



Kuvempu University

SAHYADRI SCIENCE COLLEGE, SHIMOGA-577 203

(A Constituent College of Kuvempu University)

Phone:08182-240435

E-mail:sahyadriscience@gmail.com

Web: www.kussc.ac.in

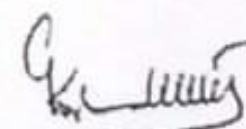
STUDENT PROJECTS

CERTIFICATE

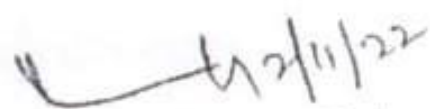
This is to certify that the project work entitled "SYNTHESIS AND ANTIBACTERIAL ACTIVITY OF TRANSITION METAL COMPLEXES WITH BENZOTHAZOLE - DERIVED SCHIFF BASES" submitted by MALLIKA BANU N.R for the award of the degree of MASTER OF SCIENCE IN CHEMISTRY-2022 is based on the practical work carried out by her under my supervision. The project or any part thereof has not been previously submitted for any other degree/diploma either to this or any other University.

Place: Shivamogga

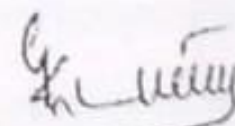
Date: 4/11/2022



Dr. G Krishnamurthy
Head of the department of chemistry

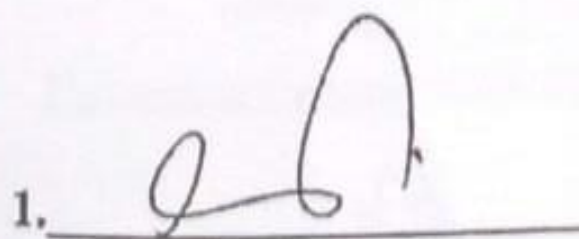


Dr. Shreekantha S.A.
M.Sc., M. Phil., Ph.D.
Signature of PG Coordinator
Department of P.G. Studies
and Research in Chemistry
Sahyadri Science College
Shimoga

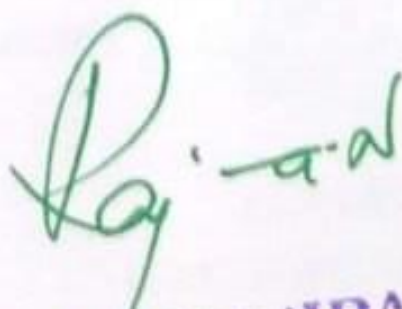


Dr. G Krishnamurthy
Signature of HOD
M.Sc., M. Phil., Ph.D.
H.O.D.
SHIVAMOGGA 577 203

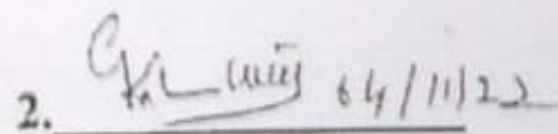
Examiners name with signature

1. 

Dr. Vittal Rao. K.S
Dept. of Chemistry
Sahyadri Science College,
Shimoga.



PRINCIPAL
SAHYADRI SCIENCE COLLEGE
(Constituent College of Kuvempu University)
SHIMOGA, Karnataka State.

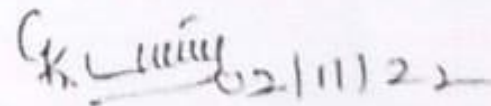
2.  6/4/11/22

CERTIFICATE

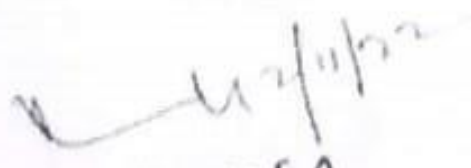
This is to certify that the project work entitled "Synthesis and spectral characterization of azo-Schiff base and Its transition metal complexes, screening carried out against antibacterial activity" submitted by THRUPTHI M S for the award of the degree of MASTER OF SCIENCE IN CHEMISTRY-2022 is based on the practical work carried out by her under my supervision. The project or any part thereof has not been previously submitted for any other degree/diploma either to this or any other University.

Place: Shivamogga

Date: 04/11/22


Dr. G Krishnamurthy

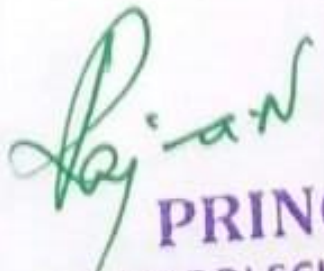
Head of the Department of Chemistry

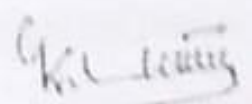

Dr. Shreekantha S.A.
Signature of PG Coordinator

Co-ordinator
Department of P.G Studies
and Research in Chemistry
Sahyadri Science College
Shimoga

Examiners name with signature


Dr. Vittal Rao. K.S.
Dept. of Chemistry
Sahyadri Science College,
Shimoga.


PRINCIPAL
SAHYADRI SCIENCE COLLEGE
(Constituent College of Kuvempu University)
SHIMOGA, Karnataka State.

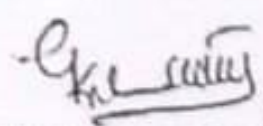

Dr. G. Krishnamurthy
Signature of H.O.D., Ph.D.,
H.O.D. of Chemistry
Sahyadri Science College
SHIVAMOGGA-577 203

CERTIFICATE

This is to certify that the project work entitled "STRUCTURAL CHARACTERIZATION & ANTHELMINTIC ACTIVITY & INVESTIGATION ON Co(II), Ni(II) & Cu(II) COMPLEXES DERIVED N'-(3-HYDROXYBENZOYL)FURAN-2-CARBOHYDRAZIDE" submitted by SHEHANAZ S for the award of the degree of MASTER OF SCIENCE IN CHEMISTRY-2022 is based on the practical work carried out by her under my supervision. The project or any part thereof has not been previously submitted for any other degree/diploma either to this or any other University.

Place: Shivamogga

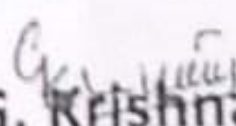
Date: 04/11/22

 02/11/22

Dr. G Krishnamurthy
Head of the department of chemistry


Dr. Shreekanta S.A.
M.Sc., M.Phil., Ph.D.

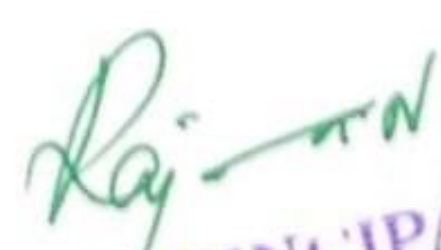
Signature of PG Coordinator
Department of P.G. Studies
and Research in Chemistry
Sahyadri Science College
Shimoga

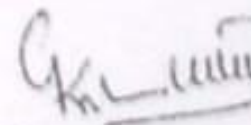

Dr. G. Krishnamurthy
Signature of HOD
M.Sc., M.Phil., Ph.D.,
H.O.D. of Chemistry
Sahyadri Science College
SHIVAMOGGA-577 203

Examiners name with signature

1.


Dr. Vittal Rao. K.S
Dept. of Chemistry
Sahyadri Science College,
Shimoga.


PRINCIPAL
SAHYADRI SCIENCE COLLEGE
(Constituent College of Kuvempu University)
SHIMOGA, Karnataka State.

 04/11/22

Certificate

This is to certify that the project work entitled "Investigation on Co(II), Ni(II) complexes 8-[(E)-(4-chlorophenyl)diazenyl]-7-hydroxy-4-methyl-2H-chromen-2-one: structural characterization and Anthelmintic activity" submitted by SINDHU S for the award of the degree of MASTER OF SCIENCE IN CHEMISTRY-2022 is based on the practical work carried out by her under my supervision. The project or any part thereof has not been previously submitted for any other degree/diploma either to this or any other University.

Place: Shivamogga

Date: 4/11/2022

Parameshwara Nalk P.
Dr. Parameshwara Nalk P.

M.Sc., Ph.D.

Associate Professor

Department of Chemistry

Sahyadri Science College, Kuvempu University,
Shivamogga-577 203, Karnataka, INDIA.

Shreekantha S.A.
Dr. Shreekantha S.A.

M.Sc., M.Phil., Ph.D.

Co-ordinator

Signature of Co-ordinator
Studies and Research in Chemistry
Sahyadri Science College
Shimoga

G. Krishnamurthy
Dr. G. Krishnamurthy

M.Sc., M.Phil., Ph.D.

H. Signature of HOD

Sahyadri Science College
SHIVAMOGGA-577 203

Examiners name with signature

Dr. Vittal Rao D.K.S.
Dr. Vittal Rao D.K.S.
Dept. of Chemistry
Sahyadri Science College,
Shimoga.

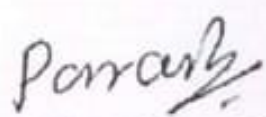
Principals
PRINCIPAL
SAHYADRI SCIENCE COLLEGE
(Constituent College of Kuvempu University)
SHIMOGA, Karnataka State.

Certificate

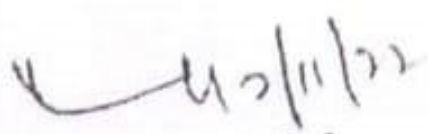
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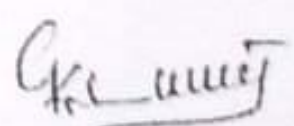
Place: Shivamogga

Date:

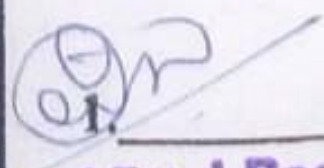

Dr. Parameshwara Naik P.
M.Sc., Ph.D.

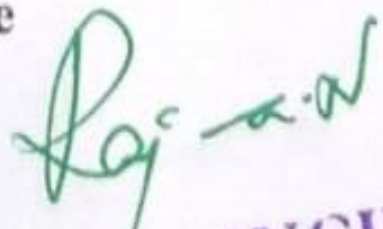
Associate Professor
Department of Chemistry
Sahyadri Science College, Kuvempu University
Shivamogga-577 203, Karnataka, INDIA.


Dr. Shreekanta S.A.
M.Sc., M.Phil., Ph.D.
Co-ordinator
Signature of B.G. Co-ordinator
Studies and Research in Chemistry
Sahyadri Science College
Shimoga


Dr. G. Krishnamurthy
M.Sc., M.Phil., Ph.D.,
H.O.D. of Chemistry
Sahyadri Science College
SHIVAMOGGA-577 203

Examiners name with signature


Dr. Vittal Rao K.R.
Dept. of Chemistry
Sahyadri Science College,
Shimoga.


PRINCIPAL
SAHYADRI SCIENCE COLLEGE
(Constituent College of Kuvempu University)
SHIMOGGA, KARNATAKA STATE.



Certificate

This is to certify that the project work entitled "Investigation on Co(II), Ni(II) complexes derived 4-[(E)-(4-chlorophenyl)diazenyl]-3-methyl-1-phenyl-1H-pyrazol-5-ol : structural characterization and Anthelmintic activity" submitted by NANDINI NADIG K for the award of the degree of **MASTER OF SCIENCE IN CHEMISTRY-2022** is based on the practical work carried out by her under my supervision. The project or any part thereof has not been previously submitted for any other degree/diploma either to this or any other University.

Place: Shivamogga

Date:

P. Narash
Guide
Dr. P. Narashwara Naik P.
M.Sc., Ph.D.
Associate Professor
Department of Chemistry
Sahyadri Science College, Kuvempu University
Shivamogga-577 203, Karnataka, INDIA.

