

KARNATAK UNIVERSITY



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CERTIFICATE

This is to certify that the work exemplified in this dissertation
"GREEN SYNTHESIS OF COPPER NANOMATERIAL" submitted by Preeti
Vishwanath Bhat (Reg.no:19S05033) and Heenakousar N Malekoppa
(Reg.no:19S05018) was carried out by these students under my Supervision, for the
partial fulfillment towards the degree of *Master of Science in Chemistry*, Karnatak
University, Dharwad during the year, 2020-2021. The work is original and has not
been previously submitted for any other research degree/diploma of any university.

 27/8/2021

Prof. J. Seetharamappa
Project Supervisor



Prof. M.Y. Kariduraganavar
Chairman
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P. G. Dept of Chemistry
Karnatak University, Dharwad-3

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P. G. Department of Studies
in Chemistry

Valued
Examiner

1.  30/8/2021
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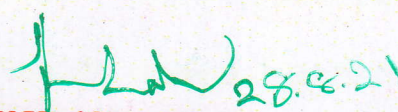
CERTIFICATE

This is certify that Akshatha. K. P (19S05001) and Shwetha. P. P(19S05059) completed their project work entitled "**GRAPHENE BASED MATERIALS FOR SUPERCAPACITOR APPLICATIONS**" for the partial fulfilment of the Degree in Master of Science in Chemistry, Karnataka University, Dharwad, during the year, 2020-2021.

This work was carried out under the guidance of **Prof. J. Seetharamappa**, Department of Studies in Chemistry, Karnataka University, Dharwad.


Prof. J. Seetharamappa

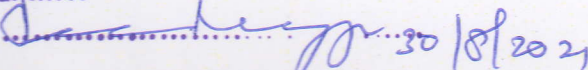
Project Supervisor
P.G.Department of
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Prof.M.Y.Kariduraganavar

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Karnataka University, Dhrawad

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CERTIFICATE

is is to certify that the work exemplified in this dissertation "Copper based nanomaterial, $\text{Cr}_2\text{O}_4/\text{CuO}$ as an electrochemical sensor for the determination of an anticancer drug, doxorubicin" submitted by Gurudev Surendra Shanbhag (Reg.no:19S05015) and Puttappa N. Shivajiraj (Reg.no.:19S05035) was carried out by these students under my Supervision, for the partial fulfillment towards the degree of *Master of Science in Chemistry*, Karnatak University, Dharwad, during the year, 2020-2021. The work is original and has not been previously submitted for any other research degree/diploma of any university.

Dr. J. Seetharamappa 27/8/2021

Project Supervisor

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P. G. Department of Studies
in Chemistry

Valued

Examiner

1. Dr. J. Seetharamappa 30/8/2021
2.

Prof. M.Y. Kariduraganavar

Chairman
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Karnatak University, Dharwad-3

Dr. V. K. REVANKAR

Professor of Inorganic Chemistry
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CERTIFICATE

This is to certify that the project work report entitled **“COORDINATION AND BIOINORGANIC CHEMSITRY OF COPPER”** submitted by *Ms. Anusha Hegde (19S05007)*, *Ms. Lavanya K. Moger (19S05022)*, *Ms. Sahana V.Pai (19S05046)*, for the award of the Degree of **Master of Science in Chemistry** is based on the result of the experiment carried out by them under my guidance and supervision.

Place: Dharwad

September 2021

Karnatak University, Dharwad-5
P.G. Department of Studies
in Chemistry

Valued
Examiner

1.

2.

Dr. V. K. Revankar

Project supervisor

Prof. M. Y. KARIDURGANAVAR

CHAIRMAN

DEPARTMENT OF CHEMISTRY
KARNATAK UNIVERSITY DHARWAD

Dr. V. K. REVANKAR

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CERTIFICATE

This is to certify that the project work report entitled
**"COORDINATION CHEMISTRY OF THIOSEMICARBAZONE
COMPLEXES"** submitted by *Ms. Bharati S Gouda (19S05010), Ms. Shweta
Madabhavi (19S05058), Ms. Suchitra H Ammannavar (19S05064)*, for the award of the
Degree of **Master of Science in Chemistry** is based on the result of the
experiment carried out by them under my supervision.

