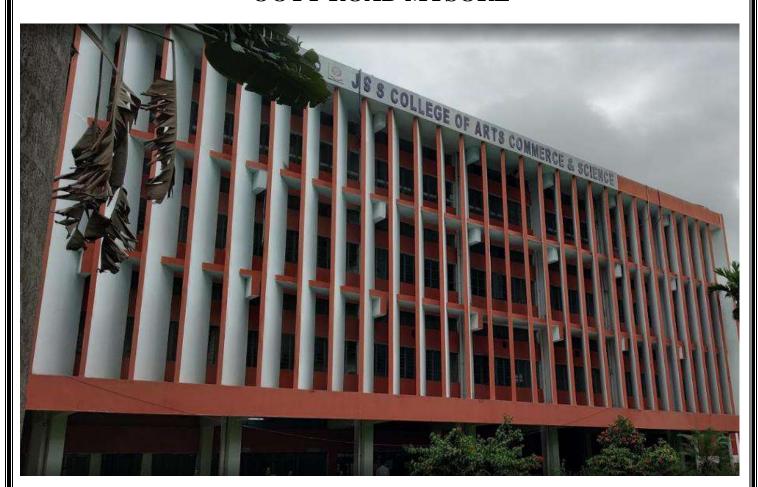


JSS MAHAVIDYAPEETHA JSS COLLEGE OF ARTS COMMERCE AND SCIENCE

(Autonomous, NAAC 'A' Grade and College with Potential for Excellence)
OOTY ROAD MYSORE



STUDENT CENTRIC &CTIVITIES
PROBLEM SOLVING

METHODOLOGIES



JSS COLLEGE OF ARTS, COMMERCE & SCIENCE

(An Autonomous College of University of Mysore)
Re-accredited by NAAC with 'A' grade
Recognised by UGC as "College with Potential for Excellence"

OOTY ROAD, MYSURU-570 025, KARNATAKA

☎: 0821-2548236 & 2548380 Fax: 0821-2548238 E-mail: jssautonomous@gmail.com www. jsscacs.edu.in

CERTIFICATE

This is to certify that the project work entitled "Diverse Role of Sulphur-Heterocycles in Medicinal Chemistry" submitted by Akantheshwari M.V. is based on the investigations carried out by her under the guidance of Dr R. Suhas, Postgraduate Department of Chemistry of this college.

(Prof. H. C. Honnappa)

Principal PAL

JSS College of Arts, Commerce & Science

Ooty Ross, MYSURU-25

JSS MAHAVIDYAPEETA JSS COLLEGE OF ARTS, COMMERCE AND SCIENCE



(An Autonomous College of University of Mysore)

Re-accredited by NAAC with 'A' grade

Recognized by UGC as "College with Potential for Excellence"



This is to certify that the dissertation entitled 'A review on synthesis and biomedical application of Fe based Nanomaterials' submitted to the JSS College of Arts, Commerce and Science by Mr Amruth H D Gowda under the guidance of Dr. Mallikarjunaswamy C, for the partial fulfilment of the requirement of the award of the degree of Master of Science in Chemistry during the year 2020-21.

Place: Mysuru

Date: 30/8/2021

Principal

(Dr. H C Honnappa)

PRINCIPAL

JSS College of Arts, Cummerce & Science

Ooty Rowl, MYSURU-25



JSS MAHAVIDYAPEETHA JSS COLLEGE OF ARTS, COMMERCE & SCIENCE (An Autonomous College of University of Mysore) B.N. ROAD, MYSURU-570 025 KARNATAKA

Re-accredited by NAAC with 'A' grade
Recognised by UGC as "College with Potential for Excellence"

Ph: 0821-2548236 & 2548380. FAX: 0821-2548238 E-mail:

issautonomous@gmail.com Website: JSSCACS.edu.in

CERTIFICATE

This is to certify that the dissertation entitled "REVIEW OF LITERATURE ON SYNTHESIS OF CERCUMIN AND ITS MEDICINAL APPLICATION" submitted to the JSS College of Arts, Commerce and Science by Ms AMRUTHA M under the guidance of Dr. N. VIJENDRA KUMAR, for the partial fulfilment of the requirement of the award of the degree of Master of Science in Chemistry during the year 2020-2021.

Place: Mysuru

Date: 2 9 2021

Principal

JSS Coffese of Arts, Curimerce & Science

Ooty Road MYSURU-25



JSS COLLEGE OF ARTS, COMMERCE & SCIENCE

(An Autonomous College of University of Mysore)
B.N. ROAD, MYSURU-570 025 KARNATAKA

Re-accredited by NAAC with 'A' grade Recognised by UGC as "College with Potential for Excellence"

Ph: 0821-2548236 & 2548380. FAX: 0821-2548238 E-mail. jssautonomous@gmail.com Website: JSSCACS.edu.in

CERTIFICATE

This is to certify that the dissertation entitled "REVIEW OF LITERATURE ON 2-CHLORO 3-METHYL PYRIDINE DERIVATIVES" submitted to the JSS College of Arts, Commerce and Science by Mr. ARVIND M under the guidance of Dr. L. MALLESHA, for the partial fulfillment of the requirement of the award of the degree of Master of Science in Chemistry during the year 2020-21.

Place: Mysuru

Date: 02-09-2021

Principal

PRINCIPAL

JSS College of Arts, Cummerce & Science
Ooty Rop : MYSURU-25

JSS COLLEGE OF ARTS, COMMERCE & SCIENCE

(An Autonomous College of University of Mysore)
B.N. ROAD, MYSURU-570 025 KARNATAKA

Re-accredited by NAAC with 'A' grade Recognised by UGC as "College with Potential for Excellence"

Ph. 0821-2548236 & 2548380 FAX 0821-2548238 E-mail <u>pssautonomous@gmail.com</u> Website JSSCACS edu in

CERTIFICATE

This is to certify that the dissertation entitled "REVIEW OF LITERATURE ON 2,5-DICHLORO PYRIMIDINE DERIVATIVES" submitted to the JSS College of Arts, Commerce and Science by Mr. ASHWATH U. L. under the guidance of Dr. L. MALLESHA, for the partial fulfillment of the requirement of the award of the degree of Master of Science in Chemistry during the year 2020-2021.

Place: Mysuru

Date: 2/9/2021

Principal

JSS College of Arts, Culmerce & Scient



JSS COLLEGE OF ARTS, COMMERCE & SCIENCE

(An Autonomous College of University of Mysore) B.N. ROAD, MYSURU-570 025 KARNATAKA

Re-accredited by NAAC with 'A' grade Recognised by UGC as "College with Potential for Excellence"

Ph: 0821-2548236 & 2548380. FAX: 0821-2548238 E-mail. jssautonomous@gmail.com Website: JSSCACS.edu.in

CERTIFICATE

This is to certify that the dissertation entitled "Literature survey on

Synthesis of iron oxide nanoparticles submitted to the JSS College of Arts, Commerce and Science by BASAVARAJU B M under the guidance of Dr. Mahadeva Swamy.M for the partial fulfillment of the requirement of the award of the degree of Master of Science in Chemistry during the year 2020-21.

Place: Mysuru

Date:

Job College of Arts, Continence & Science Ooty Road MYSURU-25

JSS COLLEGE OF ARTS, COMMERCE AND SCIENCE

Ooty Road, Mysuru-570025

(An Autonomous College of University of Mysore)

Re-accredited by NAAC with 'A' grade

Recognized by UGC as "College with Potential for Excellence"



CERTIFICATE

This is to certify that the dissertation entitled "A review of synthesis methods, characterization and applications of bismuth tungstate nanoparticles" submitted to the JSS College of Arts, Commerce and Science by Mr. Bharath S under the guidance of Miss. Pramila S for the partial fulfilment of the requirement of the award of the degree of Master of Science in Chemistry during the year 2020-21.

Place: Mysuru Date: 02/09/21

Principal (Dr. H C Honnappa)

PRINCIPAL

JSS College of Arts, Contimerce & Science

Ooty Road MYSURU-25



JSS COLLEGE OF ARTS, COMMERCE & SCIENCE

(An Autonomous College of University of Mysore)
Re-accredited by NAAC with 'A' grade
Recognised by UGC as "College with Potential for Excellence"

OOTY ROAD, MYSURU-570 025, KARNATAKA

■: 0821-2548236 & 2548380 Fax: 0821-2548238 E-mail: jssautonomous@gmail.com www. jsscacs.edu.in

CERTIFICATE

This is to certify that the project work entitled "Recent Advances in the Development of New Boron Containing Therapeutic Agents" submitted by Bhavani H. S. is based on the investigations carried out by her under the guidance of Dr R. Suhas, Postgraduate Department of Chemistry of this college.