[Signature]
Dr. Shreekantha S.A.
M.Sc., M.Phil., Ph.D.
Co-ordinator
Department of PG Studies
and Research in Chemistry
Sahyadri Science College
Shimoga

[Signature]
Dr. G. Krishnamurthy
M.Sc., M.Phil., Ph.D.,
Signature of HOD
H.O.D. of Chemistry
Sahyadri Science College
SHIVAMOGGA-577 203

Examiners name with signature

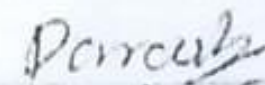
[Signature]
Dr. Vittal Rao. K.S
Dept. of Chemistry
Sahyadri Science College,

[Signature]
PRINCIPAL
SAHYADRI SCIENCE COLLEGE.
(Constituent College of Kuvempu University)
SHIMOGA, Karnataka State.



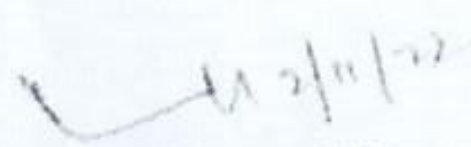
CERTIFICATE

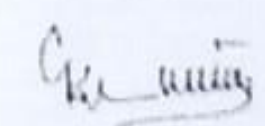
This is to certify that the project work entitled "Synthesis, spectroscopic studies of a tridentate azo-schiff base ligand and their transition metal complexes" submitted by Bindhu K.G for the award of the degree of MASTER OF SCIENCE IN CHEMISTRY-2022 is based on the practical work carried out by her under my supervision. The project or any part thereof has not been previously submitted for any other degree/diploma either to this or any other University.


Dr. Parameshwara Naik P.
M.Sc., Ph.D.
Associate Professor
Department of Chemistry
Sahyadri Science College, Kuvempu University
Shivamogga-577 203, Karnataka, INDIA.

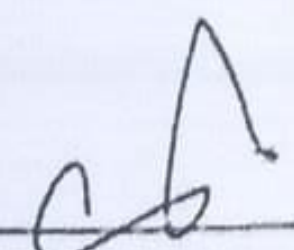
Place: Shivamogga

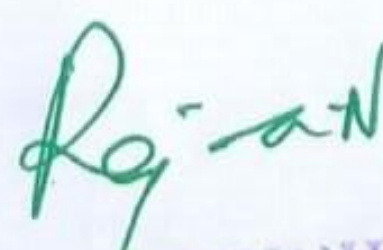
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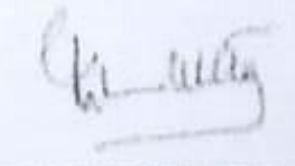

Dr. Shreekantha S.A.
Signature of PG Co-ordinator
M.Sc., Ph.D.
Department of P.G. Studies
and Research in Chemistry
Sahyadri Science College
Shimoga


Dr. G. Krishnamurthy
Signature of HOD
M.Sc., Ph.D.
try
Sahyadri Science College
SHIVAMOGGA-577 203

Examiners name with signature

1. 



2. 


Dr. Vittal Rao. K.S.
Dept. of Chemistry
Sahyadri Science College,
Shimoga.

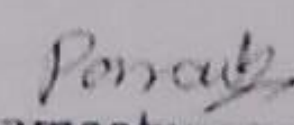
PRINCIPAL
SAHYADRI SCIENCE COLLEGE
(Constituent College of Kuvempu University)
SHIMOGA, Karnataka State.

Certificate

This is to certify that the project work entitled "Investigation on Co(II), Ni(II) complexes derived (2E)-2-[(4-bromophenyl)amino]-4-methyl-2H-Chromen-7-ol : structural characterization and Anthelmintic activity" submitted by BHOOMIKA C P for the award of the degree of MASTER OF SCIENCE IN CHEMISTRY-2022 is based on the practical work carried out by her under my supervision. The project or any part thereof has not been previously submitted for any other degree/diploma either to this or any other University.

Place: Shivamogga

Date:

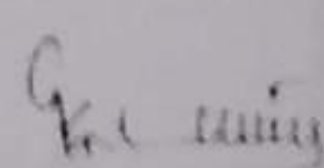

Dr. Parameshwara Naik P.
M.Sc., Ph.D.

Associate Professor
Department of Chemistry
Sahyadri Science College, Kuvempu University
Shivamogga - 577 203, Karnataka, INDIA

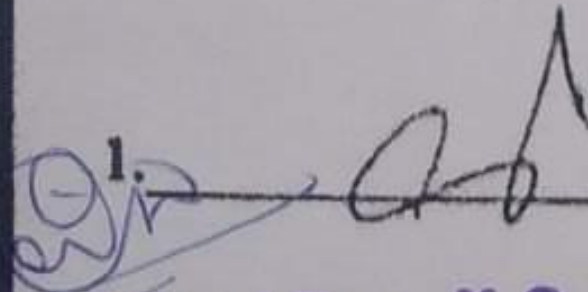

Dr. Shreekanth S.A.
M.Sc., M.Phil., Ph.D.

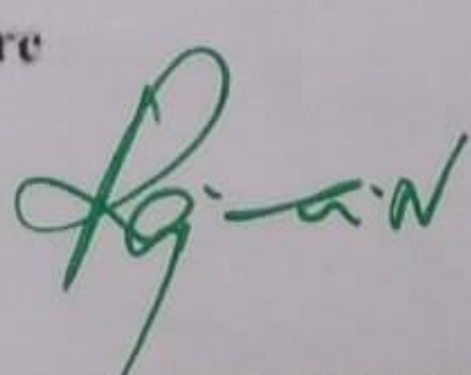
Co-ordinator
Department of Chemistry
Sahyadri Science College
Shivamogga

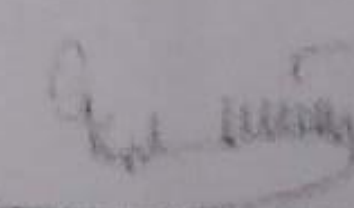
Signature of PPS Coordinator


Dr. G. Krishnamurthy
M.Sc., M.Phil., Ph.D.
Signature of HOD
Sahyadri Science College
SHIVAMOGGA-577 203

Examiners name with signature

1. 
Dr. Vittal Rao. K.S.
Dept. of Chemistry
Sahyadri Science College,


PRINCIPAL
SAHYADRI SCIENCE COLLEGE
(Constituent College of Kuvempu University)
SHIMOGA, Karnataka State.

2. 



Certificate

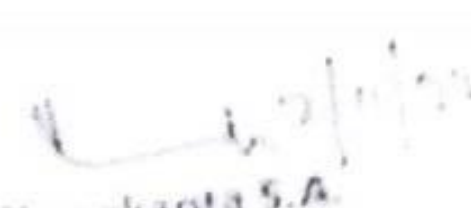
This is to certify that the project work entitled "Synthesis and spectral characterization of novel 2-amino benzothiazole substituted Fe(II) Phthalocyanine" submitted by Dhanraj K B for the award of the degree of MASTER OF SCIENCE IN CHEMISTRY-2022 is based on the practical work carried out by her under my supervision. The project or any part of there work has not been previously submitted for any other degree/diploma either to this or any other University.

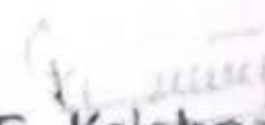
Place: Shivamogga

Date: 5/11/22

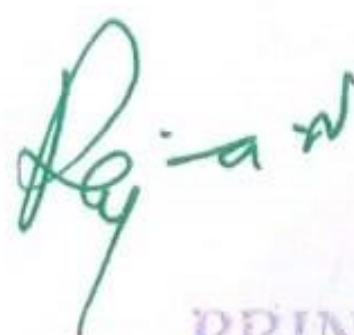

Dr. K P Latha
Professor

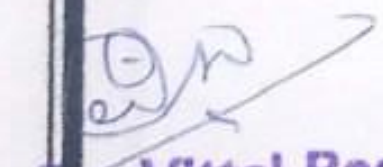
Department of PG Studies &
Research in Chemistry


Dr. Shreekantha S.A.
Co-ordinator
Signature of PG Coordinator
and Research
Sahyadri Science College
Shimoga


Dr. G. Krishnamurthy
H.O.D. Chemistry
Signature of HOD
SHIVAMOGGA-577 203

Examiners name with signature




Dr. Vittal Rao, K.S.
Dept. of Chemistry
Sahyadri Science College,
Shimoga.

PRINCIPAL

SAHYADRI SCIENCE COLLEGE
(Constituent College of Kuvempu University)
SHIMOGA, Karnataka State.



CERTIFICATE

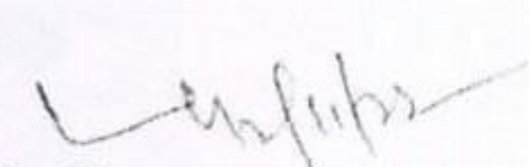
This is to certify that the project work entitled "SYNTHESIS AND STRUCTURAL CHARACTERISATION OF NANOSIZED POLYANILINE DOPED WITH CaO NANOPARTICLE" submitted by Ganga H R for the award of the degree of MASTER OF SCIENCE IN CHEMISTRY-2022 is based on the practical work carried out by her under my supervision. The project or any part of their work has not been previously submitted for any other degree/diploma either to this or any other University.

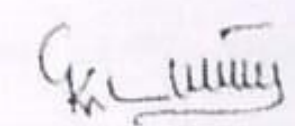
Place: Shivamogga

Date: 3/11/2022

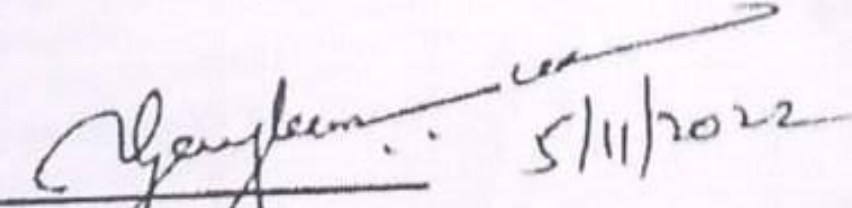

Dr. K.P. Latha
Professor

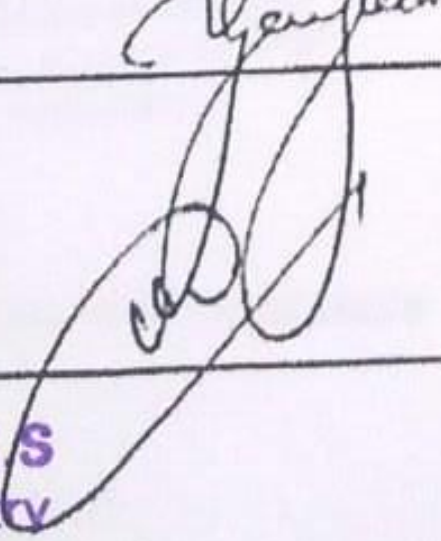
Department of PG Studies &
Research in Chemistry
Sahyadri Science College
Shivamogga

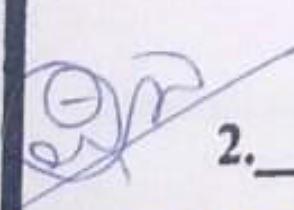

Dr. Shreekanth S.A.
Signature of P.G. Coordinator
Co-ordinator
Department of P.G. Studies
and Research in Chemistry
Sahyadri Science College
Shimoga

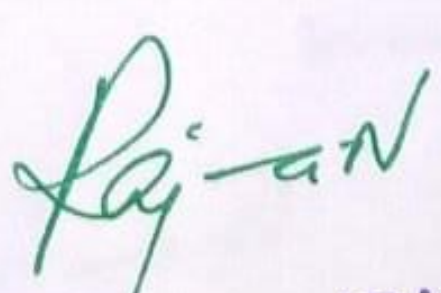

Signature of HOD
Dr. G. Krishnamurthy
M.Sc., M.Phil., Ph.D.,
H.O.D. of Chemistry
Sahyadri Science College
SHIVAMOGGA - 577 203

Examiners name with signature

1.  5/11/2022

2. 