Place: Dharwad

Date: September 2021

Dr. V. K. Revankar

Project supervisor

Prof. M. Y. KARIDURGANAVAR

CHAIRMAN

DEPARTMENT OF CHEMISTRY

KARNATAK UNIVERSITY DHARWAD

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Certificate

This is to certify that the dissertation entitled **"Spectral Interpretation of 8-Hydroxy-quinoline-2-carbaldehyde-4-amino antipyrine hydrazone and its transition metal complexes"** submitted by **Miss. Veena Sree K.** for the partial fulfillment of the Master of Science in Chemistry is based on the studies carried out by her under my supervision.

Dharwad

30th August, 2021


V. K. Revankar
Project supervisor

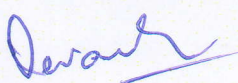

Chairman

Examiners:

- 1.
- 2.

Karnatak University, Dharwad
P. G. Department of Studies
in Chemistry

Valued
Examiner



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Certificate

This is to certify that the dissertation entitled **“Spectral Interpretation of 8-Hydroxy quinoline-2-carbaldehyde-2-hydrazino benzothiazole hydrazone and its transition metal complexes”** submitted by **Miss. Sadiqa.D** for the partial fulfillment of the Master of Science in Chemistry is based on the studies carried out by her under my supervision.

Dharwad

30th August, 2021

V. K. Revankar

V. K. Revankar
Project supervisor

[Signature]

Chairman

Examiners:

Karnatak University, Dharwad-3
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Certificate

This is to certify that the dissertation entitled **“Spectral Interpretation of 8-Hydroxy quinoline-2-carbaldehyde-2-hydrazino benzimidazole hydrazone and its transition metal complexes”** submitted by **Mr. Satyamurthy F Kenchannavar** for the partial fulfillment of the Master of Science in Chemistry is based on the studies carried out by him under my supervision.

Dharwad

30th August, 2021

V. K. Revankar

V. K. Revankar
Project supervisor

[Signature]
Chairman 28.8.21

Examiners:

Karnatak University, Dharwad.
P. G. Department of Studies
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KARNATAK UNIVERSITY



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CERTIFICATE

This is to certify that the work exemplified in this dissertation “**Synthesis and Structural Characterization of Mixed Ligand Ruthenium (II) Polypyridyl Complexes containing Schiff Base Ligands**” submitted by **CHANDRASHEKHAR MELAGADE (Reg.No:19S05012)** was carried out by him/her under my supervision, for the partial fulfillment towards the degree of Master of Science in Chemistry, Karnatak University, Dharwad during the year 2020-2021. The work is original and has not been previously submitted for any other research degree/diploma of any university.

Prof. V. K. Revankar
Project Supervisor

Prof. M.Y. Kariduraganavar
Chairman

Dr. Satish S. Bhat
Project Co-Supervisor

Karnatak University, Dharwad.
P. G. Department of Studies
in Chemistry

Valued

Examiner

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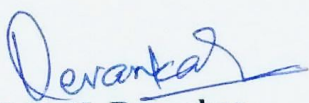



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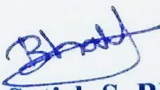
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CERTIFICATE

This is to certify that the work exemplified in this dissertation **"Synthesis and Structural Characterization of Mixed Ligand Ruthenium (II) Polypyridyl Complexes containing Schiff Base Ligands"** submitted by **KAVYA JUTTANNAVAR (Reg.No: 19S05020)** was carried out by him/her under my supervision, for the partial fulfillment towards the degree of Master of Science in Chemistry, Karnatak University, Dharwad during the year 2020-2021. The work is original and has not been previously submitted for any other research degree/diploma of any university.

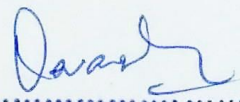

Prof. V. K. Revankar
Project Supervisor


Prof. M.Y. Kariduraganavar 28.8.21
Chairman


Dr. Satish S. Bhat
Project Co-Supervisor

Karnatak University, Dharwad-3
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CERTIFICATE

This is to certify that the work exemplified in this dissertation **“Synthesis and Structural Characterization of Mixed Ligand Ruthenium (II) Polypyridyl Complexes containing Schiff Base Ligands”** submitted by **TEJASHWINI S. K.** (Reg.No:19S05070) was carried out by him/her under my supervision, for the partial fulfillment towards the degree of Master of Science in Chemistry, Karnatak University, Dharwad during the year 2020-2021. The work is original and has not been previously submitted for any other research degree/diploma of any university.