(Prof. H. C. Honnappa)

JSS College of Arts, Commerce & Science Ooty Road, MYSURU-25

JSS COLLEGE OF ARTS, COMMERCE & SCIENCE

(An Autonomous College of University of Mysore)
Re-accredited by NAAC with 'A' grade
ESTD-1964 Recognized by UGC as "College with Potential for Excellence"
B N ROAD, MYSURU-570 025, KARNATAKA

10821-2548236 & 2548380 Fax: 0821-2548238 E-mail: issautonomous@gmail.com www.jsscacs.edu.in

CERTIFICATE

This is to certify that the dissertation entitled "TECHNIQUES AND METHOD EMPLOYED FOR ASSAY OF TRAMADOL HYDROCHLORIDE" submitted to the JSS College of Arts, Commerce and Science, Ooty Road, Mysuru, by Miss. BINDU S U under the guidance of Dr.N. RAJENDRAPRASAD, for the partial fulfillment of the requirement of the award of degree 'Master of Science in Chemistry' during the year 2020-21.

Place: Mysuru

Date: 3-9-2021

Principal



JSS COLLEGE OF ARTS, COMMERCE & SCIENCE

(An Autonomous College of University of Mysore)
Re-accredited by NAAC with 'A' grade
Recognised by UGC as "College with Potential for Excellence"

OOTY ROAD, MYSURU-570 025, KARNATAKA

☎: 0821-2548236 & 2548380 Fax: 0821-2548238 E-mail: jssautonomous@gmail.com www. jsscacs.edu.in

CERTIFICATE

This is to certify that the project work entitled "Diverse Role of Sulphur-Heterocycles in Medicinal Chemistry" submitted by Chandan S is based on the investigations carried out by him under the guidance of Dr R. Suhas, Postgraduate Department of Chemistry of this college.

(Prof. H. C.Monnappa)Science



JSS COLLEGE OF ARTS, COMMERCE & SCIENCE

(An Autonomous College of University of Mysore)
Re-accredited by NAAC with 'A' grade
Recognised by UGC as "College with Potential for Excellence"

OOTY ROAD, MYSURU-570 025, KARNATAKA

■: 0821-2548236 & 2548380 Fax: 0821-2548238 E-mail: issautonomous@gmail.com www. jsscacs.edu.in

CERTIFICATE

This is to certify that the project work entitled "Diverse Role of Sulphur-Heterocycles in Medicinal Chemistry" submitted by Cherri A. Appaji is based on the investigations carried out by her under the guidance of Dr R. Suhas, Postgraduate Department of Chemistry of this college.

(Prof. H. C. Honnappa)

H24

PrincipalPAL
USS Colors of Arts, Cummeros & Science
Ooly Rosel, MYSURU-25



ESTD-1964

JSS COLLEGE OF ARTS, COMMERCE & SCIENCE

(An Autonomous College of University of Mysore)

Re-accredited by NAAC with 'A' grade

Recognised by UGC as "College with Potential for Excellence"

B N ROAD, MYSURU-570 025, KARNATAKA

□: 0821-2548236 &2548380 Fax: 0821-2548238 E-mail: issautonomous@gmail.com www.jsscacs.edu.in

CERTIFICATE

This is to certify that the dissertation entitled "A SURVEY ON ANALYTICAL ASSAY METHODS FOR DICLOFENAC SODIUM" submitted to the JSS College of Arts, Commerce and Science, Ooty Road, Mysuru, by Miss. CHETHANA S under the guidance of Dr.N. RAJENDRAPRASAD, for the partial fulfillment of the requirement of the award of degree 'Master of Science in Chemistry' during the year 2020-21.

Place: Mysuru

Date: 2 9 2021

PERRITAPAL

SS College of Arts, Cummerce & Science

JSS College of Arts, Cummerce & Science

MYSURU-25

JSS COLLEGE OF ARTS, COMMERCE & SCIENCE

(An Autonomous College of University of Mysore)
B.N. ROAD, MYSURU-570 025 KARNATAKA

Re-accredited by NAAC with 'A' grade Recognised by UGC as "College with Potential for Excellence"

Ph: 0821-2548236 & 2548380. FAX: 0821-2548238 E-mail: jssautonomous@gmail.com Website: JSSCACS.edu in

CERTIFICATE

This is to certify that the dissertation entitled "Literature survey on synthesis of Zr nanoparticles using Rudraksha seed extract" submitted to the JSS College of Arts, Commerce and Science by Durgashree D.S under the guidance of Dr.Mahadeva swamy.M, for the partial fulfillment of the requirement of the award of the degree of Master of Science in Chemistry during the year 2020-21.

Place: Mysuru

Date: 25/8/21

Principal

JSS College of Arts, Commerce & Science Ooty Road MYSURU-25



JSS COLLEGE OF ARTS, COMMERCE & SCIENCE

(An Autonomous College of University of Mysore) B.N. ROAD, MYSURU-570 025 KARNATAKA

Re-accredited by NAAC with 'A' grade Recognised by UGC as "College with Potential for Excellence"

Ph. 0821-2548236 & 2548380, PAX: 0821-2548238 K-mail: psautononous.com Website: JSSCACS.edu.in

CERTIFICATE

This is to certify that the dissertation entitled "REVIEW OF DERIVATIVES" 2,5-DICHLOROPYRIMIDINE LITERATURE ON submitted to the JSS College of Arts, Commerce and Science by Mr. GIRISHA N under the guidance of Dr. MALLESHA L., for the partial fulfillment of the requirement of the award of the degree of Master of Science in Chemistry during the year 2020-21.

Place: Mysuru

Date: 02-09-2021

rincipal

JSS Coffeye of Arts, Commerce & Science Octy Ros MYSURU-25



JSS MAHAVIDYAPEETHA JSS COLLEGE OF ARTS, COMMERCE & SCIENCE

(An Autonomous College of University of Mysore)

B.N. ROAD, MYSURU-570 025 KARNATAKA

Po accordited by NAAC with 'A' grade

Re-accredited by NAAC with 'A' grade
Recognised by UGC as "College with Potential for Excellence"

Ph. 0821-2548236 & 2548380. FAX. 0821-2548238 E-mail: <u>pseutonomous@gmail.com</u> Website. JSSCACS edu.in

CERTIFICATE

This is to certify that the dissertation entitled "Review on Electrical properties of Polymer nanocomposites" submitted to the JSS College of Arts, Commerce and Science by Ms. HARSHITHA G under the guidance of KAVYA H.V, for the partial fulfillment of the requirement of the award of the degree of Master of Science in Chemistry during the year 2020-21.

Place: Mysuru

Date: 02/09/2021

Principal

PRINCIPAL

JSS Coffege of Arts, Cummerce & Science
Ooty Roam MYSURU-25

JSS COLLEGE OF ARTS, COMMERCE AND SCIENCE

Ooty Road, Mysuru-570025

(An Autonomous College of University of Mysore)

Re-accredited by NAAC with 'A' grade

Recognized by UGC as "College with Potential for Excellence"



CERTIFICATE

This is to certify that the dissertation entitled 'A review of synthesis methods and applications of bismuth vanadate nanoparticles' submitted to the JSS College of Arts, Commerce and Science by Miss. Jothimani. D under the guidance of Miss. Pramila S for the partial fulfilment of the requirement of the award of the degree of Master of Science in Chemistry during the year 2020-21.

Place: Mysuru

Date: 30 8 2021

Principal

(Dr. H PRHISHMADDA)
JSS College of Arts, Continered & Science
Ooty Roam MYSURU-25

JSS COLLEGE OF ARTS, COMMERCE & SCIENCE

(An Autonomous College of University of Mysore)
B.N. ROAD, MYSURU-570 025 KARNATAKA

Re-accredited by NAAC with 'A' grade Recognised by UGC as "College with Potential for Excellence"

Ph: 0821-2548236 & 2548380 FAX: 0821-2548238 E-mail: jssautonomous@gmail.com Website: JSSCACS edu.in

CERTIFICATE

This is to certify that the dissertation entitled "Literature survey on synthesis of Zr nanoparticles using Rudraksha seed extract" submitted to the JSS College of Arts, Commerce and Science by KAVYA D.K under the guidance of Dr.Mahadeva swamy.M, for the partial fulfillment of the requirement of the award of the degree of Master of Science in Chemistry during the year 2020-21.