Dr. Vittal Rao. K.S
Dept. of Chemistry
Sahyadri Science College,
Shimoga.


PRINCIPAL
SAHYADRI SCIENCE COLLEGE
(Constituent College of Kuvempu University)
SHIMOGA, Karnataka State.

Certificate

This is to certify that the project work entitled "Synthesis and spectral characterization of novel 2-amino benzothiazole substituted Co(II) Phthalocyanine" submitted by Shashank S R for the award of the degree of MASTER OF SCIENCE IN CHEMISTRY-2022 is based on the practical work carried out by her under my supervision. The project or any part of there work has not been previously submitted for any other degree/diploma either to this or any other University.

Place: Shivamogga

Date: 3/11/22

Dr. K.P. Latha

Professor

Department of PG Studies &
Research in Chemistry

Dr. Shreekanth S. R.

Co-ordinator

Signature of Dr. K.P. Latha
Head of Department
Department of PG Studies &
Research in Chemistry
Sahyadri Science College
Shimoga

Dr. G. K. V. S. S. S.

Signature of Dr. K.P. Latha

Signature of Dr. K.P. Latha
Head of Department
Department of PG Studies &
Research in Chemistry
Sahyadri Science College
Shimoga

Examiners name with signature

Dr. Vittal Rao, K.S.
Dept. of Chemistry
Sahyadri Science College
Shimoga.

PRINCIPAL

SAHYADRI SCIENCE COLLEGE

(Constituent College of Kuvempu University)

SHIMOGA, Karnataka State.

Certificate

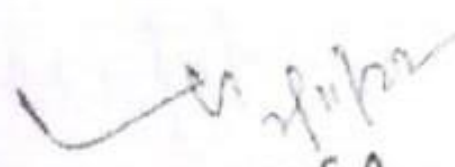
This is to certify that the project work entitled "Synthesis and spectral characterization of novel 2-amino benzothiazole substituted Ni(II), Cu(II) Phthalocyanine" submitted by Kavya H.S for the award of the degree of MASTER OF SCIENCE IN CHEMISTRY-2022 is based on the practical work carried out by her under my supervision. The project or any part of there work has not been previously submitted for any other degree/diploma either to this or any other University.

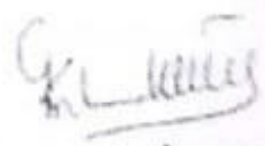
Place: Shivamogga

Date: 05/11/2022

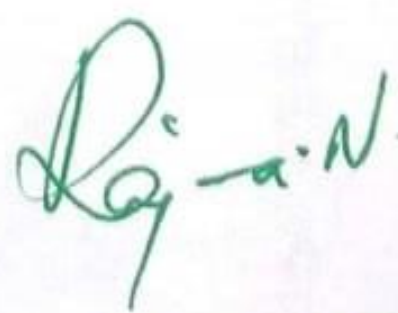

Dr. K.P. Latha
Professor

Department of PG Studies &
Research in Chemistry


Dr. Shreekanta S.A.
M.Sc., M.Phil., Ph.D.
Co-ordinator
Signature of PG Coordinator
Department of PG Studies
and Research in Chemistry
Sahyadri Science College
Shimoga


Dr. G. Krishnamurthy
M.Sc., M.Phil., Ph.D.,
H.O.D. of Chemistry
Sahyadri Science College
Signature of HOD
SHIVAMOGGA-577203

Examiners name with signature




Dr. Vittal Rao. H.S.
Dept. of Chemistry
Sahyadri Science College,


PRINCIPAL
SAHYADRI SCIENCE COLLEGE
(Constituent College of Kuvempu University)
SHIMOGA, Karnataka State.

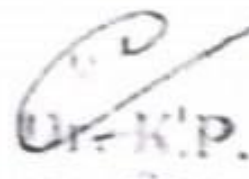


CERTIFICATE

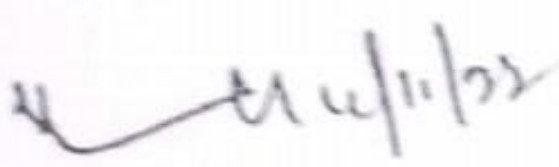
This is to certify that the project work entitled "EXTRACTION OF BIOFUEL USING WASTE PLASTICS" submitted by MUSKAN KHANUM for the award of the degree of MASTER OF SCIENCE IN CHEMISTRY-2022 is based on the practical work carried out by her under my supervision. The project or any part thereof has not been previously submitted for any other degree/diploma either to this or any other University.

Place: Shivamogga

Date: 5/11/2022

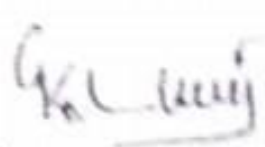

Dr. K.P. Latha

Guide
Department of Chemistry and Research in Chemistry
Sahyadri Science College
Shivamogga-577 203, Karnataka, India


Signature of PG Coordinator
Dr. Shreekantha S.A.

M.Sc., M.Phil., Ph.D.
Co-ordinator
Department of P.G. Studies
and Research in Chemistry
Sahyadri Science College
Shivamogga

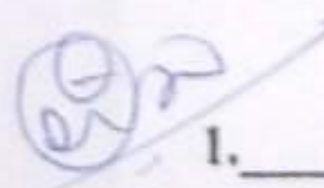
Examiners name with signature


Signature of HOD

Dr. G. Krishnamurthy

M.Sc., M.Phil., Ph.D.
H.O.D. of Chemistry
Sahyadri Science College
SHIVAMOGGA-577 203


PRINCIPAL
SAHYADRI SCIENCE COLLEGE
(Constituent College of Kuvempu University)
SHIMOGGA, Karnataka State.

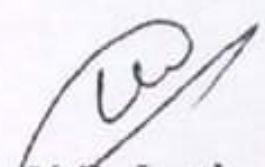

1. Dr. Vittal Rao. K/S
Dept. of Chemistry
Sahyadri Science College,
Shivamogga.

CERTIFICATE

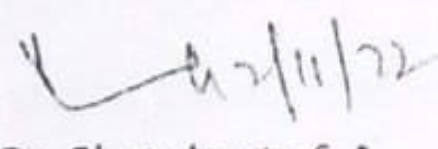
This is to certify that the project work entitled "SYNTHESIS AND STRUCTURAL CHARACTERISATION OF NANOSIZED POLYANILINE EMBEDDED WITH Al_2O_3 NANOPARTICLE" submitted by Pruthvi A S for the award of the degree of MASTER OF SCIENCE IN CHEMISTRY-2022 is based on the practical work carried out by her under my supervision. The project or any part of their work has not been previously submitted for any other degree/diploma either to this or any other University.

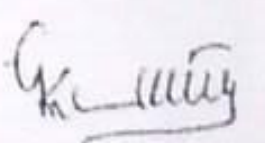
Place: Shivamogga

Date: 03/05/2022

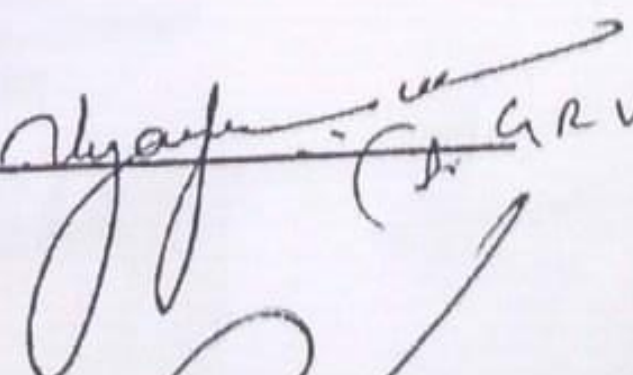

Dr. K.P. Latha
Professor

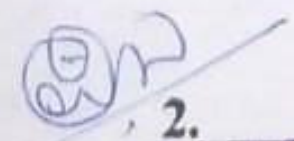
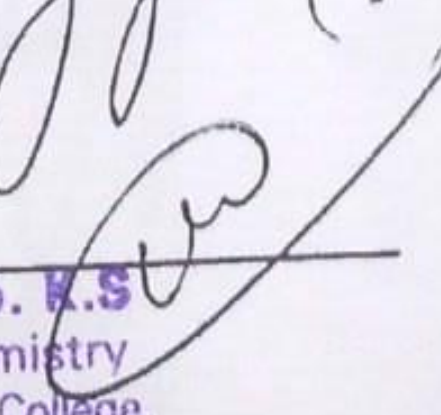
Department of PG Studies &
Research in Chemistry
Sahyadri Science College
Shivamogga

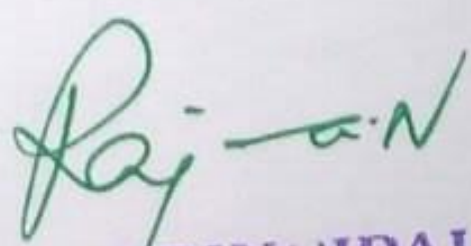

Dr. Shreekantha S.A.
M.Sc., M.Phil., Ph.D.
Signature of PG Coordinator
Department of PG Studies
and Research in Chemistry
Sahyadri Science College
Shivamogga

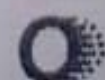

Signature of HOD
Dr. G. Krishnamurthy
M.Sc., M.Phil., Ph.D.,
H.O.D. of Chemistry
Sahyadri Science College
SHIVAMOGGA-577 203

Examiners name with signature

1. 
(Dr. G.R. Vithal Kumar)
5/11/2022


2. 
Dr. Vittal Rao K.S.
Dept. of Chemistry
Sahyadri Science College,
Shimoga.


PRINCIPAL
SAHYADRI SCIENCE COLLEGE
(Constituent College of Kuvempu University)
SHIMOGA, Karnataka State.



KUVEMPU UNIVERSITY

DEPARTMENT OF PG STUDIES AND RESEARCH IN CHEMISTRY
SAHYADRI SCIENCE COLLEGE, SHIVAMOGGA - 577203

CERTIFICATE

This is to certify that the project work entitled *Synthesis, Characterization and Biological activities of Azo-Coumarin derivative of metal complexes* submitted by Mr. NANDISH N P for the degree of Master of Science in Chemistry is the result of work carried out by her in the Department of PG Studies and Research in Chemistry, Sahyadri Science College, Shivamogga, A Constituent College of Kuvempu University, under my guidance during 2021-2022 and it has not formed the basis for the award of any diploma or degree of this University or else were before.

Guide

Dr. Vittal Rao K.S.
M.Sc. in Chemistry
Department of PG Studies
and Research in Chemistry
Sahyadri Science College
Shivamogga

Co-ordinator

Dr. Shreekanth S.A.
M.Sc. in Chemistry
Co-ordinator
Department of PG Studies
and Research in Chemistry
Sahyadri Science College
Shivamogga

HOD of Chemistry

Dr. G. Krishnakumary
M.Sc. in Chemistry
H.O.D. of Chemistry
Sahyadri Science College
SHIVAMOGGA-577 203

External Examiner

Dr. Vittal Rao K.S.
M.Sc. in Chemistry
Dept. of Chemistry
Sahyadri Science College
Shivamogga

Internal Examiner

PRINCIPAL
SAHYADRI SCIENCE COLLEGE
(Constituent College)
SHIVAMOGGA, KARNATAKA STATE.