Prof. V. K. Revankar

Project Supervisor

Prof. M.Y. Kariduraganavar

Chairman

Dr. Satish S. Bhat

Project Co-Supervisor

Karnatak University, Dharwad
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P.G. Department of Studies
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1. *[Signature]* 23.08.21
2.

CERTIFICATE

This is to certify that the project work report entitled "**STUDY OF SYNTHESIS AND CHARACTERISATION OF SCHIFF BASES AND THEIR TRANSITION METAL COMPLEXES**" Submitted by **Miss. AMULYA R NAIK (19S05002)**, **Miss. ASHWINI G PAI (19S05009)**, **Miss. M H NISHA (19S05023)**, for the award of the Degree of **Master of Science in CHEMISTRY** is based on the result of the experiment carried out by them under my supervision.

PLACE: DHARWAD

DATE: ²⁸ JULY 2021

Dr. N.B.MALLUR

Project supervisor

Prof. M. Y. KARIDURGANAVAR

CHAIRMAN

DEPARTMENT OF CHEMISTRY

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Professor of Chemistry

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e-mail: kb gudasi@gmail.com

Residence: 'Neelambika', 2nd Main, 1st Main, Shaktinagar, DHARWAD-580 004

CERTIFICATE

This is to certify that the dissertation entitled "*A review on Application of ferrocene derivatives in medicinal chemistry*" submitted by **Mr. Naveen Mudnur** (Reg. no. 19S05026) to the Karnatak University, Dharwad, for the M.Sc. IV semester for the award of the degree of Master of Science in Chemistry is based on the results of the experiments carried out by him under my supervision.

Further it is certified that this work has not already been submitted wholly or in part, for any other Degree or Diploma to this or any other University.

Place: Dharwad

Date: 28.08.21

Project Supervisor

(Prof. K. B. Gudasi)

Dr. K. B. Gudasi
Professor of Chemistry
Dept of Chemistry
Karnatak University, Dharwad-3

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Examiner

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CERTIFICATE

This is to certify that the dissertation entitled "*A review of literature on copper(II) complexes of pyridine-2,6-dicarboxamides*" submitted by Mr. Sukesh Mahajan (Reg. no. 19S05066) to the Karnatak University, Dharwad, for the M.Sc. IV semester for the award of the degree of Master of Science in Chemistry is based on the results of the experiments carried out by him under my supervision.

Further it is certified that this work has not already been submitted wholly or in part, for any other Degree or Diploma to this or any other University.

Place: Dharwad

Date: 28.08.21

Project Supervisor

(Prof. K. B. Gudasi)

Dr. K. B. Gudasi

Professor of Chemistry

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in Chemistry

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Karnatak



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CERTIFICATE

This is to certify that the dissertation entitled "*A review of literature on copper(II) complexes of pyridine-2,6-dicarboxamides*" submitted by **Mr. Vasu Lamani** (Reg. no. 19S05072) to the Karnatak University, Dharwad, for the M.Sc. IV semester for the award of the degree of Master of Science in Chemistry is based on the results of the experiments carried out by ~~him~~ under my supervision.

Further it is certified that this work has not already been submitted wholly or in part, for any other Degree or Diploma to this or any other University.

Place: Dharwad

Date: 28.08.21

Karnatak University, Dharwad-
P. G. Department of Studies
in Chemistry

Valued

Examiner

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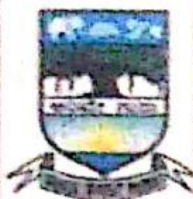
Project Supervisor

(Prof. K. B. Gudasi)

Dr. K. B. Gudasi
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Dr. V. K. REVANKAR

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CERTIFICATE

This is to certify that the project work report entitled "**COORDINATION CHEMISTRY OF SCHIFF BASE LIGANDS**" submitted by *Mr. Jayanth J Konaraddi (19s25008)* and *Mr. Basavanneppa Akki (19s25005)* for the award of the M.Sc Degree in *Department of Science in Chemistry* is based on the result of the experiment carried out by them under my supervision.

Karnatak University, Dharwad
P. G. Department of Studies
in Chemistry

Valued
Examiner

Place: Dharwad

1.

Dr. V. K. Revankar

Date: September 2021

2.