Place: Mysuru

Date: 2/9/21.

Principal



JSS COLLEGE OF ARTS, COMMERCE & SCIENCE

(An Autonomous College of University of Mysore)
B.N. ROAD, MYSURU-570 025 KARNATAKA

Re-accredited by NAAC with 'A' grade Recognised by UGC as "College with Potential for Excellence"

Ph: 0821-2548236 & 2548380. FAX: 0821-2548238 E-mail: <u>1884utonomous@gmail.com</u> Website: JSSCACS.edu.in

CERTIFICATE

This is to certify that the dissertation entitled "REVIEW OF LITERATURE ON 4-NITROANILINE DERIVATIVES" submitted to the JSS College of Arts, Commerce and Science by Ms.KAVYASHREE M. S. under the guidance of Dr. L. MALLESHA, for the partial fulfillment of the requirement of the award of the degree of Master of Science in Chemistry during the year 2020-21.

Place: Mysuru
Date: 02/09/21

JSS College of Arts, Cummerce & Science Ooty Road MYSURU-25



JSS COLLEGE OF ARTS, COMMERCE & SCIENCE

(An Autonomous College of University of Mysore) B.N. ROAD, MYSURU-570 025 KARNATAKA

Re-accredited by NAAC with 'A' grade Recognised by UGC as "College with Potential for Excellence"

Ph: 0821-2548236 & 2548380. FAX: 0821-2548238 E-mail: J Website: JSSCACS.edu.in

CERTIFICATE

This is to certify that the dissertation entitled "REVIEW OF LITERATURE ON 2-CHLOROPYRIMIDINE DERIVATIVES" submitted to the JSS College of Arts, Commerce and Science by Mrs.KAVYASHREE S. under the guidance of Dr. L. MALLESHA, for the partial fulfillment of the requirement of the award of the degree of Master of Science in Chemistry during the year 2020-21.

Place: Mysuru

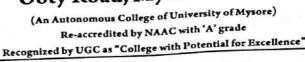
Date: 2/9/2021

Principal

JSS College of Arts, Cummerce & Science Outy Roam MYSURU-25

JSS MAHAVIDYAPEETA JSS COLLEGE OF ARTS, COMMERCE AND SCIENCE

Ooty Road, Mysuru-570025





CERTIFICATE

This is to certify that the dissertation entitled 'Synthesis and applications of nanoparticles - a review' submitted to the JSS College of Arts, Commerce and Science by Miss. Kokila G N under the guidance of Dr. Mallikarjunaswamy C, for the partial fulfilment of the requirement of the award of the degree of Master of Science in Chemistry during the year 2020-21.

Place: Mysuru

Date: 2/9/2021

Principal

(Dr. H C Honnappa)

JSS College of Arts, Commerce & Science Date Rosal MYSURU-25



ESTD-1964

JSS COLLEGE OF ARTS, COMMERCE & SCIENCE

(An Autonomous College of University of Mysore)
Re-accredited by NAAC with 'A' grade
Recognised by UGC as "College with Potential for Excellence"

B N ROAD, MYSURU-570 025, KARNATAKA

□: 0821-2548236 &2548380 Fax: 0821-2548238 E-mail: jssautonomous@gmail.com www.jsscacs.edu.in

CERTIFICATE

This is to certify that the dissertation entitled "A SURVEY ON ANALYTICAL ASSAY METHODS FOR DICLOFENAC SODIUM" submitted to the JSS College of Arts, Commerce and Science, Ooty Road, Mysuru, by Miss. KRUPA G M under the guidance of Dr.N. RAJENDRAPRASAD, for the partial fulfillment of the requirement of the award of degree 'Master of Science in Chemistry' during the year 2020-21.

Place: Mysuru Date: 27/8/21

Principal
PRINCIPAL
JSS Colege of Arts, Culmerce & Science
Ooty Road, MYSURU-25



JSS MAHAVIDYAPEETHA JSS COLLEGE OF ARTS, COMMERCE & SCIENCE

(An Autonomous College of University of Mysore) B.N. ROAD, MYSURU-570 025 KARNATAKA

Re-accredited by NAAC with 'A' grade Recognised by UGC as "College with Potential for Excellence"

Ph. 0821-2548236 & 2548380, FAX. 0821-2548238 E-mail: psautonomous@gmail.com Website JSSCACS edu in

CERTIFICATE

This is to certify that the dissertation entitled "Review on Electrical properties of Polymer nanocomposites" submitted to the JSS College of Arts, Commerce and Science by Mr. LINGARAJ V under the guidance of KAVYA H.V, for the partial fulfillment of the requirement of the award of the degree of Master of Science in Chemistry during the year 2020-21.

Place: Mysuru

Date: 02/09/2021

PRINCIPAL JSS Coffese of Arts, Contimerce & Science Ooty Road, MYSURU-25

JSS COLLEGE OF ARTS, COMMERCE AND SCIENCE



(An Autonomous College of University of Mysore)

Re-accredited by NAAC with 'A' grade

Recognized by UGC as "College with Potential for Excellence"



CERTIFICATE

This is to certify that the dissertation entitled 'A review on synthesis and biomedical application of Mo based Nanomaterials' submitted to the JSS College of Arts, Commerce and Science by Miss. MADHUSHREE B under the guidance of Dr. Mallikarjunaswamy C, for the partial fulfilment of the requirement of the award of the degree of Master of Science in Chemistry during the year 2020-21.

Place: Mysuru

Date: 30/8/902/

Principal

(Dr. H C Honnappa)

PRINCIPAL

JSS Coffese of Arts, Commerce & Science
Ooty Road, MYSURU-25



JSS COLLEGE OF ARTS, COMMERCE & SCIENCE

(An Autonomous College of University of Mysore)
B.N. ROAD, MYSURU-570 025 KARNATAKA

Re-accredited by NAAC with 'A' grade Recognised by UGC as "College with Potential for Excellence"

Ph: 0821-2548236 & 2548380. FAX: 0821-2548238 E-mail: jssautonomous@gmail.com Website: JSSCACS edu in

CERTIFICATE

This is to certify that the dissertation entitled "Literature survey on

Synthesis of iron oxide nanoparticles submitted to the JSS College of Arts, Commerce and Science by MAHADEVAPRASAD P under the guidance of Dr. Mahadeva Swamy.M for the partial fulfillment of the requirement of the award of the degree of Master of Science in Chemistry during the year 2020-21.

Place: Mysuru

Date:

Principal

JSS College of Arts, Commerce & Science Ooty Road MYSURU-25

JSS COLLEGE OF ARTS, COMMERCE AND SCIENCE



(An Autonomous College of University of Mysore) Re-accredited by NAAC with 'A' grade Recognized by UGC as "College with Potential for Excellence"



CERTIFICATE

This is to certify that the dissertation entitled 'A review on synthesis and biomedical application of Fe based Nanomaterials' submitted to the JSS College of Arts, Commerce and Science by Mr. Mahesh S under the guidance of Dr. Mallikarjunaswamy C, for the partial fulfilment of the requirement of the award of the degree of Master of Science in Chemistry during the year 2020-21.

Place: Mysuru

Date: 30/08/21

JSS Coffeye of Arts, Curimerce & Science

Ooty Road MYSURU-25



JSS COLLEGE OF ARTS, COMMERCE & SCIENCE

(An Autonomous College of University of Mysore)
Re-accredited by NAAC with 'A' grade
Recognized by UGC as "College with Potential for Excellence"

BN ROAD, MYSURU-570 025, KARNATAKA

: 0821-2548236 &2548380 Fax: 0821-2548238 E-mail: jssautonomous@gmail.com www. jsscacs.edu.in

CERTIFICATE

This is to certify that the dissertation entitled "ANALYTICAL PROCEDURES FOR ASSAY OF PROMETHAZINE HYDROCHLORIDE: A REVIEW" submitted to the JSS College of Arts, Commerce and Science, Ooty Road, Mysuru, by Miss. MANASA. N under the guidance of Dr. N. RAJENDRAPRASAD, for the partial fulfillment of the requirement of the award of degree 'Master of Science in Chemistry' during the year 2020-21.