KUVEMPU UNIVERSITY

DEPARTMENT OF PG STUDIES AND RESEARCH IN CHEMISTRY
SAHYADRI SCIENCE COLLEGE, SHIVAMOGGA - 577203

CERTIFICATE

This is to certify that the project work entitled Synthesis, Characterization and Biological activities of Azo-Acetophenone derivative of metal complexes" submitted by Mr. MANU N C for the degree of Master of Science in Chemistry is the result of work carried out by her in the Department of PG Studies and Research in Chemistry, Sahyadri Science College, Shivamogga, A Constituent College of Kuvempu University, under my guidance during 2021-2022 and it has not formed the basis for the award of any diploma or degree of this University or else were before.

Guide

Dr. Yuvaraj T.C.M.
M.Sc., M.Phil., Ph.D.
Co-ordinator
Department of P.G. Studies
and Research in Industrial
Chemistry
Sahyadri Science College
Shimoga.

Co-ordinator

Dr. Shreekanta S.A.
M.Sc., M.Phil., Ph.D.
Co-ordinator
Department of P.G. Studies
and Research in Chemistry
Sahyadri Science College
Shimoga

HOD of Chemistry
Dr. G. Krishnamurthy

M.Sc., M.Phil., Ph.D.

H.O.D. of Chemistry
Sahyadri Science College
SHIVAMOGGA-577 203

External Examiner

Internal Examiner

Date: 05-11-2022
Dept. of Chemistry
Place: Shivamogga,
Shimoga.

PRINCIPAL
SAHYADRI SCIENCE COLLEGE
(Constituent College of Kuvempu University)
SHIMOGA, Karnataka State.

KUVEMPU



UNIVERSITY

DEPARTMENT OF PG STUDIES AND RESEARCH IN
CHEMISTRY

SAHYADRI SCIENCE COLLEGE, SHIVAMOGGA – 577203

CERTIFICATE

This is to certify that the project work entitled "*Interference free detection of dihydroxybenzene isomers at Rhodamine B modified carbon paste electrode*" submitted by Miss. SANNIDHI U S for the degree of Master of Science in Chemistry is the result of work carried out by her in the Department of PG Studies and Research in Chemistry, Sahyadri Science College, Shivamogga, A Constituent College of Kuvempu University, under my guidance during 2021-2022 and it has not formed the basis for the award of any diploma or degree of this University or else were before.

Guide

Dr. Yuvaraj T.C.M

M.Sc., M.Phil., Ph.D.

Co-ordinator

Department of P.G. Studies
and Research in Industrial
Chemistry
Sahyadri Science College
Shimoga

Co-ordinator

Dr. Shreekanta S.A.

M.Sc., M.Phil., Ph.D.

Co-ordinator

Department of P.G. Studies
and Research in Chemistry
Sahyadri Science College
Shimoga

External Examiner

5/11/2022

Dr. Vittal Rao. K.S

Date: 05-11-2022

Place: Shivamogga
Shimoga

Internal Examiner

05/11/22

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SAHYADRI SCIENCE COLLEGE
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SHIMOGA, Karnataka State.



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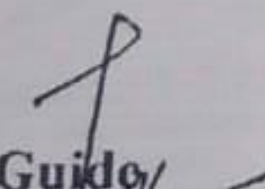
KUVEMPU UNIVERSITY

DEPARTMENT OF PG STUDIES AND RESEARCH IN
CHEMISTRY

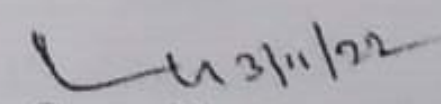
SAHYADRI SCIENCE COLLEGE, SHIVAMOGGA – 577203

CERTIFICATE

This is to certify that the project work entitled "**Poly (L-Ornithine) sensor for norepinephrine and paracetamol: a voltammetric method**" submitted by Miss. RAJASHREE M S for the degree of Master of Science in Chemistry is the result of work carried out by her in the Department of PG Studies and Research in Chemistry, Sahyadri Science College, Shivamogga, A Constituent College of Kuvempu University, under my guidance during 2021-2022 and it has not formed the basis for the award of any diploma or degree of this University or else were before.

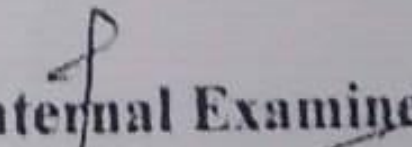

Guide

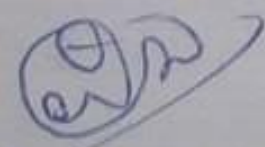
Dr. Yuvaraj A.C.M.
M.Sc., M.Phil., Ph.D.
Co-ordinator
Department of P.G. Studies
and Research in Industrial
Chemistry
Sahyadri Science College
Shimoga.

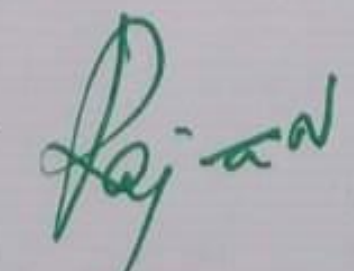

Co-ordinator

Dr. Shreekanta S.A.
M.Sc., M.Phil., Ph.D.
Co-ordinator
Department of P.G. Studies
and Research in Chemistry
Sahyadri Science College
Shimoga.

External Examiner


Internal Examiner


Date: 05-11-2022
Dent. of Chemistry
Place: Shivamogga
Sahyadri Science College,
Shimoga.


PRINCIPAL
SAHYADRI SCIENCE COLLEGE
(Constituent College of Kuvempu University)
SHIMOGA, KARNATAKA

KUVEMPU



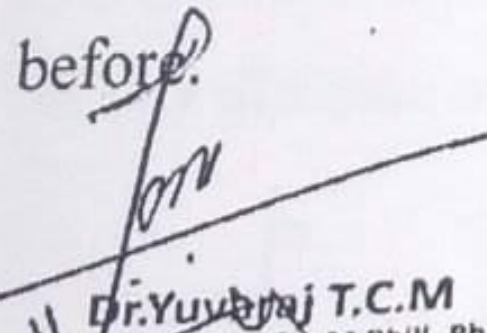
UNIVERSITY

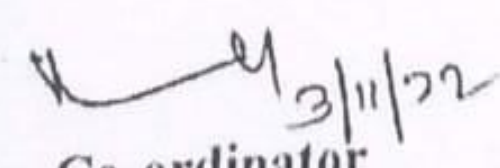
DEPARTMENT OF PG STUDIES AND RESEARCH IN
CHEMISTRY

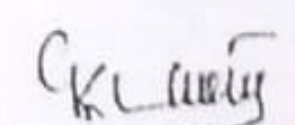
SAHYADRI SCIENCE COLLEGE, SHIVAMOGGA – 577203

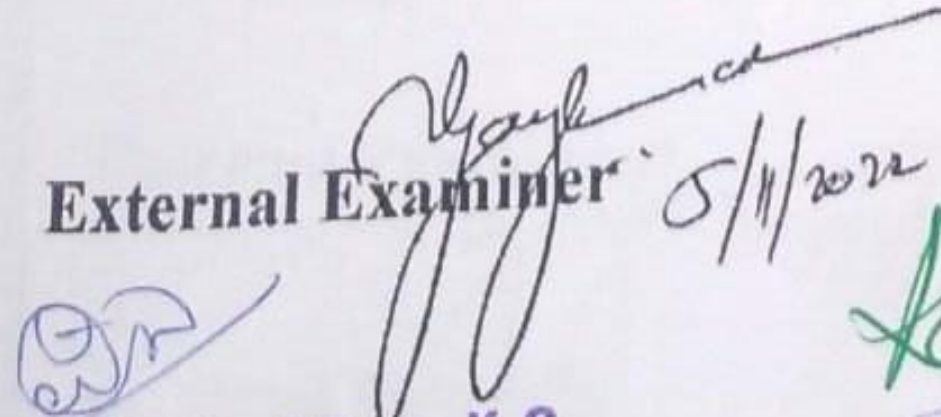
CERTIFICATE

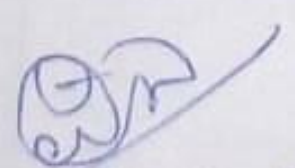
This is to certify that the project work entitled "Synthesis, Characterization and Biological activities of Azo- benzaldehyde derivative of metal complexes" submitted by Ms. NAYANA D K for the degree of Master of Science in Chemistry is the result of work carried out by her in the Department of PG Studies and Research in Chemistry, Sahyadri Science College, Shivamogga, A Constituent College of Kuvempu University, under my guidance during 2021-2022 and it has not formed the basis for the award of any diploma or degree of this University or else were before.

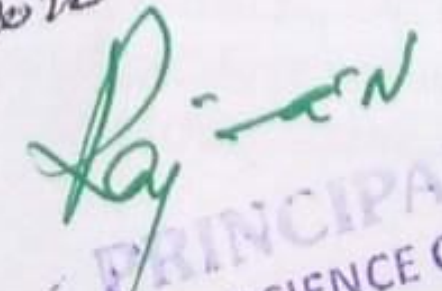

Dr. Yuvaraj T.C.M.
M.Sc., M.Phil., Ph.D.
Co-ordinator
Department of P.G. Studies
and Research in Industrial
Chemistry
Sahyadri Science College
Shimoga.

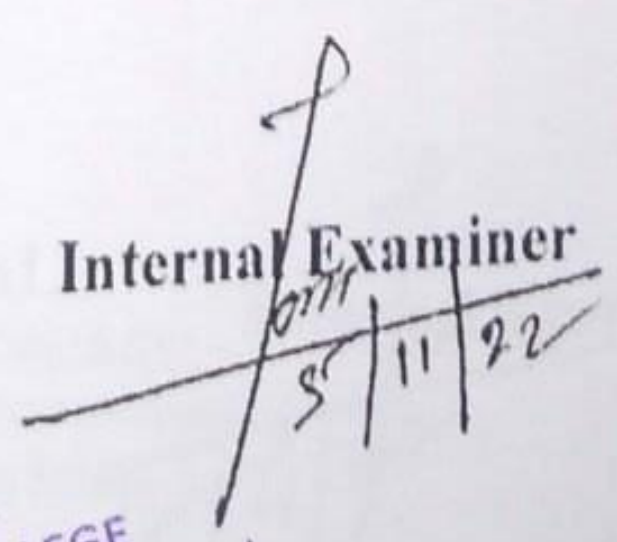

Co-ordinator
Dr. Shreekantha S.A.
M.Sc., M.Phil., Ph.D.
Co-ordinator
Department of P.G. Studies
and Research in Chemistry
Sahyadri Science College
Shimoga


HOD of Chemistry
Dr. G. Krishnamurthy
M.Sc., M.Phil., Ph.D.,
H.O.D. of Chemistry
Sahyadri Science College
SHIVAMOGGA-577 203


External Examiner 5/11/22


Dr. Vittal Rao, K.S.
Date: 05-11-2022
Sahyadri Science College
Place: Shivamogga
Shimoga.


PRINCIPAL
SAHYADRI SCIENCE COLLEGE
(Constituent College of Kuvempu University)
SHIMOGA, Karnataka.


Internal Examiner 5/11/22



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DEPARTMENT OF PG STUDIES AND RESEARCH IN
CHEMISTRY

SAHYADRI SCIENCE COLLEGE, SHIVAMOGGA – 577203

CERTIFICATE

This is to certify that the project work entitled “Voltammetric Study of Atenolol by using Poly (phosphomolybdic acid) modified pencil electrode” submitted by Miss. SHARANYA M.D for the degree of Master of Science in Chemistry is the result of work carried out by her in the Department of PG Studies and Research in Chemistry, Sahyadri Science College, Shivamogga, A Constituent College of Kuvempu University, under my guidance during 2021-2022 and it has not formed the basis for the award of any diploma or degree of this University or else were before.