Project supervisor

Prof. M. Y. KARIDURGANAVAR

CHAIRMAN

DEPARTMENT OF CHEMISTRY
KARNATAK UNIVERSITY DHARWAD

CHAIRMAN

P. G. Dept of Chemistry
Karnatak University, Dharwad-3

KARNATAK UNIVERSITY



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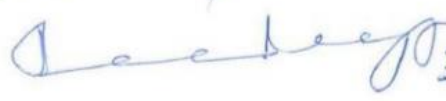
This is to certify that the work exemplified in this dissertation "literature survey on analytical methods used in analysis of aspirin and nicotine" submitted by Adarsh S Amatennavar (19S25001) and Sampada M Gaonkar (19S25015) was carried out by these students under my Supervision, for the partial fulfillment towards the degree of *Master of Science in Chemistry*, Karnatak University, Dharwad, during the year, 2020-2021. The work is original and has not been previously submitted for any other research degree/diploma of any university.


Prof. J.Seetharamappa

Project Supervisor


Prof. M.Y. Kariduraganavar

Chairman

Examined
 31/8/2021



Dr. K. M. Hosamani

M.Sc., Ph.D., B.L.I.Sc., LL.B (Spl), LL.M., PGDCA., D.Pharm.

(Post-doc Research Work at University of Oxford, Oxford)

Former Chairman & Former Registrar,
Professor of Organic Chemistry

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E-mail : dr_kmhosamani@yahoo.co.in

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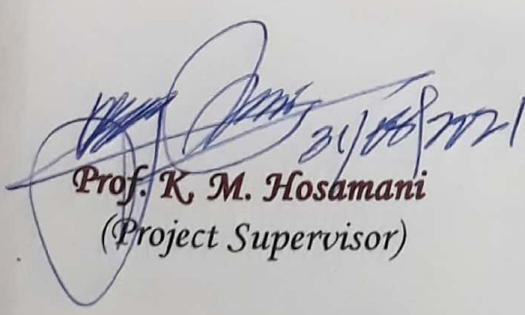
prof.k.m.hosamani.1960@gmail.com

University with Potential for Excellence & Re-accredited by NAAC with “A” grade

31/08/2021

CERTIFICATE

This is to certify that the dissertation entitled “**Synthesis of Azo dyes and Azo Schiff’s bases**” submitted by **Miss. Anusha Datturao Desai** for the award of the Degree of Master of Science in Organic Chemistry is based on the results of the experiments carried out under the guidance of **Prof. K. M. Hosamani** at P.G. Department of studies in Chemistry, Karnatak University, Dharwad.


Prof. K. M. Hosamani
(Project Supervisor)

Chairman



Dr. K. M. Hosamani

M.Sc., Ph.D., B.L.I.Sc., LL.B (Spl.), LL.M., PGDCA., D.Pharm.

(Post-doc Research Work at University of Oxford, Oxford)

Former Chairman & Former Registrar,

Professor of Organic Chemistry

P. G. Department of Studies in Chemistry

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Res: Dr. K. M. Hosamani

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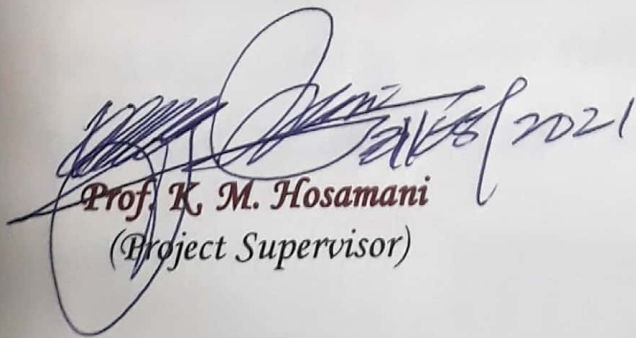
prof.k.m.hosamani.1960@gmail.com

University with Potential for Excellence & Re-accredited by NAAC with "A" grade

31/08/2021

Certificate

This is to certify that the dissertation entitled "*Synthesis of coumarin Derivatives*" submitted by **Miss. Shivani Radder** for the award of the Degree of Master of Science in ^{Analytical} Organic Chemistry is based on the results of the experiments carried out under the guidance of **Prof. K. M. Hosamani** at P.G. Department of studies in Chemistry, Karnatak University, Dharwad.


Prof. K. M. Hosamani
(Project Supervisor)

Chairman



Dr. K. M. Hosamani

M.Sc., Ph.D., B.L.I.Sc., LL.B (Spl.), LL.M., PGDCA., D.Pharm.