Place: Mysuru

Date: 27/8/21

Principal
PRINCIPAL
PRINCIPAL
SS College Of Arts, Contimerce & Science
NO Arts, MYSURU-25



JSS COLLEGE OF ARTS, COMMERCE & SCIENCE

(An Autonomous College of University of Mysore)
B.N. ROAD, MYSURU-570 025 KARNATAKA

Re-accredited by NAAC with 'A' grade Recognised by UGC as "College with Potential for Excellence"

Ph: 0821-2548236 & 2548380. FAX: 0821-2548238 E-mail: jssautonomous@gmail.com Website: JSSCACS edu.in

CERTIFICATE

This is to certify that the dissertation entitled "REVIEW OF DERIVATIVES" LITERATURE 2-CHLORO 3-METHYL submitted to the JSS College of Arts, Commerce and Science by Mr. MANJUNATH YANGUNTI under the guidance of Dr. L. MALLESHA, for the partial fulfillment of the requirement of the award of the degree of Master of Science in Chemistry during the year 2020-21.

Place: Mysuru Date: 25 |08 | 2021

Principal

Culimerce & Science

5



JSS MAHAVIDYAPEETHA JSS COLLEGE OF ARTS, COMMERCE & SCIENCE

(An Autonomous College of University of Mysore) B.N. ROAD, MYSURU-570 025 KARNATAKA

Re-accredited by NAAC with 'A' grade
Recognized by UGC as "College with Potential for Excellence"

Ph: 0821-2548236 & 2548380. FAX: 0821-2548238 E-mail:

jssautonomous@gmail.com Website: JSSCACS.edu.in

CERTIFICATE

This is to certify that the dissertation entitled "REVIEW OF LITERATURE ON CHALCONE SYNTHESIS AND ITS MEDICINAL PROPERTIES" submitted to the JSS College of Arts, Commerce and Science by MANJUPRASAD M N under the guidance of Dr. N. VIJENDRA KUMAR, for the partial fulfillment of the requirement of the award of the degree of Master of Science in Chemistry during the year 2020-21.

Place: Mysuru

Date:

Principal PRINCIPAL

JSS College of Arts, Custimerce & Science Ooty Road MYSURU-25



JSS MAHAVIDYAPEETHA JSS COLLEGE OF ARTS, COMMERCE & SCIENCE

(An Autonomous College of University of Mysore)

Re-accredited by NAAC with 'A' grade
ESTD-1964 Recognised by UGC as "College with Potential for Excellence"

B N ROAD, MYSURU-570 025, KARNATAKA

□: 0821-2548236 &2548380 Fax: 0821-2548238 E-mail: jssautonomous@gmail.com www.jsscacs.edu.in

CERTIFICATE

This is to certify that the dissertation entitled "QUANTITATIVE ASSAY OF DOSULEPIN HYDROCHLORIDE: REVIEW APPROACH" submitted to the JSS College of Arts, Commerce and Science, Ooty Road, Mysuru, by Mr. MANOJKUMAR S K under the guidance of Dr. N. RAJENDRAPRASAD, for the partial fulfilment of the requirement of the award of degree 'Master of Science in Chemistry' during the year 2020-21.

Place: Mysuru

Date:

Principal unerce & Science

JSS MAHAVIDYAPEETA JSS COLLEGE OF ARTS, COMMERCE AND SCIENCE



(An Autonomous College of University of Mysore)

Re-accredited by NAAC with 'A' grade

Recognized by UGC as "College with Potential for Excellence"



CERTIFICATE

This is to certify that the dissertation entitled 'A review on synthesis and biomedical application of Mo based Nanomaterials' submitted to the JSS College of Arts, Commerce and Science by Miss. Meghana B N under the guidance of Dr. Mallikarjunaswamy C, for the partial fulfilment of the requirement of the award of the degree of Master of Science in Chemistry during the year 2020-21.

Place: Mysuru

Date: 30/08/21

Principal

(Dr. H C Honnappa)

JSS Coffese of Arts, Cultimerce & Science Ooty Road MYSURU-25



JSS COLLEGE OF ARTS, COMMERCE & SCIENCE

(An Autonomous College of University of Mysore) Re-accredited by NAAC with 'A' grade

ESTD-1964

Recognised by UGC as "College with Potential for Excellence"

B N ROAD, MYSURU-570 025, KARNATAKA

: 0821-2548236 &2548380 Fax: 0821-2548238 E-mail: jssautonomous@gmail.com www.jsscacs.edu.in

CERTIFICATE

This is to certify that the dissertation entitled "A REPORT OF ANALYTICAL METHODS FOR DETERMINATION OF LANSOPRAZOLE IN REAL SAMPLES" submitted to the JSS College of Arts, Commerce and Science, Ooty Road, Mysuru, by Miss MEGHANA C R under the guidance of Dr.N. RAJENDRAPRASAD, for the partial fulfillment of the requirement of the award of degree 'Master of Science in Chemistry' during the year 2020-21.

Place: Mysuru

Date: 27/08/2021

of Arts, Cummerce & Stage Rosa WYSURU-2

JSS COLLEGE OF ARTS, COMMERCE & SCIENCE

(An Autonomous College of University of Mysore)

Re-accredited by NAAC with 'A' grade ESTD-1964 Recognized by UGC as "College with Potential for Excellence"

B N ROAD, MYSURU-570 025, KARNATAKA

□: 0821-2548236 &2548380 Fax: 0821-2548238 E-mail: jssautonomous@gmail.com www.jsscacs.edu.in

CERTIFICATE

This is to certify that the dissertation entitled "A REPORT OF OF DETERMINATION ANALYTICAL METHODS FOR LANSOPRAZOLE IN REAL SAMPLES" submitted to the JSS College of Arts, Commerce and Science, Ooty Road, Mysuru, by Mr. Neeraj Nanaiah K N under the guidance of Dr.N. RAJENDRAPRASAD, for the partial fulfillment of the requirement of the award of degree 'Master of Science in Chemistry' during the year 2020-21.

Place: Mysuru

Date: 25/8/2021

Principal AL

JSS College of Arts, Continuence & Science Only Road, MYSURU-25

JSS COLLEGE OF ARTS, COMMERCE & SCIENCE

(An Autonomous College of University of Mysore)

B.N. ROAD, MYSURU-570025 KARNATAKA

Re-accredited by NAAC with 'A' grade

Recognized by UGC as "College with Potential for Excellence"

Ph:0821-2548380

2548380.

FAX:0821-2548238

E-mail:

jssautonomous@gmail.com Website: JSSCACS.edu.in

CERTIFICATE

This is to certify that the dissertation entitled "Literature survey on Synthesis of copper nano particles by green synthesis" submitted to JSS College of Arts, Commerce and Science by Niveditha. G.C under the guidance of Dr. Mahadeva Swamy M, for the partial fulfillment of the requirement of the award of the degree of Master of Science in Chemistry during the year 2020-21.

> Principal PRINCIPAL JSS College of Arts, Contimerce & Science Ooty Road, MYSURU-25

Place: Mysuru

Date: 26/08/2021

JSS COLLEGE OF ARTS, COMMERCE AND SCIENCE

Ooty Road, Mysuru-570025

(An Autonomous College of University of Mysore)

Re-accredited by NAAC with 'A' grade

Recognized by UGC as "College with Potential for Excellence"



CERTIFICATE

This is to certify that the dissertation entitled "A review of synthesis methods, characterization and applications of bismuth tungstate nanoparticles" submitted to the JSS College of Arts, Commerce and Science by Miss. Poojashree S under the guidance of Miss. Pramila S for the partial fulfilment of the requirement of the award of the degree of Master of Science in Chemistry during the year 2020-21.

Place: Mysuru

Date: 30/08/2021

Principal

(Dr. H C Honnappa)

JSS College of Arts, Commerce & Science Ooty Road MYSURU-25

JSS MAHAVIDYAPEETA JSS COLLEGE OF ARTS, COMMERCE AND SCIENCE

Ooty Road, Mysuru-570025

(An Autonomous College of University of Mysore)

Re-accredited by NAAC with 'A' grade

Recognized by UGC as "College with Potential for Excellence"

CERTIFICATE

This is to certify that the dissertation entitled 'A review of synthesis methods and applications of bismuth vanadate nanoparticles' submitted to the JSS College of Arts, Commerce and Science by Miss. Pragathi. K under the guidance of Miss. Pramila S for the partial fulfilment of the requirement of the award of the degree of Master of Science in Chemistry during the year 2020-2021.

Place: Mysuru

Date: 30/08/2021

Principal

(Dr. H C Honnappa)

JSS College of Arts, Cummerce & Scientification Road MYSURU-25



(An Autonomous College of University of Mysore)
OOTY ROAD, MYSURU-570 025 KARNATAKA

Re-accredited by NAAC with 'A' grade Recognised by UGC as "College with Potential for Excellence"

Ph: 0821-2548236 & 2548380, FAX: 0821-2548238 E-mail: jss

CERTIFICATE

This is to certify that the dissertation entitled "REVIEW OF LITERATURE ON 2,5-DICHLORO PYRIMIDINE DERIVATIVES" submitted to the JSS College of Arts, Commerce and Science by Mr.PRASAD MAHESH SHIRALKAR under the guidance of Dr. L. MALLESHA, for the partial fulfillment of the requirement of the award of the degree of Master of Science in Chemistry during the year 2020-21.