Guido

Dr. Yuvaraj T.C.M.
Ph.D., M.Sc., M.Phil., Ph.D.
Co-ordinator
Department of P.G. Studies
and Research in Industrial
Chemistry
Sahyadri Science College
Shimoga.

Dr. Shreekanth S.A.
M.Sc., M.Phil., Ph.D.
Co-ordinator
Department of P.G. Studies
and Research in Chemistry
Sahyadri Science College
Shimoga

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SAHYADRI SCIENCE COLLEGE
(Constituent College of Kuvempu University)
SHIMOGA, Karnataka State.

External Examiner

Dr. Vittal Rao K.S.
Date: 05-11-2022
Dept. of Chemistry
Sahyadri Science College
Shimoga.

Internal Examiner

05/11/22

KUVEMPU



UNIVERSITY

DEPARTMENT OF PG STUDIES AND RESEARCH IN
CHEMISTRY

SAHYADRI SCIENCE COLLEGE, SHIVAMOGGA – 577203

CERTIFICATE

This is to certify that the project work entitled Poly (Lysine) sensor for Hydrochlorothiazide: A Voltammetric Study submitted by Miss. ANYATHA N.S for the degree of Master of Science in Chemistry is the result of work carried out by her in the Department of PG Studies and Research in Chemistry, Sahyadri Science College, Shivamogga, A Constituent College of Kuvempu University, under my guidance during 2021-2022 and it has not formed the basis for the award of any diploma or degree of this University or else were before.

Guide

Dr. Yuvaraj T.C.M

M.Sc., M.Phil., Ph.D.

Co-ordinator

Department of P.G. Studies
and Research in Industrial
Chemistry
Sahyadri Science College
Shimoga.

Co-ordinator

Dr. Shreekanta S.A.

M.Sc., M.Phil., Ph.D.

Co-ordinator

Department of P.G. Studies
and Research in Chemistry
Sahyadri Science College
Shimoga

External Examiner

Dr. Vittal Rao, K.S

Date: 05-11-2022

Sahyadri Science College,
Place: Shivamogga,
Shimoga.

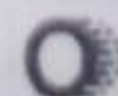
Internal Examiner

05/11/22

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SHIVAMOGGA, KARNATAKA



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UNIVERSITY

DEPARTMENT OF PG STUDIES AND RESEARCH IN
CHEMISTRY

SAHYADRI SCIENCE COLLEGE, SHIVAMOGGA – 577203

CERTIFICATE

This is to certify that the project work entitled 'Poly (sunset yellow) sensor for Dopamine: A Voltammetric Studies' submitted by Miss. NIVEDITHA H B for the degree of Master of Science in Chemistry is the result of work carried out by her in the Department of PG Studies and Research in Chemistry, Sahyadri Science College, Shivamogga, A Constituent College of Kuvempu University, under my guidance during 2021-2022 and it has not formed the basis for the award of any diploma or degree of this University or else were before.

Guide

Dr. Y. Varaj T.C.M.
M.Sc., M.Phil., Ph.D.
Co-ordinator
Department of P.G. Studies
and Research in Industrial
Chemistry
Sahyadri Science College
Shimoga.

External Examiner

Date: 05-11-2022
Place: Shivamogga
Sahyadri Science College,
Shimoga.

Co-ordinator

Dr. Shreekantha S.A.
M.Sc., Ph.D.
Co-ordinator
Department of P.G. Studies
and Research in Chemistry
Sahyadri Science College
Shimoga.

Internal Examiner

PRINCIPAL

SAHYADRI SCIENCE COLLEGE
(Constituent College of Kuvempu University)
SHIMOGA, Karnataka State.



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CERTIFICATE

This is to certify that the project work report entitled "DESIGN, SYNTHESIS AND CHARACTERIZATION OF PYRANO PYRAZOLE DERIVATIVES AND THEIR ANTIHELMENTIC ACTIVITY" is carried out by SUSHMA.S submitted for the partial fulfillment of academic curriculum of IV semester, M.Sc. Chemistry, under the guidance of Dr. Prabhakar W. Chavan, Assistant Professor, Department of Chemistry, Sahyadri Science College -577203.

Signature



Research Guide

Dr. Prabhakar W. Chavan,

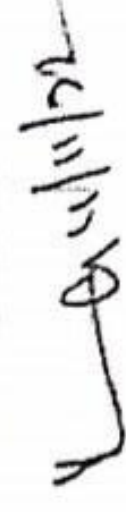
Dr. Prabhakar Chavan

M.Sc., M.Phil., Ph.D.,

Assistant Professor

Dept. of PG Chemistry
Sahyadri Science College
Shimoga

Co-ordinator



Dr. Shreekantha S.A.

M.Sc., M.Phil., Ph.D.,

Co-ordinator

Department of P.G. Studies
and Research in Chemistry
Sahyadri Science College
Shimoga

Examiners

1.



Dr. Prabhakar W. Chavan

Dr. Prabhakar W. Chavan

Dept. of Chemistry

Sahyadri Science College,

Shimoga.



Dr. G. Krishnamurthy

M.Sc., M.Phil., Ph.D.,

Principal

SAHYADRI SCIENCE COLLEGE

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SAHYADRI SCIENCE COLLEGE

SAHYADRI SCIENCE COLLEGE

SAHYADRI SCIENCE COLLEGE

SAHYADRI SCIENCE COLLEGE

CERTIFICATE

This is to certify that the project work report entitled "SYNTHESIS,

CHARACTERIZATION AND ANTIHELMINTHIC ACTIVITY OF 1,4

DIHYDROPYRIMIDINE DERIVATIVES" is carried out by Sumukha E S submitted for

the partial fulfillment of academic curriculum of IV semester, M.Sc. Chemistry, under the

guidance of Dr. Prabhakar W. Chavan, Assistant Professor, Department of Chemistry,

Sahyadri Science College -577203.


Research Guide

Dr. Prabhakar W. Chavan

Dr. Prabhakar Chavan

M.Sc., M.Phil., Ph.D.,

Assistant Professor

Dept. of PG Studies & Research in Chemistry

Sahyadri Science College, Kuvempu University

Shivamogga-577 203, Karnataka. INDIA.

Dr. Shreekanta S.A.

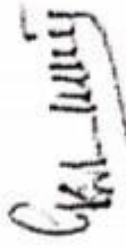
Coordinating Officer

Department of P.G.Studies

and Research in Chemistry

Sahyadri Science College

Shimoga


Head of the department
Dr. G. Krishnamurthy

M.Sc., M.Phil., Ph.D.,

H.O.D. of Chemistry

Sahyadri Science College

SHIVAMOGGA-577 203

Examiners

1.


5/11/22

PRINCIPAL
SAHYADRI SCIENCE COLLEGE
(Kuvempu University)

2.

Dr. Vittal Rao. K.S.

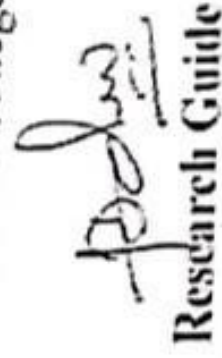
Dept. of Chemistry

Sahyadri Science College,

Shimoga.

CERTIFICATE

This is to certify that the project work report entitled "Synthesis, characterization and antihelminthic activity of thiadiazol derivatives" is carried out by Vishwan A. Chemistry, under the guidance of Dr. Prabhakar W. Chavan, Assistant Professor, Department of Chemistry, Sahyadri Science College -577203.


Research Guide

Dr. Prabhakar W. Chavan
Dr. Prabhakar Chavan
M.Sc., M.Phil., Ph.D.,
Assistant Professor
Dept. of PG Studies & Research In Chemistry
Sahyadri Science College, Kuvempu University
Shivamogga-577 203, Karnataka. INDIA.

Coordinator 
Dr. Shreekantha S.A.
M.V. M.Phil., Ph.D.
Co-ordinator
Department of PG Studies
and Research in Chemistry
Sahyadri Science College
Shimoga


Head of the Department
Dr. G. Krishnamurthy
H.O.D. of Chemistry
Sahyadri Science College
SHIVAMOGGA-577 203

Examiners

1.  
2. 
Dr. Vittal Rao. K.S.
Dept. of Chemistry
Sahyadri Science College,
Shimoga.

PRINCIPAL
SAHYADRI SCIENCE COLLEGE
(Constituent College of Kuvempu University)
SHIMOGA, Karnataka State.

CERTIFICATE

This is to certify that the project work report entitled "Synthesis, characterization and antihelminthic activity of thiazol derivatives" is carried out by Vishwan A. Chemistry, under the guidance of Dr. Prabhakar W. Chavan, Assistant Professor, Department of Chemistry, Sahyadri Science College -577203.


Research Guide

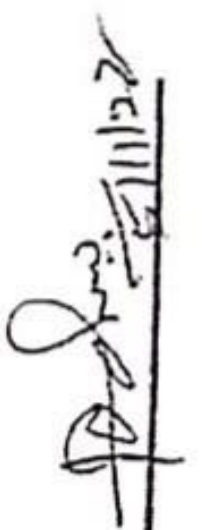
Dr. Prabhakar W. Chavan
Dr. Prabhakar Chavan
M.Sc., M.Phil., Ph.D.,
Assistant Professor
Dept. of PG Studies & Research In Chemistry
Sahyadri Science College, Kuvempu University
Shivamogga-577 203, Karnataka, INDIA.

Coordinator  31/11/22

Dr. Shreekantha S.A.
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Coordinator
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Head of the Department
Dr. G. Krishnamurthy
M.O.D. of Chemistry
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SHIVAMOGGA-577 203

Examiners

1.  31/11/22 

2.  31/11/22 **PRINCIPAL**
Dr. Vittal Rao. K.S.
Dept. of Chemistry
Sahyadri Science College,
Shimoga.
SAHYADRI SCIENCE COLLEGE
(Constituent College of Kuvempu University)
SHIMOGA, Karnataka State.

KUVEMP



UNIVERSITY

Sahyadri Science College,
Shivamogga-577203

A Project Report On

**SYNTHESIS, CHARACTERIZATION AND ANTIHELMINTHIC ACTIVITY OF
1,4 DIHYDROPYRIMIDINE DERIVATIVES**

Submitted for partial fulfillment of requirements for the award of the degree

Master of Science

In

Chemistry

Submitted to

Department of PG studies and Research in Chemistry
Sahyadri Science College, Shivamogga-577203

Submitted by

Namukha I N

PS203232

4th Semester

Under the Guidance of

Dr. Prabhakar M. Chavhan, M.A., M.Phil., Ph.D.

Assistant Professor

Department of Chemistry

Sahyadri Science College, Shivamogga-577203

Dr. Vittal Rao. K.S
Dept. of Chemistry
Sahyadri Science College,
Shimoga.

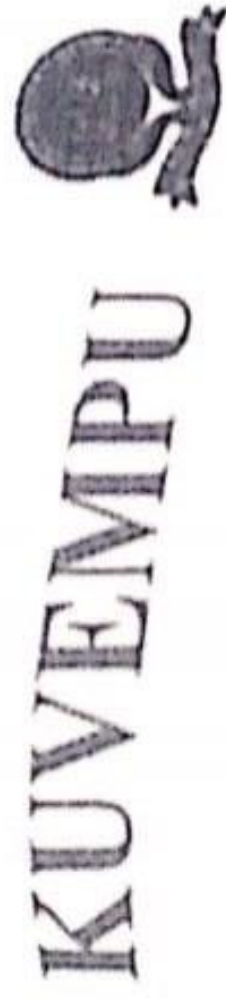
PRINCIPAL
SAHYADRI SCIENCE COLLEGE
(Constituent College of Kuvempu University)
SHIMOGGA, Karnataka State



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KUVEMPU UNIVERSITY

Sahyadri Science College

Shivamogga-577203

CERTIFICATE

This is to certify that the project work report entitled "SYNTHESIS AND CHARACTERIZATION OF 2-AMINO-5-(4-HETERO-LIDENE)THIAZOL-4-(5H)-ONE AND THEIR ANTIHELMENTIC ACTIVITY" is carried out by CHANDANA M.G submitted for the partial fulfillment of academic curriculum of IV semester, M.Sc. Chemistry, under the guidance of Dr.Prabhakar W. Chavan, Assistant Professor, Department of Chemistry, Sahyadri Science College -577203.