(Post-doc Research Work at University of Oxford, Oxford)

Former Chairman & Former Registrar,

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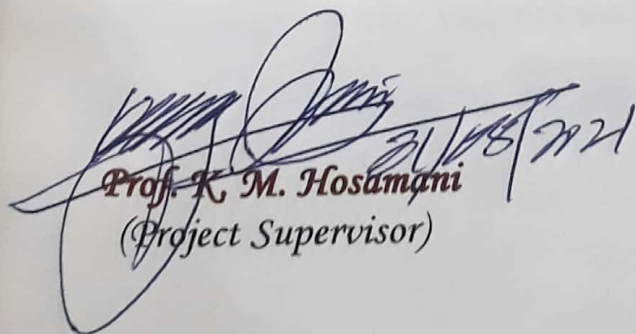
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31/08/2021

Certificate

*This is to certify that the dissertation entitled "Synthesis of 1,3,4-Thiadiazole Derivatives" submitted by **Miss. Rashmi D. Hegde** in partial fulfillment of the requirement for the award of the Degree of Master of Science in Organic Chemistry is based on the results of the experiments carried out under the guidance of **Prof. K. M. Hosamani** at P.G. Department of Studies in Chemistry, Karnatak University, Dharwad.*


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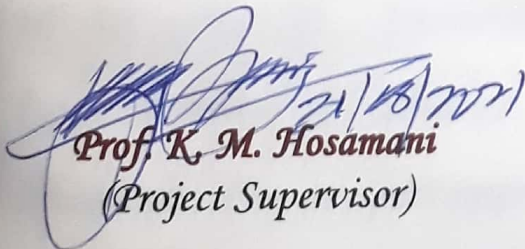
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This is to certify that the dissertation entitled "*Synthesis of Schiff's bases via benzimidazole derivatives*" submitted by **Miss. Sahana Javalageri**, in the partial fulfillment of the award of the Degree of Master of Science in Organic Chemistry is based on the results of the experiments carried out under the guidance of **Prof. K. M. Hosamani** at P.G. Department of studies in Chemistry, Karnatak University, Dharwad.


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This is to certify that the dissertation entitled “*Synthesis of coumarin Derivatives*” submitted by **Miss.Sunita Nigadi** for the award of the Degree of Master of Science in ^{Analytical} ~~Organic~~ Chemistry is based on the results of the experiments carried out under the guidance of **Prof. K. M. Hosamani** at P.G. Department of studies in Chemistry, Karnatak University, Dharwad.


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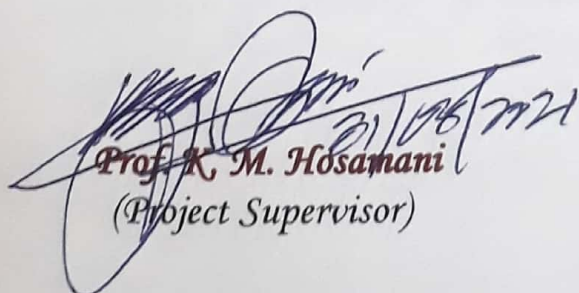
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*This is to certify that the dissertation entitled "Synthesis of Benzimidazole Derivatives using PTA as a catalyst" submitted by **Miss. Sneha S. Sulakhe** in partial fulfillment of the requirement for the award of the Degree of Master of Science in Organic Chemistry is based on the results of the experiments carried out under the guidance of **Prof. K. M. Hosamani** at P.G. Department of Studies in Chemistry, Karnatak University, Dharwad.*


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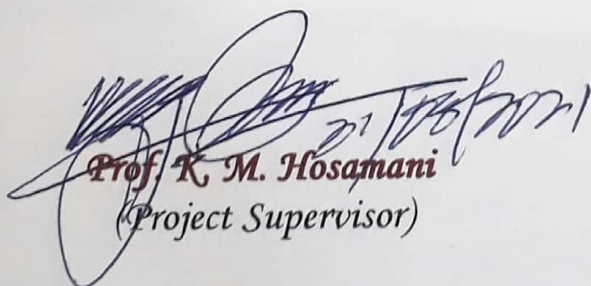
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*This is to certify that the dissertation entitled "**Synthesis of coumarinyl chalcone derivatives**" submitted by **Miss. Shreelakshmi Bhat** for the partial fulfillment of requirement for the award of the Degree of Master of Science in Organic Chemistry is based on the results of the experiments carried out under the guidance of **Prof. K. M. Hosamani** at P.G. Department of studies in Chemistry, Karnatak University, Dharwad.*