Place: Mysuru

Date: 02/9/2021

Principal

PRINCIPAL JSS College of Arts, Cummerce & Science Ooty Road MYSURU-25



JSS COLLEGE OF ARTS, COMMERCE & SCIENCE

(An Autonomous College of University of Mysore) B.N. ROAD, MYSURU-570 025 KARNATAKA

Re-accredited by NAAC with 'A' grade Recognised by UGC as "College with Potential for Excellence"

Ph: 0821-2548236 & 2548380 FAX: 0821-2548238 E-mail: jssautonomous@gmail.com Website: JSSCACS edu in

CERTIFICATE

This is to certify that the dissertation entitled "Literature survey on

Synthesis of iron oxide nanoparticles submitted to the JSS College of Arts, Commerce and Science by PRIYA D P under the guidance of Dr. Mahadeva Swamy.M for the partial fulfillment of the requirement of the award of the degree of Master of Science in Chemistry during the year 2020-21.

Place: Mysuru Date: 30 8 21 Principal

JSS CONESS of Arts, Commerce & Science Ooty Roam MYSURU-25



JSS COLLEGE OF ARTS, COMMERCE & SCIENCE

(An Autonomous College of University of Mysore)
B.N. ROAD, MYSURU-570 025 KARNATAKA

Re-accredited by NAAC with 'A' grade Recognised by UGC as "College with Potential for Excellence"

Ph: 0821-2548236 & 2548380, FAX: 0821-2548238 E-mail: <u>[ssautonomous@gmail.com</u> Website: JSSCACS.edu.in

CERTIFICATE

This is to certify that the dissertation entitled "REVIEW OF LITERATURE ON 2-CHLOROPYRIMIDINE DERIVATIVES" submitted to the JSS College of Arts, Commerce and Science by Mrs. PRIYANKA R. under the guidance of Dr. MALLESHA L., for the partial fulfillment of the requirement of the award of the degree of Master of Science in Chemistry during the year 2020-21.

Place: Mysuru

Date: 2/9/21

Principal

Octy Road MYSURU-25



JSS COLLEGE OF ARTS, COMMERCE & SCIENCE

(An Autonomous College of University of Mysore)
Re-accredited by NAAC with 'A' grade
Recognised by UGC as "College with Potential for Excellence"

ESTD-1964

B N ROAD, MYSURU-570 025, KARNATAKA

U: 0821-2548236 &2548380 Fax: 0821-2548238 E-mail: jssautonomous@gmail.com www.jsscacs.edu.in

CERTIFICATE

This is to certify that the dissertation entitled "REVIEW OF QUANTIFICATION METHODS FOR DETERMINATION OF TIZANIDINE HYDROCHLORIDE" submitted to the JSS College of Arts, Commerce and Science, Ooty Road, Mysuru, by Mr.PURUSHOTHAM H.M. under the guidance of Dr.N. RAJENDRAPRASAD, for the partial fulfillment of the requirement of the award of degree 'Master of Science in Chemistry' during the year 2020-21.

Place: Mysuru Date: 01/09/21

Principal

JSS College of Arts, Continerce & Science Ooty Road, MYSURU-25



ISS COLLEGE OF ARTS, COMMERCE & SCIENCE

(An Autonomous College of University of Mysore) Re-accredited by NAAC with 'A' grade Recognised by UGC as "College with Potential for Excellence"

B N ROAD, MYSURU-570 025, KARNATAKA

:: 0821-2548236 &2548380 Fax: 0821-2548238 E-mail: jssautonomous@gmail.com www. isscacs.edu.in

CERTIFICATE

"REVIEW OF This is to certify that the dissertation entitled QUANTIFICATION METHODS FOR DETERMINATION OF TIZANIDINE HYDROCHLORIDE" submitted to the JSS College of Arts, Commerce and Science, Ooty Road, Mysuru, by Mr.RAJATH.S. under the guidance of Dr.N. RAJENDRAPRASAD, for the partial fulfillment of the requirement of the award of degree 'Master of Science in Chemistry' during the year 2020-21.

Place: Mysuru Date: 92/8/21

Principal
PRINCIPAL
Scale of Arts, ANSURU-25
Only Road, MYSURU-25



JSS COLLEGE OF ARTS, COMMERCE & SCIENCE

(An Autonomous College of University of Mysore)
Re-accredited by NAAC with 'A' grade
Recognised by UGC as "College with Potential for Excellence"

OOTY ROAD, MYSURU-570 025, KARNATAKA

☎: 0821-2548236 & 2548380 Fax: 0821-2548238 E-mail: jssautonomous@gmail.com www. jsscacs.edu.in

CERTIFICATE

This is to certify that the project work entitled "Recent Advances in the Development of New Boron Containing Therapeutic Agents" submitted by Rakshitha Y. R. is based on the investigations carried out by her under the guidance of Dr R. Suhas, Postgraduate Department of Chemistry of this college.

(Prof. H. C. Honnappa)

Principal PAL

SS College of Arts, Contimerce & Science

Ooty Road, MYSURU-25



JSS COLLEGE OF ARTS, COMMERCE & SCIENCE

(An Autonomous College of University of Mysore)
Re-accredited by NAAC with 'A' grade
Recognised by UGC as "College with Potential for Excellence"

OOTY ROAD, MYSURU-570 025, KARNATAKA

☎: 0821-2548236 & 2548380 Fax: 0821-2548238 E-mail: jssautonomous@gmail.com www. jsscacs.edu.in

CERTIFICATE

This is to certify that the project work entitled "Recent Advances in the Synthesis of 5-Substituted 1H-Tetrazoles" submitted by Ramya B. J. is based on the investigations carried out by her under the guidance of Dr R. Suhas, Postgraduate Department of Chemistry of this college.

(Prof. H. C. Honnappa)

JSS Coffese of Arts, Commerce & Science Ooty Road, MYSURU-25



JSS COLLEGE OF ARTS, COMMERCE & SCIENCE

(An Autonomous College of University of Mysore) Re-accredited by NAAC with 'A' grade Recognized by UGC as "College with Potential for Excellence"

B N ROAD, MYSURU-570 025, KARNATAKA

☐: 0821-2548236 &2548380 Fax: 0821-2548238 E-mail: jssautonomous@gmail.com www. isscacs.edu.in

CERTIFICATE

This is to certify that the dissertation entitled "ANALYTICAL PROCEDURES FOR ASSAY OF PROMETHAZINE HYDROCHLORIDE: A REVIEW" submitted to the JSS College of Arts, Commerce and Science, Ooty Road, Mysuru, by Miss. RAMYASHREE under the guidance of Dr. N. RAJENDRAPRASAD, for the partial fulfillment of the requirement of the award of degree 'Master of Science in Chemistry' during the year 2020-21.

Place: Mysuru

Date: 27/8/2021

JSS College of Arts, Curimerce & Scien Ooly Road MYSURU-25

JSS MAHAYIDYAPERTHA

JSS COLLEGE OF ARTS, COMMERCE & SCIENCE

(An Autonomous College of University of Mysore)
B.N. ROAD, MYSURU-570 025 KARNATAKA

Re-accredited by NAAC with 'A' grade Recognised by UGC as "College with Potential for Excellence"

Ph. 0821-2548236 & 2548380. FAX: 0821-2548238 E-mail. Jssautonomous@gmail.com Website; JSSCACS edu in

CERTIFICATE

This is to certify that the dissertation entitled "Literature survey on synthesis of Zr nanoparticles using Rudraksha seed extract" submitted to the JSS College of Arts, Commerce and Science by Ramyashree D.G under the guidance of Dr.Mahadeva swamy.M, for the partial fulfillment of the requirement of the awardof the degree of Master of Science in Chemistry during the year 2020-21

Place: Mysuru Date: &19121

Principal

JSS COLLEGE OF ARTS, COMMERCE & SCIENCE

(An Autonomous College of University of Mysore)

B.N. ROAD, MYSURU-570025 KARNATAKA

Re-accredited by NAAC with 'A' grade

Recognized by UGC as "College with Potential for Excellence"

Ph:0821-2548380 & 2548380. FAX:0821-2548238 jssautonomous@gmail.com Website: JSSCACS.edu.in

E-mail:

CERTIFICATE

This is to certify that the dissertation entitled "Literature survey on Synthesis of copper nano particles by green synthesis" submitted to JSS College of Arts, Commerce and Science by Ranjitha.R under the guidance of Dr. Mahadeva Swamy M, for the partial fulfillment of the requirement of the award of the degree of Master of Science in Chemistry during the year 2020-21.

