of Poly aniline, Poly para amino benzoic acid and Poly vinyl pyrrolidone Based Composite Polymer Electrolyte*" submitted to Sacred Heart College (Autonomous), Tirupattur- 635601 in partial fulfilment of the requirements for the award of the Degree of Master of Science in Chemistry is a record of original work done by **Naveen V (BP210404)** during the period 2021-2023 of his study in the Department of Chemistry at Sacred Heart College (Autonomous), Tirupattur-635601 under my supervision and guidance and this dissertation has not formed the basis for the award of any degree / Diploma / Associateship / Fellowship or othersimilar title to any candidate in any university.

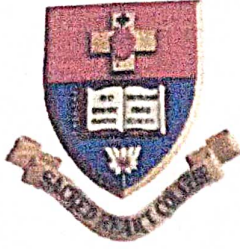

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CERTIFICATE

This is to certify that the dissertation entitled "SYNTHESIS OF HYDROXYAPATITE ASSISTED WITH PABA USING HYDROTHERMAL METHOD" submitted to Sacred Heart College (Autonomous), Tirupattur-635601 in partial fulfillment of the requirement for the award of the Degree of Master of Science in Chemistry is a record of original research work done by **PAVITHRA G** during the period 2021-2023 of her study in the Department of Chemistry, Sacred Heart College (Autonomous), Tirupattur-635601, Tirupattur under my supervision and guidance. The dissertation has not formed the basis for the award of any degree/Diploma/Associate ship/Fellowship or other similar title to any candidate in any university.

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This is to certify that the dissertation entitled "EVALUATION OF IMMUNOMODULATORY AND ANTIFUNGAL PROPERTIES OF NYCTANTHES ARBOTRISTIS AS ETHYL ACETATE EXTRACTS" submitted to Sacred Heart College (Autonomous), Tirupattur in partial fulfillment of the requirement for the award of the Degree of Master of Science in Chemistry is a record of original research work done by SEVANTHI.R (BP210410) during the period 2021-2023 of his study in the Department of Chemistry, Sacred Heart College (Autonomous), Tirupattur, under my supervision and guidance. The dissertation has not formed the basis for the award of any degree/Diploma/Associate ship/Fellowship or other similar title to any candidate in any university.

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Aravindan.V.

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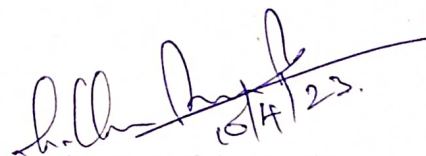


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This is to certify that the entitled "Synthesis and characterization of aldehyde terminal pincer molecule" submitted to SACRED HEART COLLEGE (Autonomous), Tirupattur, Tirupattur District-635601, in partial fulfillment of the requirements for the award of the degree of Master of Science in Chemistry is a record of original research work done by **HARIDHARANI T (BP201412)** during the period 2021-2023 of her study in the post graduate and research department of chemistry at Sacred Heart College (Autonomous), Tirupattur 635601, under my supervision and guidance and this dissertation has not formed the basis for the award of any degree/ Diploma/ Associate ship/ Fellowship or similar title to any candidate of any College University.

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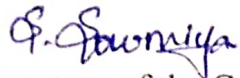

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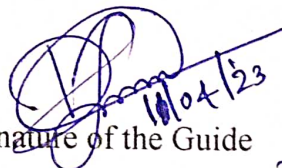


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This is to certifying that the dissertation entitled "*Synthesis, Characterization and Anti-microbial Study of Vanadium Doped Preyssler Heteropolyacids*" submitted to Sacred Heart College (Autonomous), Tirupattur, in partial fulfillment of the requirements for the award of the Degree of Master of Science in chemistry is a record of original research work done by **ALBERT P (BP210414)** during the period 2021-2023 of his study in the Department of Chemistry at Sacred Heart College (Autonomous), Tirupattur- 635 601 under my supervision and guidance. The dissertation has not formed the basis for the award of any degree/ Diploma/ Associateship/ Fellowship or other similar title to any candidate in any university.