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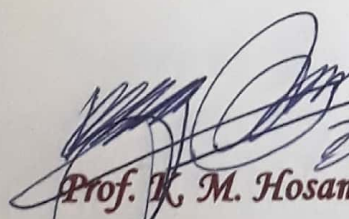
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*This is to certify that the dissertation entitled "Synthesis of Coumarin based Schiff's Bases" submitted by **Ms. Sahana Nagesh Shet** in the partial fulfillment of the requirement for the award of the Degree of Master of Science in Organic Chemistry is based on the results of the experiments carried out under the guidance of **Prof. K. M. Hosamani** at P.G. Department of studies in Chemistry, Karnatak University, Dharwad.*


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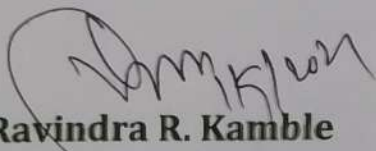
ಕರ್ನಾಟಕ ವಿಶ್ವವಿದ್ಯಾಲಯ ಧಾರವಾಡ

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NAAC REACCREDITED WITH "A" GRADE - 2014

CERTIFICATE

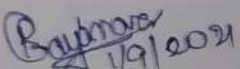
This is to certify that **Miss Divya Kamalakar Hegde, Miss Keerti Shankargouda Patil, Mr. Rahul Hanamant Karoshi, Mr. Ramesha, Mr. Sathish J & Miss Sayeda Romania Banu** has successfully carried out the project work entitled "**A Review on the Synthesis, Reactions and Pharmacological Importance of 2-Chloro-3-formyl Quinoline**" under my supervision and co-supervision of Dr. Praveen K. Bayannavar in the Department of Studies in Chemistry, Karnatak University, Dharwad. This project report is being submitted in partial fulfillment of the requirement for the Degree of Master of Science in Chemistry.


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Place: Dharwad

Date: 01/09/2021


Dr. Praveen K. Bayannavar



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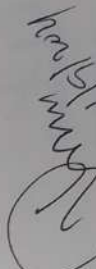
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This is to certify that **Mr. Naveed Ahamad Mujahid, Miss Sujatha M. Kattimani** has successfully carried out the project work entitled "**Effect of Substituents on the UV/Vis Spectra of Some Coumarin Derivatives - A Review**" under my guidance and under co-supervision of Dr. Saba Kauser J. Shaikh in the Department of Studies in Chemistry, Karnatak University, Dharwad. This project report is being submitted in partial fulfillment of the requirement for the Degree of Master of Science in Chemistry.


Dr. Ravindra R. Kamble
Research supervisor

Dr. Ravindra R. Kamble
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Place: Dharwad

Date:


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This is to certify that **Mr. PAVAN B SABNIS AND Mr. SHREEKANTH S KULKARNI** have successfully carried out the project work entitled "**Literature Survey On Junjappa Ila Annulation Reaction**" under my supervision. The project reports being submitted in partial fulfillment of the requirement for the degree of Master of Science in Chemistry.