Signature

Research Guide

Dr. Prabhakar Chavan

Dr.Prabhakar W.Chavan, M.Sc., M.Phil., Ph.D.,
Assistant Professor

Dept. of PG Studies & Research In Chemistry
Sahyadri Science College, Kuvempu University
Shivamogga-577 203, Karnataka. INDIA.

Examiners

1. 5/11/2022

Dr. Vittal Rao. K.S
Dept. of Chemistry
Sahyadri Science College,
Shivamogga.

co-ordinator

Dr. Shreekantha S.A.
M.Sc., M.Phil., Ph.D.

Co-ordinator
Department of P.G. Studies
and Research in Chemistry
Sahyadri Science College
Shivamogga

Dr. G. Krishnamurthy

M.Sc., M.Phil., Ph.D.,

H.O.D. of Chemistry

Sahyadri Science College
SHIVAMOGGA-577 203
PRINCIPAL

SAHYADRI SCIENCE COLLEGE
(Kuvempu University)

(Constituent College of Kuvempu State.

SHIVAMOGGA, Karnataka State.

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CERTIFICATE

This is to certify that the project work report entitled "SYNTHESIS, CHARACTERISATION AND ANTHELMINTIC ACTIVITY OF 1,4 DIHYDRO-PYRANO[2,3-c]PYRAZOLE DERIVATIVES" is carried out by NISHATH submitted for the partial fulfillment of academic curriculum of IV semester, M.Sc. Chemistry, under the guidance of Dr. Prabhakar W. Chavan, Assistant Professor, Department of Chemistry, Sahyadri Science College -577203.

Signature



Research Guide
Dr. Prabhakar Chavan

Dr. Prabhakar W. Chavan
M.Sc., M.Phil., Ph.D.,
Assistant Professor

Dept. of PG Studies & Research In Chemistry
Sahyadri Science College,
Shivamogga,
Karnataka, INDIA.

Examiners

1.


5/11/2021



Dr. Vittal Reddy K.S
Dept. of Chemistry
Sahyadri Science College,
Shivamogga.

Coordinator



Dr. Shreekantha S.A.
M.Sc., M.Phil., Ph.D.

Co-ordinator
Department of P.G. Studies
and Research in Chemistry
Sahyadri Science College
Shivamogga



Dr. G. Krishnamurthy
M.Sc., M.Phil., Ph.D.

PRINCIPAL H.O.D. of Chemistry
Sahyadri Science College
Sahyadri Science College
(Constituent College of Kuvempu University,
SHIVAMOGGA-577 203
SHIMOGGA, Karnataka State.

CERTIFICATE

This is to certify that the project entitled "*Synthesis and characterization of CuO and Ni doped CuO nanoparticles*" submitted by Miss. RANJITHA D G for the degree of Master of Science in Chemistry is the result of work carried out by her in the Department of PG Studies and Research in Chemistry, Sahyadri Science College, Shivamogga, A Constituent College of Kuvempu University, under my guidance during 2021-2022 and it has not formed the basis for the award of any diploma or degree of this University or else were before.

Place: Shivamogga

Dr. G Krishnamurthy

Date:

Head of the Department of Chemistry

Dr. Shreekantha S.A.

M.Sc. Asst. Prof., Ph.D.

Signature of the Coordinator
and Research in Chemistry
Sahyadri Science College
Shivamogga

Dr. G. Krishnamurthy

Signature of H.O.D.

H.O.D. of Chemistry
Sahyadri Science College
SHIVAMOGGA-577 203

Examiners name with signature

1.

2.

Principal
SAHYADRI SCIENCE COLLEGE
(Constituent College of Kuvempu University)
SHIVAMOGGA, Karnataka State.

Principal
SAHYADRI SCIENCE COLLEGE
(Constituent College of Kuvempu University)
SHIVAMOGGA, Karnataka State.

CERTIFICATE

This is to certify that the project work report entitled "Green Synthesis and Characterization of ZnO Nano Particles" is carried out by Mallikarjuna U submitted for the partial fulfillment of academic curriculum of IV semester, M.Sc. Chemistry, under the guidance of Dr. Shreekantha S. A., Assistant Professor, Department of Chemistry, Sahyadri Science College -577203.

Research Guide

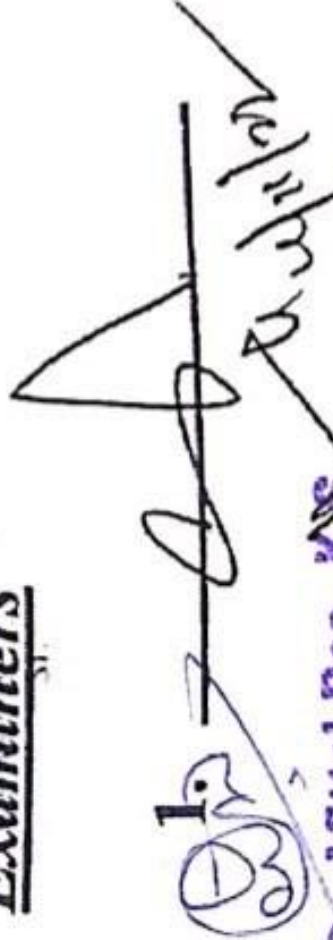
Dr. SHREEKANTA S. A., M.Sc., M.Phil., Ph.D.

Assistant Professor

Department of P.G Studies & Research in Chemistry


Co-ordinator
Dr. Shreekantha S.A.
M.Sc., M.Phil., Ph.D.
Co-ordinator
Department of Chemistry
and Research
Examiners


Head of the department
Dr. G. Krishnamurthy
M.Sc., M.Phil., Ph.D.,
H.O.D. of Chemistry
Sahyadri Science College
SHIVAMOGGA-577 203


Dr. Vital Rao. K.S.
Dept. of Chemistry
Sahyadri Science College,
Shivamogga.


PRINCIPAL
SAHYADRI SCIENCE COLLEGE
(Constituent College of Kuvempu University)
SHIMOGA, Karnataka State.

CERTIFICATE

This is to certify that the project entitled "Synthesis and characterization of ZnO and Cu doped ZnO nanoparticles" submitted by Miss. G RUTU for the degree of Master of Science in Chemistry is the result of work carried out by her in the Department of PG Studies and Research in Chemistry, Sahyadri Science College, Shivamogga, A Constituent College of Kuvempu University, under my guidance during 2021-2022 and it has not formed the basis for the award of any diploma or degree of this University or else were before.

Place: Shivamogga

Dr. G Krishnamurthy

Date:

Head of the Department of Chemistry

Dr. Shreekantha S.A.

Co-ordinator

Signature of PG Co-ordinator
and Research in Chemistry

Sahyadri Science College
Shimoga

Dr. G. Krishnamurthy
Signature of H.O.D.

H.O.D. of Chemistry

Sahyadri Science College
SHIVAMOGGA-577 203

Examiners name with signature

1.

Dr. Vittal Rao. K.S.
Dept. of Chemistry
Sahyadri Science College,
Shimoga.

2.

PRINCIPAL
SAHYADRI SCIENCE COLLEGE (University)
College of Kuvempu University
(Constituent College of Kuvempu State.
SHIMOGGA, Karnataka State.)

KUVEMPU UNIVERSITY

DEPARTMENT OF PG STUDIES AND RESEARCH IN CHEMISTRY

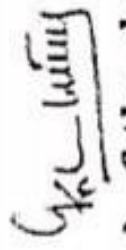
Sahyadri Science College, Shivamogga - 577203

CERTIFICATE

This is to certified that the project work entitled "The studies on electrochemical behavior of para-nitroaniline in the presence of formaldehyde" submitted by Miss. BINDHU A G for the degree of Master of Science in Chemistry is the result of work carried out by her in the Department of PG Studies and Research in Chemistry, Sahyadri Science College, Shivamogga, A Constituent College of Kuvempu University, under my guidance during 2021-2022 and it has not formed the basis for the award of any diploma or degree of this University or else were before.


Guide
Dr. SHREEKANTA S A

Dr. Shreeekanta S.A.
M.Sc., M.Phil., Ph.D.
Co-ordinator
Department of P.G. Studies
and Research in Chemistry
Sahyadri Science College
Shivamogga


Head of the department
Dr. G. KRISHNAMURTHY

H.O.D. of Chemistry
Sahyadri Science College
SHIVAMOGGA-577 203
Dr. G. Krishnamurthy
M.Sc., M.Phil., Ph.D.


External Examiner


PRINCIPAL
SAHYADRI SCIENCE COLLEGE
(Constituent College of Kuvempu University)
SHIMOGGA, Karnataka State.


Internal Examiner


Dr. Vikas Rao K.P.
Date: 04/11/2022
Place: Shivamogga
Shivamogga



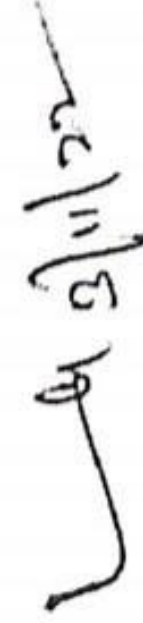
KUVEMPU UNIVERSITY

DEPARTMENT OF PG STUDIES AND RESEARCH IN CHEMISTRY

Sahyadri Science College, Shivamogga - 577203

CERTIFICATE

This is to certified that the project work entitled "The studies on electrochemical behavior of 2,4-dinitro phenyl hydrazine in the presence of aromatic aldehydes" submitted by Mr. SANJAYKUMAR K M for the degree of Master of Science in Chemistry is the result of work carried out by his in the Department of PG Studies and Research in Chemistry. Sahyadri Science College, Shivamogga, A Constituent College of Kuvempu University, under my guidance during 2021-2022 and it has not formed the basis for the award of any diploma or degree of this University or else were before.



Guide

Dr. SHREEKANTA S A

Dr. Shreeekanta S.A.

M.Sc., M.Phil., Ph.D.

Co-ordinator

Department of P.G. Studies
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Shimoga


External Examiner

Dr. Vitthal Rao. K.S.

Date: 14/11/2022

Sahyadri Science College,
Place: Shivamogga



Head of the department

Dr. G. KRISHNAMURTHY

Dr. G. Krishnamurthy

M.Sc., M.Phil., Ph.D.

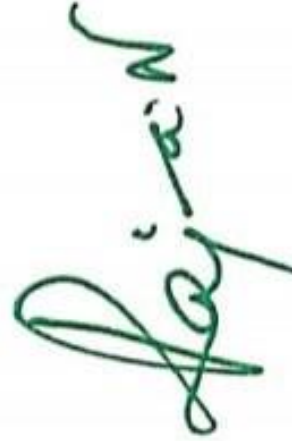
H.O.D. of Chemistry

Sahyadri Science College

SHIVAMOGGA-577 203



Internal Examiner



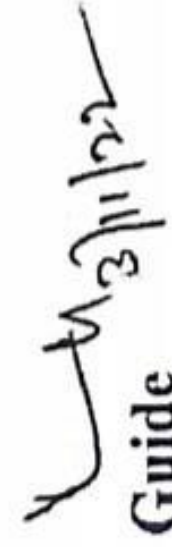
PRINCIPAL

SAHYADRI SCIENCE COLLEGE
(Constituent College of Kuvempu University)

SHIMOGA, Karnataka State.