Principal

JSS Coffeye of Arts, Commerce & Science

Ooty Road, MYSURU-25

Place: Mysuru

Date: 26 8 2021

JSS MAHAVIDYAPEETA JSS COLLEGE OF ARTS, COMMERCE AND SCIENCE



(An Autonomous College of University of Mysore) Re-accredited by NAAC with 'A' grade

Recognized by UGC as "College with Potential for Excellence"

CERTIFICATE

This is to certify that the dissertation entitled 'A review on synthesis and biomedical application of Zinc based Nanomaterials' submitted to the JSS College of Arts, Commerce and Science by Mr Ravi C J under the guidance of Dr. Mallikarjunaswamy C, for the partial fulfilment of the requirement of the award of the degree of Master of Science in Chemistry during the year 2020-21.

Place: Mysuru

Date: 30/8/2/

Principal

(Dr. H C Honnappa)

JSS College of Arts, Cultimerce & Science Ooty Road, MYSURU-25



(An Autonomous College of University of Mysore) B.N. ROAD, MYSURU-570 025 KARNATAKA

Re-accredited by NAAC with 'A' grade Recognised by UGC as "College with Potential for Excellence"

Ph. 0821-2548236 & 2548380, FAX, 0821-2548238 E-mail: 18

CERTIFICATE

This is to certify that the dissertation entitled "REVIEW OF LITERATURE ON 2-CHLOROPYRIMIDINE DERIVATIVES" submitted to the JSS College of Arts, Commerce and Science by Ms. RESHMA T.R. under the guidance of Dr. MALLESHA L., for the partial fulfillment of the requirement of the award of the degree of Master of Science in Chemistry during the year 2020-21.

Place: Mysuru

Date: 2/9/2021

Principal

JSS College of Arts, Cummerce & Science Octy Road MYSURU-25

JSS COLLEGE OF ARTS, COMMERCE AND SCIENCE

Ooty Road, Mysuru-570025

(An Autonomous College of University of Mysore)

Re-accredited by NAAC with 'A' grade

Recognized by UGC as "College with Potential for Excellence"



CERTIFICATE

This is to certify that the dissertation entitled 'A review on synthesis and biomedical applications of silver Nanomaterials' submitted to the JSS College of Arts, Commerce and Science by Miss. Roopashree H R under the guidance of Dr. Mallikarjunaswamy C, for the partial fulfilment of the requirement of the award of the degree of Master of Science in Chemistry during the year 2020-21.

Place: Mysuru

Date: 30-08-2021

Principal

(Dr. H C Honnappa)

PRINCIPAL

JSS College of Arts, Commerce & Science
Ooty Road MYSURU-25



JSS COLLEGE OF ARTS, COMMERCE & SCIENCE

(An Autonomous College of University of Mysore) Re-accredited by NAAC with 'A' grade Recognised by UGC as "College with Potential for Excellence"

OOTY ROAD, MYSURU-570 025, KARNATAKA

■: 0821-2548236 & 2548380 Fax: 0821-2548238 E-mail: [ssautonomous@gmail.com] www. [sseucs edu in

CERTIFICATE

This is to certify that the project work entitled "Recent Advances in the Synthesis of 5-Substituted 1H-Tetrazoles" submitted by Sagar Necli is based on the investigations carried out by him under the guidance of Dr R. Suhas, Postgraduate Department of Chemistry of this college.

> rof. H. C. Honnappa) PrincipalinaL

USS College of Aris, Cultimerca & Science Oaty Road, MYSURU-25

JSS COLLEGE OF ARTS, COMMERCE & SCIENCE



(An Autonomous College of University of Mysore) B.N. ROAD, MYSURU-570 025 KARNATAKA Re-accredited by NAAC with 'A' grade Recognised by UGC as "College with Potential for Excellence"

0821-2548236 & 2548380. FAX: 0821-2548238 E-mail: <u>psautonomous@gmail.com</u> Website: JSSCACS.edu.in

CERTIFICATE

This is to certify that the dissertation entitled "REVIEW OF LITERATURE ON 2-NITROANILINE DERIVATIVES" submitted to the JSS College of Arts, Commerce and Science by Ms. SAHANA G. K. under the guidance of Dr. L. MALLESHA, for the partial fulfillment of the requirement of the award of the degree of Master of Science in Chemistry during the year 2020-21.

Place: Mysuru Date: 02/9/21

Principal

JSS College of Arts, Commerce & Science
Ooty Road MYSURU-25



3.0

JSS MAHAVIDYAPEETHA JSS COLLEGE OF ARTS, COMMERCE & SCIENCE (An Autonomous College of University of Mysore) B.N. ROAD, MYSURU-570 025 KARNATAKA

Re-accredited by NAAC with 'A' grade
Recognised by UGC as "College with Potential for Excellence"

Ph: 0821-2548236 & 2548380. FAX: 0821-2548238 E-mail:

issautonomous@gmail.com Website: JSSCACS.edu.in

CERTIFICATE

This is to certify that the dissertation entitled "REVIEW OF LITERATURE ON SYNTHESIS OF CURCUMIN AND ITS MEDICINAL APPLICATION" submitted to the JSS College of Arts, Commerce and Science by Ms. G V SAHANA under the guidance of Dr. N. VIJENDRA KUMAR, for the partial fulfilment of the requirement of the award of the degree of Master of Science in Chemistry during the year 2020-21.

Place: Mysuru

Date:

Principal PRINCIPAL

JSS College of Arts, Custimerce & Science Ooty Road, MYSURU-25

JSS COLLEGE OF ARTS, COMMERCE AND SCIENCE



(An Autonomous College of University of Mysore) Re-accredited by NAAC with 'A' grade Recognized by UGC as "College with Potential for Excellence"



CERTIFICATE

This is to certify that the dissertation entitled 'A review on synthesis and biomedical application of Zinc based Nanomaterials' submitted to the JSS College of Arts, Commerce and Science by Mr Sandeep S under the guidance of Dr. Mallikarjunaswamy C, for the partial fulfilment of the requirement of the award of the degree of Master of Science in Chemistry during the year 2020-21.

Place: Mysuru

Date: 30-08-2021

Principal

(Dr. H C Honnappa)

PRINCIPAL

JSS College of Arts, Curimerce & Science Only Road MYSURU-25



(An Autonomous College of University of Mysore) B.N. ROAD, MYSURU-570 025 KARNATAKA

Re-accredited by NAAC with 'A' grade Recognised by UGC as "College with Potential for Excellence"

Ph: 0821-2548236 & 2548380. FAX: 0821-2548238 E-mail: jss:

CERTIFICATE

This is to certify that the dissertation entitled "REVIEW OF LITERATURE ON 2-NITROANILINE DERIVATIVES" submitted to the JSS College of Arts, Commerce and Science by Mr. SATHISHA C under the guidance of Dr. L. MALLESHA, for the partial fulfillment of the requirement of the award of the degree of Master of Science in Chemistry during the year 2020-21.

Place: Mysuru

Date: 25/08/2021

Principal

PRINCIPAL

JSS College of Arts, Commerce & Science

Ooty Roam MYSURU-25

JSS COLLEGE OF ARTS, COMMERCE & SCIENCE

(An Autonomous College of University of Mysore)

B.N. ROAD, MYSURU-570025 KARNATAKA

Re-accredited by NAAC with 'A' grade

Recognized by UGC as "College with Potential for Excellence"

Ph:0821-2548380 & 2548380. FAX:0821-2548238 E-mail: jssautonomous@gmail.com Website: JSSCACS.edu.in

CERTIFICATE

This is to certify that the dissertation entitled "Literature survey on Synthesis of copper nano particles by green synthesis" submitted to JSS College of Arts, Commerce and Science by Shankari K S under the guidance of Dr. Mahadeva Swamy M, for the partial fulfillment of the requirement of the award of the degree of Master of Science in Chemistry during the year 2020-21.