Place: Dharwad

Date : 01st September, 2021

Dr. L. A. Shastri

Research Supervisor

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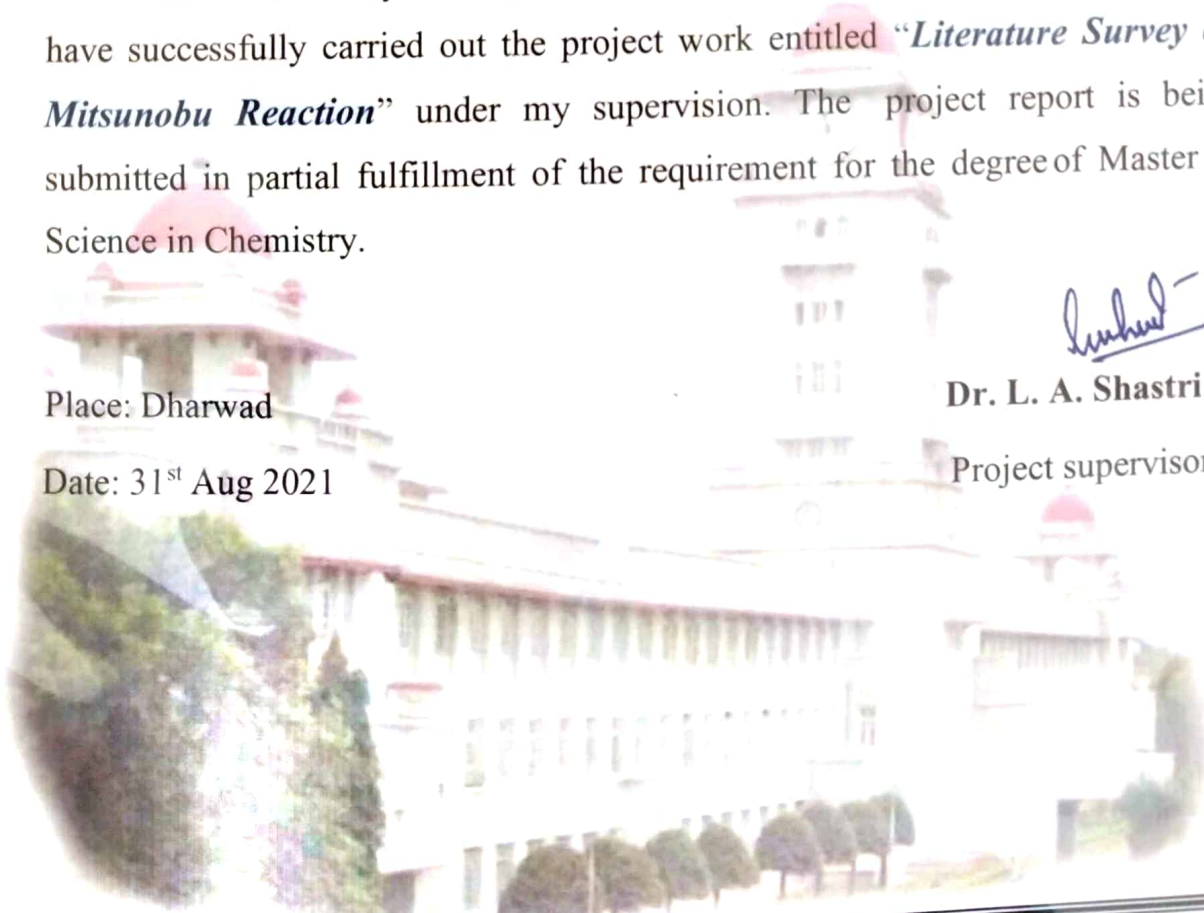
This is to certify that **Miss. Samana Kulkarni** and **Miss. Ashwini Naik** have successfully carried out the project work entitled "*Literature Survey on Mitsunobu Reaction*" under my supervision. The project report is being submitted in partial fulfillment of the requirement for the degree of Master of Science in Chemistry.

Place: Dharwad

Date: 31st Aug 2021

Dr. L. A. Shastri

Project supervisor



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This is to certify that Ms. Harsha Devamane and Ms. Sandhya Channagiri have successfully carried out the project work entitled “Literature Survey On Hoffmann-Löffler-Freytag Reaction” under my supervision. The project reports being submitted in partial fulfillment of the requirement for the degree of Master of Science in Chemistry.

Place: Dharwad

Date: 31st August, 2021

Dr. L. A. Shastri

Research Supervisor

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This is to certify that Pallavi Anant Pattar, Rajeshwari Alur, Saraswati S Ganiger, Shilpa Venkatesh Shet, Shweta R Hiremath, Sujan M Salimath, Suma G, Sushma S Kotralli, Vinayak N Vernekar, have carried out the dissertation work entitled Synthesis of Indazole, 1,2,3-Triazole, Pyrimidinone Analytical profile of Micanazole under my supervision at P.G Department of studies in Chemistry, Karnatak university Dharwad. This project report is being submitted in partial fulfillment of the requirement for the award of the degree of Master of Science in Organic Chemistry.

Place: Dharwad

Date: 01/09/2021 .