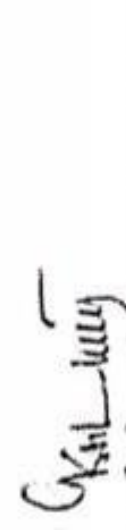
CERTIFICATE

This is to certified that the project work entitled "The studies on electrochemical behavior of 4-nitroaniline in the presence of 2-nitrobenzaldehyde" submitted by Miss. Sneha K C for the degree of Master of Science in Chemistry is the result of work carried out by her in the Department of PG Studies and Research in Chemistry, Sahyadri Science College, Shivamogga, A Constituent College of Kuvempu University, under my guidance during 2021-2022 and it has not formed the basis for the award of any diploma or degree of this University or else were before.


Guide

Dr. SHREEKANTA S A

Dr. Shreeekanta S.A.
M.Sc., M.Phil., Ph.D.
Co-ordinator
Department of P.G. Studies
and Research in Chemistry
Sahyadri Science College
Shimoga



Head of the department
Dr. G. KRISHNAMURTHY
Dr. G. Krishnamurthy

M.Sc., M.Phil., Ph.D.,
H.O.D. of Chemistry
Sahyadri Science College
SHIVAMOGGA-577 203


External Examiner

Dr. Vital Rao. K.S
Date: of Chemistry
Place: Shivamogga



PRINCIPAL
SAHYADRI SCIENCE COLLEGE
(Constituent College of Kuvempu University)
SHIMOGA, Karnataka State.



Internal Examiner



CERTIFICATE

This is to certify that the project work entitled "-Electrochemical behaviour of 2,4-dinitro phenyl hydrazine in presence of Cinnamaldehyde" submitted by ROOPA S G for the award of the degree of MASTER OF SCIENCE IN CHEMISTRY-2022 is based on the practical work carried out by her under my supervision. The project or any part thereof has not been previously submitted for any other degree/diploma either to this or any other University.

Place: Shivamogga

Dr. G Krishnamurthy
Head of the department of chemistry

Date:

23/11/22

Signature of PG Coordinator

Dr. Channakanta S.A.

Dr. Channakanta S.A.
M.Sc., M.Phil., Ph.D.,
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Sahyadri Science College
Shivamogga

23/11/22

Signature of HOD
Dr. G. Krishnamurthy
M.Sc., M.Phil., Ph.D.,
H.O.D. of Chemistry
Sahyadri Science College
SHIVAMOGGA - 577 203

Examiners name with signature

1. 



Dr. Vital Rao. K.S.
Dept. of Chemistry
Sahyadri Science College,

2. 

PRINCIPAL 2.
SAHYADRI SCIENCE COLLEGE
(Constituent College of Kuvempu University)
SHIMOGGA, Karnataka State.



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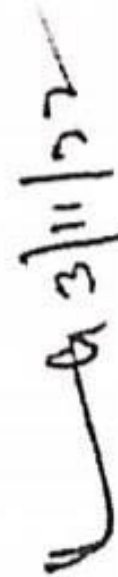
CERTIFICATE

This is to certify that the project work entitled "-Electrochemical behavior of 2,4-dinitro phenyl hydrazine in presence of 2-nitrobenzaldehyde" submitted by MANJUNATH PATIL for the award of the degree of MASTER OF SCIENCE IN CHEMISTRY-2022 is based on the practical work carried out by him under my supervision. The project or any part thereof has not been previously submitted for any other degree/diploma either to this or any other University.

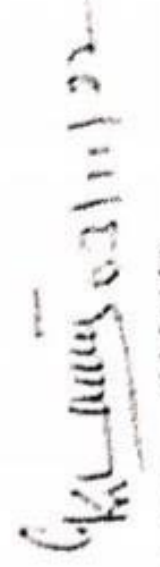
Place: Shivamogga

Dr. G Krishnamurthy
Head of the department of chemistry

Date:


Signature of PG Coordinator

Dr. Shreekantha S.A.
M.Sc., M.Phil., Ph.D.
Co-ordinator
Department of P.G. Studies
and Research in Chemistry
Sahyadri Science College
Shimoga


Signature of HOD

Dr. G. Krishnamurthy
M.Sc., M.Phil., Ph.D.,
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Examiners name with signature


1. Dr. Vinod Rao. K.S.
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PRINCIPAL
SAHYADRI SCIENCE COLLEGE-2.
SAHYADRI SCIENCE COLLEGE
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(Constituent College of Karnataka State,
SHIMOGA, Karnataka State.

Project work/Dissertation undertaken during the year 2020-21

Sl. No.	Programme	Subject	Project/Dissertation title	Name of the students	Name of the Guides	Number of students	Total number of students
1	M.Sc.	Chemistry	Extraction, photochemical investigations and anti-bacterial activity of <i>Phyllanthus niruri</i> leaf extract	Akshatha H K	Dr. Deepa K	01	36
2			Voltametric study of Chlorpromazine drug using different modified electrodes	Annappa K M	Dr.Purushothama H T		
3			Voltametric study of Olanzapine drug using different modified electrodes	Arpitha S	Dr.Purushothama H T		
4			Extraction and anthelmintic activity of <i>Phyllanthus niruri</i> leaf	Arun Kumar M S	Dr. Latha K P		
5			Electrochemical investigation of an antiviral drug acyclovir and study of voltammetric techniques	Basavasagar N S	Dr. Deepthi Nayak		
6			Study on synthesis and characterization of Tin nanoparticles	Bhavya M C	Dr. Deepa K		
7			Electrochemical investigation of an anti-inflammatory drug cetirizine and study of voltammetric techniques	Bhumika K Murthy	Dr. Deepthi Nayak		
8			Study on synthesis and characterization of Nickel oxide nanoparticles	Deepa H D	Dr. Deepa K		
9			Electrochemical investigation of an anticancer drug 5-Fluorouracil and study of voltammetric techniques	Divya Dasanaguoda	Dr. Deepthi Nayak		
10			Study on synthesis and characterization of Zinc oxide	Hullatti Durugamma	Dr. Deepa K		

Dr. Vittal Rao. K.S
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SHIMOGA, Karnataka State.



			nanoparticles				
11			Electrochemical investigation of an anti-inflammatory drug Diclofenac and study of voltammetric techniques	Latha N R	Dr. Deepthi Nayak		
12			Applications of conducting polymer composites to electrochemical sensors	Mallappa Kavya	Dr.Chethan M Kuskur		
13			CMEs for the electrochemical analysis of Paracetamol & Norepinephrine	Maniraj L M	Dr.Chethan M Kuskur		
14			Chemically modified electrodes for the electrochemical analysis of Paracetamol and Norepinephrine	Manoj Kumar M	Dr.Chethan M Kuskur		
15			Recent Progress and Challenges of Poly (Amino Acid) towards sensing	Manoj N G	Dr. Latha K P		
16			Voltammetric study of Quetiapine drug using different modified electrodes	Monika K	Dr.Purushothama H T		
17			Electrochemical investigation of Thioridazine drug using different modified electrodes	Nandini V M	Dr.Purushothama H T		
18			A study on the methods of synthesis of chalcones and their biological importance	Navyashree B M	Dr. Prabhakar W Chavan		
19			Extraction, photochemical investigations and anti-fungal activity of <i>Phyllanthus niruri</i> leaf extract	Nethravathi G Gouda	Dr. Latha K P		
20			Electrochemical investigation of Thioridazine drug using different modified electrodes	Poornima A	Dr. Deepa K		
21			A study on the synthesis of Quinoline derivatives and their biological importance	Ramya K	Dr. Prabhakar W Chavan		
22			Electrochemical investigation of	Sarala C K	Dr.Purushothama H		

Dr. Vittal Rao. K.S
Dept. of Chemistry
Sahyadri Science College,
Shimoga.

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SAHYADRI SCIENCE COLLEGE
(Constituent College of Kuvempu University)
SHIMOGA, Karnataka State.



			Clozapine drug using different modified electrodes		T		
23			Electrochemical investigation of a non-steroidal anti-inflammatory drug Metenimicacid and study of voltammetric techniques	Sharanabasayya Hirematha	Dr. Deepthi Nayak		
24			Voltammetric behavior of Dopamine using different modified electrodes	Sindhu J B	Dr.Chethan M Kuskur		
25			A study on methods of synthesis of pyrimidine derivative and their biological activities	Sowmya N D	Dr.Chethan M Kuskur		
26			A study on method of synthesis of Indole derivatives and their biological importance	Spoorthy Shetty S	Dr.Chethan M Kuskur		
27			Synthesis and Characterization of Biologically active mixed Ligand complexes of 8-Hydroxyquinoline and Salicylaldehyde	Srinivasa K G	Dr. Parameshwara Naik P.		
28			Preparation of mixed ligands complexes of 3d metal ions and their biological evaluation of 2-Aminothiazole and Triphenylphosphine	Sushma CH	Dr. Parameshwara Naik P.		
29			Preparation of mixed ligands 8-hydroxyquinoline and triazole	Tejaswini M	Dr. Parameshwara Naik P.		
30			Preparation of Mixed Ligand Complexes of 3d Metal Ions and their Biological Evaluation of 8-Hydroxyquinoline and Triazole	Tejaswini R K	Dr. Parameshwara Naik P.		


Dr. Vittal Rao. K.S
 Dept. of Chemistry
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 Shimoga.


PRINCIPAL
 SAHYADRI SCIENCE COLLEGE
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 SHIMOGA, Karnataka State.



Project work/Dissertation undertaken during the year 2021-22

Sl. No.	Programme	Subject	Project/Dissertation title	Name of the students	Name of the Guides	Number of students	Total number of students
1	M.Sc.	Chemistry	"Poly (L-Ornithine) Sensor for Norepinephrine and Paracetamol: A Voltammetric Method"	Rajashree M S	Dr. Yuvaraja TCM	01	36
2			Poly (Lysine) Sensor for Hydrochlorothiazide: A Voltammetric Study	Anyatha N.S	Dr. Yuvaraja TCM		
3			"Voltammetric Study of Atenolol By Using Poly (Phosphomolybdic Acid) Modified Pencil Electrode"	Sharanya M.D	Dr. Yuvaraja TCM		
4			Poly (Sunset Yellow) Sensor For Dopamine: A Voltammetric Studies	Niveditha H B	Dr. Yuvaraja TCM		
5			Interference Free Detection of dihydroxybenzene Isomers at Rhodamine B Modified Carbon Paste Electrode	Sannidhi U S	Dr. Yuvaraja TCM		
6			Synthesis, Characterisation and Biological activities Azobenzaldehyde Derivative Metal Complexs	Nayana	Dr. Yuvaraja TCM		
7			Synthesis, Characterisation and Biological activities Azoacetophenone Derivative Metal Complexs	Manu N C	Dr. Yuvaraja TCM		
8			Synthesis, Characterization and Antihelmenthic Activity Of Thiadiazol Derivatives	Vishwasa A	Dr. Prabhakar W. Chavan		
9			Synthesis, Characterization and Antihelmenthic Activity of 1,4 Dihydropyridine Derivatives	Sumukha E S	Dr. Prabhakar W. Chavan		
10			Synthesis, Characterization and Antihelmenthic Activity of 1,4 Dihydropyrano[2,3-C]pyrazole Derivatives	Nishath	Dr. Prabhakar W. Chavan		

Dr. Vittal Rao. K.S
Dept. of Chemistry
Sahyadri Science College,
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SHIMOGA, Karnataka State.