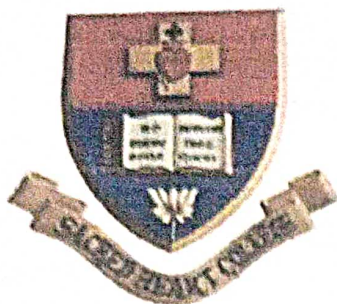
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This is to certify that the Thesis entitled "*Synthesis and Characterization of PVP: PANI: PEG₄₀₀ Gel Polymer Electroytes*" submitted to Sacred Heart College (Autonomous), Tirupattur- 635601 in partial fulfilment of the requirements for the award of the Degree of Master of Science in Chemistry is a record of original work done by **SUPAINBATHAMIZHAN P (BP210415)** during the period 2021-2023 of his study in the Department of Chemistry at Sacred Heart College (Autonomous), Tirupattur-635601 under my supervision and guidance and this dissertation has not formed the basis for the award of any degree/Diploma/Associateship/Fellowship or othersimilar title to any candidate in any university.

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CERTIFICATE

This is to certify that the dissertation entitled "STUDIES ON POLYOXOMETALATES BASED COMPLEXES" submitted to Sacred Heart College (Autonomous), Tirupattur-635 601 in partial fulfillment of the requirement for the award of the Degree of Master of Science in Chemistry is a record of original research work done by **VADAMALAI D** during the period 2021-2023 of his study in the Department of Chemistry, Sacred Heart College (Autonomous), Tirupattur, -635 601 under my supervision and guidance. The dissertation has not formed the basis for the award of any degree/Diploma/Associate ship/Fellowship or other similar title to any candidate in any university.

D. Vadamalai.

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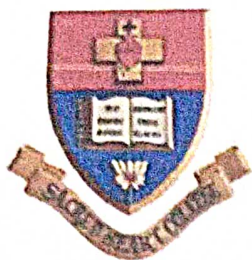
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This is to certify that the dissertation entitled “Synthesis, Characterization and Catalysis of Cu(II), Ni(II) and Co(II) complexes of 5-chlorosalicylaldehyde- imidazole-dicarbohydrazone schiff base complexes incorporating triphenylphosphine ligands” submitted to Sacred Heart College (Autonomous), Tirupattur-635 601 in partial fulfillment of the requirement for the award of the Degree of Master of Science in Chemistry is a record of original research work done by **BALAJI K (BP210417)** during the period 2021-2023 of his study in the Department of Chemistry, Sacred Heart College (Autonomous), Tirupattur, Vellore-635601 under my supervision and guidance. The dissertation has not formed the basis for the award of any degree/Diploma/Associateship/Fellowship or other similar title to any candidate in any university.

K. R. L. J.

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This is to certify that the dissertation entitled "**Green synthesis of zinc oxide nanoparticles using carica papaya leaf extract and their characterization**" submitted to Sacred Heart College (Autonomous), Tirupattur-635 601 in partial fulfillment of the requirement for the award of the Degree of Master of Science in Chemistry is a record of original research work done by **GOWTHAM R** during the period 2021-2023 of his study in the Department of Chemistry, Sacred Heart College (Autonomous), Tirupattur(Dt) 635 601 under my supervision and guidance. The dissertation has not formed the basis for the award of any degree/Diploma/Associate ship/Fellowship or other similar title to any candidate in any university.