Principal
PRINCIPAL

JSS College of Arts, Commerce & Science
Ooty Road, MYSURU-25

Place: Mysuru

Date: 26 8 2021



JSS COLLEGE OF ARTS, COMMERCE & SCIENCE

(An Autonomous College of University of Mysore) Re-accredited by NAAC with 'A' grade Recognised by UGC as "College with Potential for Excellence"

OOTY ROAD, MYSURU-570 025, KARNATAKA

★: 0821-2548236 & 2548380 Fax: 0821-2548238 E-mail: jssautonomous@gmail.com www. jsscacs.edu.in

CERTIFICATE

This is to certify that the project work entitled "Recent Advances in the Synthesis of 5-Substituted 1H-Tetrazoles" submitted by Sharavana P is based on the investigations carried out by him under the guidance of Dr R. Suhas, Postgraduate Department of Chemistry of this college.

(Prof. H. C. Honnappa)
PrincipalPAL
JSS College of Arts, Commerce & Science
Ooly Road, MYSURU-25



J88 MAHAVIDYAPEETHA J88 COLLEGE OF ARTS, COMMERCE & SCIENCE (An Autonomous College of University of Mysore) B.N. ROAD, MYSURU-570 025 KARNATAKA

Re-accredited by NAAC with 'A' grade Recognized by UGC as "College with Potential for Excellence"

Ph: 0821-2548236 & 2548380, FAX: 0821-2548238 E-mail: jssautonomous@gmail.com Website: JSSCACS.edu.in

CERTIFICATE

This is to certify that the dissertation entitled "REVIEW OF LITERATURE ON CHALCONE SYNTHESIS AND ITS MEDICINAL PROPERTIES" submitted to the ISS College of Arts, Commerce and Science by Mr. SIDDARM NADIGAR M S under the guidance of Dr. N. VIJENDRA KUMAR, for the partial fulfillment of the requirement of the award of the degree of Master of Science in Chemistry during the year 2020-21.

Place: Mysuru

Date:

JSS College of Arts, Cummerce & Science Ooty Road, MYSURU-25

JSS COLLEGE OF ARTS, COMMERCE AND SCIENCE

Ooty Road, Mysuru-570025

(An Autonomous College of University of Mysore)

Re-accredited by NAAC with 'A' grade

Recognised by UGC as "College with Potential for Excellence"



CERTIFICATE

This is to certify that the dissertation entitled 'A review on synthesis and biomedical applications of Silver Nanomaterials' submitted to the JSS College of Arts, Commerce and Science by Miss. Sindhu S under the guidance of Dr. Mallikarjunaswamy C, for the partial fulfilment of the requirement of the award of the degree of Master of Science in Chemistry during the year 2020-21.

Place: Mysuru

U

3

3

3

3

Date: 30/8/2021

Principal

(Dr. H C Honnappa)

JSS College of Arts, Curimerce & Science Ooty Road MYSURU-25



JSS MAHAVIDYAPEETHA JSS COLLEGE OF ARTS, COMMERCE & SCIENCE

(An Autonomous College of University of Mysore) Re-accredited by NAAC with 'A' grade Recognised by UGC as "College with Potential for Excellence"

OOTY ROAD, MYSURU-570 025, KARNATAKA

SE: 0821-2548236 & 2548380 Fax: 0821-2548238 E-mail: jssautonomous@gmail.com www. jsscacs.edu.in

CERTIFICATE

This is to certify that the project work entitled "Recent Advances in the Development of New Boron Containing Therapeutic Agents" submitted by Suresh Y is based on the investigations carried out by him under the guidance of Dr R. Suhas, Postgraduate Department of Chemistry of this college.

(Prof. H. C. Honnappa)

Principal IPAL
Principal PAL
P Ooty Ros (MYSURU-25

JSS COLLEGE OF ARTS, COMMERCE & SCIENCE

(An Autonomous College of University of Mysore)

Re-accredited by NAAC with 'A' grade
ESTD-1964 Recognised by UGC as "College with Potential for Excellence"

B N ROAD, MYSURU-570 025, KARNATAKA

2: 0821-2548236 &2548380 Fax: 0821-2548238 E-mail:

CERTIFICATE

This is to certify that the dissertation entitled quantitative assay of dossilepin hydrochloride: review approach submitted to the JSS College of Arts, Commerce and Science. Ooty Road, Mysuru, by Ms Uditi uthappaA under the guidance of Dr.N.RAJENDRAPRASAD, for the partial fulfillment of the requirement of the award of degree 'Master of Science in Chemistry' during the wear 2020-21.

Place Mysuru Dane arlailai

Painchay r

JSS College of Arts, Custimerce & Science Opty Road, MYSURU-25



JSS COLLEGE OF ARTS, COMMERCE & SCIENCE

(An Autonomous College of University of Mysore)
Re-accredited by NAAC with 'A' grade
Recognised by UGC as "College with Potential for Excellence"

OOTY ROAD, MYSURU-570 025, KARNATAKA

₩ 0821-2548238 & 2548380 Fax 0821-2548238 E-mail jssaytonomous@gmail.com www.jsscacs.edu.in

CERTIFICATE

This is to certify that the project work entitled "Diverse Role of Sulphur-Heterocycles in Medicinal Chemistry" submitted by Vani G. R. is based on the investigations carried out by her under the guidance of Dr R. Suhas, Postgraduate Department of Chemistry of this college.

(Prof. H. C. Honnappa)

Principa CIPAL

JSS Codes of Alls, Cultimerce & Science
Ooty Road MYSURU-25



JSS COLLEGE OF ARTS, COMMERCE & SCIENCE

(An Autonomous College of University of Mysore)
B.N. ROAD, MYSURU-570 025 KARNATAKA

Re-accredited by NAAC with 'A' grade Recognised by UGC as "College with Potential for Excellence"

Ph 0821 3548336 & 2548380 FAX: 0821-2548238 E-mail: peautenomous agmail.com Website: JSSCACS.edu in

CERTIFICATE

This is to certify that the dissertation entitled "REVIEW OF LITERATURE ON 4-NITROANILINE DERIVATIVES" submitted to the JSS College of Arts, Commerce and Science by Ms. VIDYA G. M. under the guidance of Dr. L. MALLESHA, for the partial fulfillment of the requirement of the award of the degree of Master of Science in Chemistry during the year 2020-21.

Place: Mysuru

Date: @6 108 /2021

Principal

JSS College of Arts, Commerce & Science Ooty Road, MYSURU-25



JSS COLLEGE OF ARTS, COMMERCE & SCIENCE

(An Autonomous College of University of Mysore) Re-accredited by NAAC with 'A' grade Recognised by UGC as "College with Potential for Excellence"

OOTY ROAD, MYSURU-570 025, KARNATAKA

■: 0821-2548236 & 2548380 Fax: 0821-2548238 E-mail: jssautonomous@gmail.com www. jsscacs.edu.in

CERTIFICATE

This is to certify that the project work entitled "Recent Advances in the Synthesis of 5-Substituted 1H-Tetrazoles" submitted by Vijetha V is based on the investigations carried out by her under the guidance of Dr R. Suhas, Postgraduate Department of Chemistry of this college.

(Prof. H. C. Honnappa)

Principa CIPAL

USS College of Pris. Contimerce & Science
Ooty Road MYSURU-25



JSS COLLEGE OF ARTS, COMMERCE & SCIENCE

(An Autonomous College of University of Mysore)
Re-accredited by NAAC with 'A' grade
Recognised by UGC as "College with Potential for Excellence"

OOTY ROAD, MYSURU-570 025, KARNATAKA

☎: 0821-2548236 & 2548380 Fax: 0821-2548238 E-mail: jssautonomous@gmail.com www. jsscacs.edu.in

CERTIFICATE

This is to certify that the project work entitled "Recent Advances in the Development of New Boron Containing Therapeutic Agents" submitted by Vindhyashree S is based on the investigations carried out by her under the guidance of Dr R. Suhas, Postgraduate Department of Chemistry of this college.

(Prof. H. C. Harrappe) Science

JSS College DI Rozi

JSS COLLEGE OF ARTS, COMMERCE & SCIENCE

(An Autonomous College of University of Mysore)
Re-accredited by NAAC with 'A' grade
ESTD-1964 Recognized by UGC as "College with Potential for Excellence"
B N ROAD, MYSURU-570 025, KARNATAKA

10821-2548236 & 2548380 Fax: 0821-2548238 E-mail: jssautonomous@gmail.com www.jsscacs.edu.in

CERTIFICATE

This is to certify that the dissertation entitled "TECHNIQUES AND METHOD EMPLOYED FOR ASSAY OF TRAMADOL HYDROCHLORIDE" submitted to the JSS College of Arts, Commerce and Science, Ooty Road, Mysuru, by Miss. YASHASWINI P under the guidance of Dr.N. RAJENDRAPRASAD, for the partial fulfillment of the requirement of the award of degree 'Master of Science in Chemistry' during the year 2020-21.