Dr. K. Sujatha

project supervisor

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1.	Gurudevi D. Totad	One-pot facile green synthesis OF Ag-ZnO nanocomposite using Lemon (citrus-Limon) fruit peel ash waste as a bio-reductant	Dr. R. B Chougale
2.	Jyoti K. Kalawad	One-pot facile green synthesis OF Ag-ZnO nanocomposite using Lemon (citrus-Limon) fruit peel ash waste as a bio-reductant	Dr. R. B Chougale
3.	Sangavva Muddennavar	Exploration of spectroscopic and mechanical properties of piper betel leaves extract incorporated polyvinyl alcohol/ oxidized maize starch blend films	Dr. R. B Chougale
4.	Praveen Bhaskari	Exploration of spectroscopic and mechanical properties of piper betel leaves extract incorporated polyvinyl alcohol/ oxidized maize starch blend films	Dr. R. B Chougale
5.	Anusha Bandari	Influence of gallic acid on multifunctional properties of poly(vinyl alcohol) tragacanth blend films	Dr. R. B Chougale
6.	Simrantaj Byadgi	Influence of gallic acid on multifunctional properties of poly(vinyl alcohol) tragacanth blend films	Dr. R. B Chougale
7.	Vishanka Sawanth	Influence of gallic acid on multifunctional properties of poly(vinyl alcohol) tragacanth blend films	Dr. R. B Chougale
8.	Vanita M. Naik	Evaluation of mechanical and spectroscopic properties of basella alba stem extract incorporated poly(vinyl alcohol) films	Dr. R. B Chougale
9.	Brahmanand M.K	Evaluation of mechanical and spectroscopic properties of basella alba stem extract incorporated poly(vinyl alcohol) films	Dr. R. B Chougale
10.	Lata B. Somannavar	Assesment of thermal properties of basella alba stem extract incorporated poly(vinyl alcohol) films	Dr. R. B Chougale
11.	Nivedita C.Timmangoudra	Assesment of thermal properties of basella alba stem extract incorporated poly(vinyl alcohol) films	Dr. R. B Chougale
12.	AshwiniPujara	Polymer Nano composite Membranes for Pervaporation	Prof. M Y. Kariduraganavar
13.	Sharada S. Medegar	Polymer Nano composite Membranes for Pervaporation	Prof. M Y. Kariduraganavar
14.	Sumangala V. Goudar	Polymer Nano composite Membranes for Pervaporation	Prof. M Y. Kariduraganavar
15.	Megha H. Bangari	Tissue Engineering Approaches for Cancer Therapy	Prof. M Y. Kariduraganavar

16.	BhuvaneshwariLambi	Tissue Engineering Approaches for Cancer Therapy	Prof. M Y. Kariduraganavar
17.	Raghavi R. Rathakar	Tissue Engineering Approaches for Cancer Therapy	Prof. M Y. Kariduraganavar
18.	RakeshByadagi	Tissue Engineering Approaches for Cancer Therapy	Prof. M Y. Kariduraganavar
19.	Sourabh B. Magadum	Tissue Engineering Approaches for Cancer Therapy	Prof. M Y. Kariduraganavar
20.	Archana Naik G S	Kinetics of Some simple organic compounds by diperiodatoargentate(III) in aqueous alkaline medium	Prof. S. T. Nandibewoor
21.	Channabasava	Kinetics of Some simple organic compounds by diperiodatoargentate(III) in aqueous alkaline medium	Prof. S. T. Nandibewoor
22.	Sahana Hiremath	Kinetics of Some simple organic compounds by diperiodatoargentate(III) in aqueous alkaline medium	Prof. S. T. Nandibewoor
23.	Pratibha I K	Kinetics of Some carbohydrates by diperiodatoargentate(III) in alkaline medium	Prof. S. T. Nandibewoor
24.	Sangamesh Maganoor	Kinetics of Some carbohydrates by diperiodatoargentate(III) in alkaline medium	Prof. S. T. Nandibewoor
25.	Sindu I Sanakal	Electrochemical oxidation of some drugs at grapheme modified glassy carbon electrode	Prof. S. T. Nandibewoor
26.	Vidya M Khadake	Electrochemical oxidation of some drugs at grapheme modified glassy carbon electrode	Prof. S. T. Nandibewoor
27.	Priya H Roddanavar	Kinetics of Some amino acids by diperiodatoargentate(III) in alkaline medium	Prof. S. A. Chimatadar
28.	Manjula	Kinetics of Some amino acids by diperiodatoargentate(III) in alkaline medium	Prof. S. A. Chimatadar
29.	Usha Rani	Electrochemical oxidation of some drugs using graphite pencil electrode	Prof. S. A. Chimatadar
30.	Kaveri Mathapati	Electrochemical oxidation of some drugs using graphite pencil electrode	Prof. S. A. Chimatadar