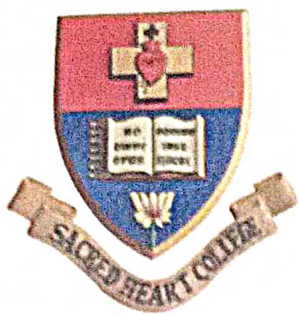
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V. CHANDRASEKHAR
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External Examiner

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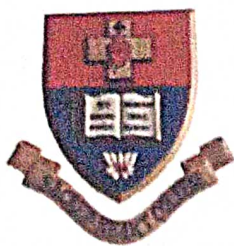
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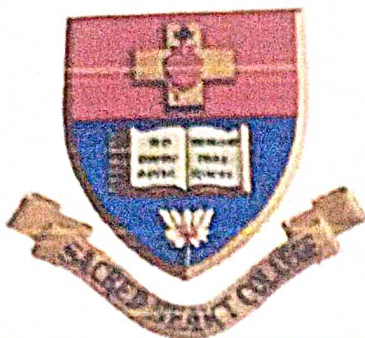
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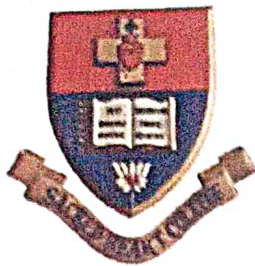
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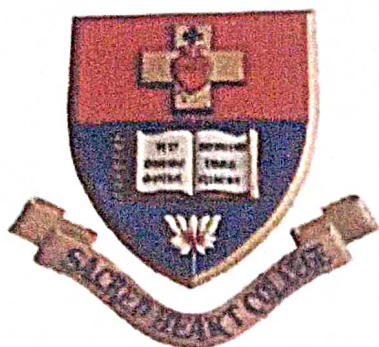
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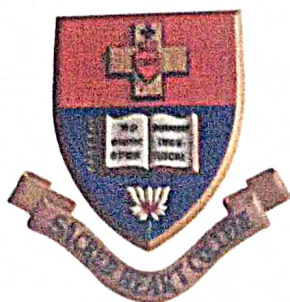
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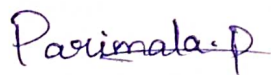
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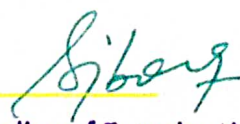

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This is to certify that the dissertation entitled "TRITON X-100 ASSISTED SYNTHESIS OF Cu-Ag BIMETAL DOPED ZnO FOR RHODAMINE B DYE DEGRADATION APPLICATION" submitted to Sacred Heart College (Autonomous), Tirupattur-635 601 in partial fulfilment of the requirement for the award of the Degree of Master of Science in Chemistry is a record of original research work done by LOGANATHIAN R during the period 2021-2023 of his study in the Department of Chemistry, Sacred Heart College (Autonomous), Tirupattur, -635 601 under my supervision and guidance. The dissertation has not formed the basis for the award of any degree/Diploma/Associateship/Fellowship or other similar title to any candidate in any university.

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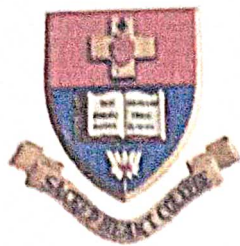
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This is to certify that the dissertation entitled "**GREEN SYNTHESIS OF COPPER OXIDE NANOPARTICLES USING LEAF EXTRACT OF EXCOECARIA COCHINCHINENSIS** " submitted to Sacred Heart College (Autonomous), Tirupattur-635 601 in partial fulfillment of the requirement for the award of the Degree of Master of Science in Chemistry is a record of original research work done by **PRIYANKA D (BP210428)** during the period 2021-2023 of her study in the Department of Chemistry, Sacred Heart College (Autonomous), Tirupattur, -635 601 under my supervision and guidance. The dissertation has not formed the basis for the award of any degree/Diploma/Associate ship/Fellowship or other similar title to any candidate in any university.

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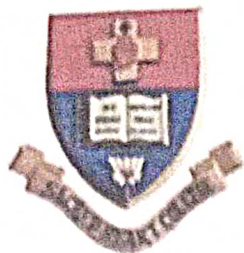
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