11		Synthesis and Characterization Of 2-Amino-5-(4-Hetero-Lidene)Thiazole-4-(5h)-One And Their Antihelmentic Activity	Chandana M G	Dr. Prabhakar W. Chavan		
12		Design, Synthesis And Characterization Of Pyrano Pyrazole Derivatives And Their Antihelmentic Activity	Sushma S	Dr. Prabhakar W. Chavan		
13		Synthies And Spectral Characterisation Of Novel Amino Benzothiozole Substituted Ni (Ii) Cu(Ii) Phthalocyanine	Kavya	Dr. Latha K P		
14		Synthesis And Structural Charasterisatio Of Nano Poly Aniline Embedded With Aluminium Trioxide Nano Partical	Prutvi As	Dr. Latha K P		
15		Syntheis And Structural Charasterisatio Of Nano Sized Poly Aniline Doped With Calcium Oxide Nano Partical	Ganaga H R	Dr. Latha K P		
16		Synthies And Spectral Characterisation Of Novel Amino Benzothiozole Substituted Fe (Ii) Phthalocyanine	Dhanraj K B	Dr. Latha K P		
17		Synthies And Spectral Characterisation Of Novel Amino Benzothiozole Substituted Co (Ii) Phthalocyanine	Shashank Sr	Dr. Latha K P		
18		Extraction Of Biofuel Using Waste Plastic	Muskan Khanum	Dr. Latha K P		
19		'Synthesis And Spectral Characterization Of Azo-Schiff Base And Its Transition Metal Complexes, Screening Carried Out Against Antibacterial Activity''	Spoorthy P	Dr. G. Krishnamurthy		
20		Structural Charasterisatio And Anthelmentic Activity And Investigation On Complex	Shehanuz S	Dr. G. Krishnamurthy		
21		'Synthesis And Spectral Characterization Of Azo-Schiff Base And Its Transition Metal Complexes, Screening Carried Out Against	Thurupthi M S	Dr. G. Krishnamurthy		

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		Antibacterial Activity"				
22		Synthesis And Antibacterial Activity Of Transition Metal Complex With Benzothiazole -Derived Schiff Bases	Malikabanu N R	Dr. G. Krishnamurthy		
23		'Synthesis And Spectral Characterization And Antibacterial Studies Of Co(II) Ni(II) and Cu(II) Metal Complexes Containning Azo Dye Ligand	Ayesha Siddiqa	Dr. G. Krishnamurthy		
24		Synthesis, Spectroscopic Studies Of A Tridentate Azo-Schiff Base Ligand And Their Transition Metal Complexes	Bindhu K G	Dr. Parameshwara Naik P		
25		Investigation On Ni(II) and Cu(II) Metal Complexes Derived Structural Characterisation And Anthelmentic Activity	Bhoomika C P	Dr. Parameshwara Naik P		
26		Investigation On Ni(II) and Co(III)) Metal Complexes Derived Structural Characterisation And Anthelmentic Activity	Nandini Nadig	Dr. Parameshwara Naik P		
27		Investigation On Ni(II) and Co(III)) Metal Complexes Derived Structural Characterisation And Anthelmentic Activity	Jyothi K	Dr. Parameshwara Naik P		
28		Investigation On Ni(II) And Co (III) Metal Complexes Derived Structural Characterisation And Anthelmentic Activity	Sindu S	Dr. Parameshwara Naik P		
29		Synthesis And Characterization Of CuO And Ni Doped CuO Nanoparticles	Ranjitha D G	Dr. Shreekanta S A		
30		Synthesis And Characterization Of ZnO And Cu Doped ZnO Nanoparticles	Miss. G Rutu	Dr. Shreekanta S A		
31		Electrochemical Behaviour Of 2,4 Dinitro Phenyl Hydrazine In Presence 2 Nitro Benzaldehyde	Manjunath Patil	Dr. Shreekanta S A		
32		The Studies On Electrochemical Behaviour Of Para Nitro Aniline In The Presence Of Formaldehyde	Bindhu AG	Dr. Shreekanta S A		

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33			The Studies On Electrochemical Behaviour Of Para Nitro Aniline In The Presence Of 2 Nitro Benzaldehyde	Sneha KC	Dr. Shreekanta S A		
34			The Studies On Electrochemical Behaviour 2,4 Dinitro Phenyl Hydrazine In The Presence Of Aromatic Aldehyde	Sanjya Kumar K M	Dr. Shreekanta S A		
35			Green Synthesis Of Characterisation Zno Nano Particle	Mallikarjuna U	Dr. Shreekanta S A		
36			Electrochemical Behaviour Of 2,4 Dinitro Phenyl Hydrazine In Presence Cinnamaldehyde	Roopa S G	Dr. Shreekanta S A		

Project work/Dissertation undertaken during the year 2021-22

Sl. No.	Programme	Subject	Project/Dissertation title	Name of the students	Name of the Guides	Number of students	Total number of students
1	M.Sc.	Industrial Chemistry	"Extraction and characterization of heavy metals from E-Waste"	Aradhya O B	Dr.Anitha	04	34
2				Kavana B N			
3				Nidhishree B U			
4				Shubhalakshmi B S			
5			"Synthesis, spectral and biological studies of 2-Hydroxy imine derivative with 3d series metal complexes"	Apoorva S N	Dr.Yuvaraja TCM	05	
6				Karthik B			
7				Pavithra M			
8				Shruthi K			
9				Kishan Kumar H N			
10			Synthesis and characterization of ZnS Nanoparticles by chemical Co-precipitation method"	Basavaraj Haleshappa Honnatti	Prof.G.Krishnamurthy	04	
11				Shwetha P M			

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12				Shubhashree M N			
13				Tejashree K S			
14			"Synthesis, characterization and antihelmenthic activity of 1, 4 dihydropyridine derivatives	Naveen Kumar Pani	Dr.Prabhakar Chavan	04	
15				Nayana U M			
16				Sanchitha N Shetty			
17				Vidyashree K G			
18				Pradeep G M	Dr.Vittala Rao	04	
19				Reshma G			
20				Soumyarani			
21				Sahana K N			
22			"Synthesis and characterization of ZnS Nanoparticles by chemical Co-precipitation method"	Navitha B P	Dr.Parameshwara naik P	05	
23				Vishwanath P Hiremath			
24				Vidya H N			
25				Dasharatha K			
26				Sindhu P M			
27			"Studies on isolation and characterization of pyrethrin-1 for control and cost effective management of tick and fly in cattel"	Deepak K C	Dr.Jithendra kumar	04	
28				Reshma K T			
29				Roopa K			
30				Tilak K M			
31			Corrosion study of steel and zinc using green inhibitors	Chandana P	Dr.Padmini TR	04	
32				Naveena G			
33				Sanchitha M			
34				Prajwal D			

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Project work/Dissertation undertaken during the year 2017-18

Sl. No.	Programme	Subject	Project/Dissertation title	Name of the students	Name of the Guides	Number of students	Total Number of students
1			Oxidative Chlorination of 8-Hydroxy Quinoline	Varun R	Dr. P.M Radhakrina Dr. K C Sharada	01	10
2	M.Sc.	Chemistry (Hon's)	Synthesis and Characterization of Phenytoin	Ashwarya H K Anju M Sindhu G S	Mr. Vijaya Krishna C. Aradya	03	
3			Reduction of 2,4-dichloro-6-nitrophenol to 2,4-dichloro-6-aminophenol	Jithendra H	Dr. P.M Radhakrina Dr. K C Sharada	01	
4			Moulding and Recycling of Polypropylene	Sindhu M S	Mr. V. H. Rao	01	
5			Physico and Microbiological Parameters of Different Origin of Water Sample	Anusha M N Gouthami B Gowthami T.M	Mr. Paramesh K	01	
6			Synthesis ,Chararacterization and Antibacterial Activity of Azo-Dye Metal Complexes	Sangeetha H.S Mandara N P Vinoda BM	Mr. Yuvaraja TCM	03	
			Synthesis ,Chararacterization and Antibacterial Activity of Schiff base Metal Complexes	Asha Sinchana S R Smitha Y	Mr. YuvarajTCM Mr. Manjuraj		


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Project work/Dissertation undertaken during the year 2018-19

Sl. No.	Programme	Subject	Project/Dissertation title	Name of the students	Name of the Guides	Number of students	Total Number of students
1			The Report on Schiff Bases	Anushree M Vani S	Dr. Vishwanath	02	
2	M.Sc.	Chemistry (Hon's)	Materials Chemistry	Mahesh Kumar A.M Narendra Deekshith K N	Dr. Yuvaraj TCM	02	7
3			Solar Cells	Sharath L S Raghu A Ramesh G	Mr. Vishwanath	03	

Project work/Dissertation undertaken during the year 2019-20

Sl. No.	Programme	Subject	Project/Dissertation title	Name of the students	Name of the Guides	Number of students	Total Number of students
1	M.Sc.	Chemistry (Hon's)	Synthesis of 5[(4-nitrophenyl)diazonyl] pyridine-2-amine and their Complexes	Chandan M S Chirag S Channapala Manu R	Dr. K S Vittal Rao	03	
2	M.Sc.	Chemistry (Hon's)	Synthesis of 4[(z)-pyridine-3-yl)naphthalene and their Complexes	Anushree M Vani S Manasa N Shrinkhala Heghade Meghana	Dr. Yuvaraj TCM	5	8

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Project work/Dissertation undertaken during the year 2020-21							
Sl. No.	Programme	Subject	Project/Dissertation title	Name of the students	Name of the Guides	Number of students	Total Number of students
1			Synthesis and biological Activities of Benzoxazole Derivatives	Manasa N Shrinkala T Hegade	Dr. Vinoda B M	02	
2	M.Sc.	Chemistry (Hon's)	Synthesis and Biological Activities of Benzimidazole Derivatives	Anushree M Vani S	Dr. Vinoda B M	02	
3			Synthesis And Biological Activities of Oxazole Derivatives	Chandan M S Meghana V	Dr. Vinoda B.M	02	
4			Synthesis And Biological Activities of Pyrimidine Derivatives	Chirag Channapla Manu R	Dr. Vinoda B.M	02	13
5			Synthesis and Spectral Evaluation of Co(II), Ni(II) mixed ligand Complexes containing 2-aminothiazole and triphenylphosphine	Bhavani M H Soundarya M B Pavanasutha G R Chiranjeevi R	Dr. G Krishnamurthy	04	
6			Synthesis , Spectral Characterization of 2, 9,16, 23 tetra 4-aminoantipyrine substituted copper phthalocyanine	Jyothi K R Sambhavi Sinchana R	Dr. Malathesh pari	03	

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Project work/Dissertation undertaken during the year 2021-22

Sl. No.	Programme	Subject	Project/Dissertation title	Name of the students	Name of the Guides	Number of students	Total Number of students
1			Synthesis of β -amino Carbonyl derivative of Coumarin	Bhavana G M Chinmayee S B Namana U S Pavithra lakshmi T M	Dr. Vinoda B M	04	08
2	M.Sc.	Chemistry (Hon's)	Synthesis of Carbonyl Benzofuran Derivatives	Aruna V H Sathish T Tejas VR Yashawantha K R	Dr. Vinoda B M	04	
3			Synthesis of Ferrite nanoparticles by Solid state method and its Characterizations	Bhavana G M Chinmayee S B Namana U S Pavithra lakshmi T M	Dr. Vinoda B.M	04	
			Solid State synthesis and Effect of Temperature on Optical Properties of CuO Nanoparticles	Aruna V H Sathish T Tejas VR Yashawantha K R	Dr. Yathish R O	04	


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