Place: Mysuru

Date: 27/8/21





(An Autonomous College of University of Mysore) B.N. ROAD, MYSURU-570 025 KARNATAKA

Re-accredited by NAAC with 'A' grade Recognised by UGC as "College with Potential for Excellence"

Ph: 0821-2548236 & 2548380. FAX: 0821-2548238 E-mail: jssautonomous@gmail.com Website: JSSCACS.edu.in

CERTIFICATE

This is to certify that the dissertation entitled "SYNTHESIS AND ANTIBACTERIAL ACTIVITY OF 2-NITRO ANILINE DERIVATIVES" submitted to the JSS College of Arts, Commerce and Science by Mr. ACHUTHA N. under the guidance of Dr. L. MALLESHA, for the partial fulfillment of the requirement of the award of the degree of Master of Science in Chemistry during the year 2018-19.

Place: Mysuru

Date: 23/05/19

Ooty Road, Mysore-570 025



(An Autonomous College of University of Mysore)
Re-accredited by NAAC with 'A' grade
Recognised by UGC as "College with Potential for Excellence"

OOTY ROAD, MYSORE - 570 025, KARNATAKA

■ 0821-2548236 & 2548380 Fax: 0821-2548238 E-mail: jssautonomous@gmail.com



CERTIFICATE

This is to certify that the dissertation entitled 'Facile microwave synthesis of ZnO nanoparticles using Indian bael as a fuel and their photodegradation, antibacterial and antioxidant activities' submitted to the JSS College of Arts, Commerce and Science by Miss. Anupama. R under the guidance of Dr. Mallikarjunaswamy C, for the partial fulfilment of the requirement of the award of the degree of Master of Science in Chemistry during the year 2018-19.

Place: Mysuru

Date: 23-05-2019

Principal

J.S.S. College



(An Autonomous College of University of Mysore)

Re-accredited by NAAC with 'A' grade
Recognised by UGC as "College with Potential for Excellence"

OOTY ROAD, MYSORE - 570 025, KARNATAKA

■ 0821-2548236 & 2548380 Fax: 0821-2548238 E-mail: jssautonomous@gmail.com



CERTIFICATE

This is to certify that the dissertation entitled 'Facile microwave synthesis of ZnO nanoparticles using Indian bael as a fuel and their photodegradation, antibacterial and antioxidant activities' submitted to the JSS College of Arts, Commerce and Science by Miss. Anushree. Gunder the guidance of Dr. Mallikarjunaswamy C, for the partial fulfilment of the requirement of the award of the degree of Master of Science in Chemistry during the year 2018-19.

Place: Mysuru

Date: 23/5/19

PRINCIPAL

J.S.S. College

Goty Road, Mysore-570 025



JSS COLLEGE OF ARTS, COMMERCE & SCIENCE

(An Autonomous College of University of Mysore)
Re-accredited by NAAC with 'A' grade
Recognised by UGC as "College with Potential for Excellence"

BN ROAD, MYSURU-570 025, KARNATAKA

★: 0821-2548236 & 2548380 Fax: 0821-2548238 E-mail: jssautonomous@gmail.com www. jsscacs.edu.in

CERTIFICATE

This is to certify that the project work entitled "SYNTHESIS OF SUBSTITUTED TRIAZOLE-BENZYLIDENES OF BIOLOGICAL IMPORTANCE" submitted by Apsara Malleshu is based on the investigations carried out by her under the guidance of Dr R. Suhas, Postgraduate Department of Chemistry of this college.

(Prof. M. Mahadevappa

Principal

PRINCIPAL
J.S.S. College
Ooty Road, Mysore-570 025



JSS COLLEGE OF ARTS, COMMERCE & SCIENCE

(An Autonomous College of University of Mysore) Re-accredited by NAAC with 'A' grade Recognised by UGC as "College with Potential for Excellence"

B N ROAD, MYSURU-570 025, KARNATAKA

: 0821-2548236 &2548380 Fax: 0821-2548238 E-mail: jssautonomous@gmail.com

www. jsscacs.edu.in

CERTIFICATE

This is to certify that the dissertation entitled "NON AQUEOUS POTENTIOMETRIC, AND VISIBLE SPECTROPHOTOMETRIC QUANTIFICATION OF RUPATIDINE FUMARATE IN PHARMACEUTICALS "submitted to the JSS College of Arts, Commerce and Science, Ooty Road, Mysore, by Miss. ARCHANA R under the guidance of Dr.N. RAJENDRAPRASAD, for the partial fulfillment of the requirement of the award of degree 'Master of Science in Chemistry' during the year 2018-19.

Place: Mysore

Date: 24-5-19

PRINCIPAL

J.S.S. College

Ooty Road, Mysore-570 025

(Autonomous)

(Accredited by NAAC with 'A' grade, Affiliated to University of Mysore) B.N Road, Mysore - 25



CERTIFICATE

This is to certify that Arpitha Y S (Reg.No: JCH17006) has successfully completed the project work entitled" Synthesis and Characterization of PVP-PVA\CaZrO₃ nanocomposite films" carried out in the partial fulfillment for the award of Master Of Science(M.Sc) in Chemistry of JSS College of Arts, Commerce and Science affiliated to University of Mysore during the year 2018-2019. The project report has been proven to satisfy the academic requirements in the respect of project work prescribed for the M.Sc Degree in Chemistry.

HEAD OF THE DEPARTMENT Postgraduate Department of Chemistry

Examiners:

Storya. H.V

J.S.S. Coli.

nty Read, Mysore-570 025



JSS COLLEGE OF ARTS, COMMERCE & SCIENCE

(An Autonomous College of University of Mysore) Re-accredited by NAAC with 'A' grade Recognised by UGC as "College with Potential for Excellence"

OOTY ROAD, MYSORE - 570 025, KARNATAKA



5 0821-2548236 & 2548380 Fax: 0821-2548238 E-mail: jssautonomous@gmail.com

CERTIFICATE

This is to certify that the dissertation entitled 'Facile microwave synthesis of ZnO nanoparticles using Indian bael as a fuel and their photodegradation, antibacterial and antioxidant activities' submitted to the JSS College of Arts, Commerce and Science by Miss. Asharani. N under the guidance of Dr. Mallikarjunaswamy C, for the partial fulfillment of the requirement of the award of the degree of Master of Science in Chemistry during the year 2018-19.

Place: Mysuru

Date: 23/5/19

3.S.S. College

Goty Road, Mysore-570 025



JSS COLLEGE OF ARTS, COMMERCE & SCIENCE

(An Autonomous College of University of Mysore)
B.N. ROAD, MYSURU-570 025 KARNATAKA

Re-accredited by NAAC with 'A' grade
Recognised by UGC as "College with Potential for Excellence"

Ph: 0821-2548236 & 2548380. FAX: 0821-2548238 E-mail: jssautonomous@gmail.com Website: JSSCACS.edu.in

CERTIFICATE

This is to certify that the dissertation entitled "SYNTHESIS OF GOLD NANOPARTICLES USING TURMERIC POWDER AND THEIR ANTIBACTERIAL ACTIVITY" submitted to the JSS College of Arts, Commerce and Science by BHAVYA SHREE M. under the guidance of Dr. L. MALLESHA, for the partial fulfillment of the requirement of the award of the degree of Master of Science in Chemistry during the year 2018-19.

Place: Mysuru Date: 2315119

> J.S.S. Colleg. Goty Read, Mysore-570 u.



JSS COLLEGE OF ARTS, COMMERCE & SCIENCE

(An Autonomous College of University of Mysore)
Re-accredited by NAAC with 'A' grade
Recognised by UGC as "College with Potential for Excellence"

BN ROAD, MYSURU-570 025, KARNATAKA

CERTIFICATE

This is to certify that the project work entitled "SYNTHESIS OF SUBSTITUTED N-BENZYLIDENE 2-NITRO ANILINES FOR MEDICINAL APPLICATIONS" submitted by Bhoomika is based on the investigations carried out by her under the guidance of Dr R. Suhas, Postgraduate Department of Chemistry of this college.

(Prof. M. Mahadevappa)

Principal PRINCIPAL

J.S.S. College Coty Road, Mysore-570 025



(An Autonomous College of University of Mysore) B.N. ROAD, MYSURU-570 025 KARNATAKA

Re-accredited by NAAC with 'A' grade Recognised by UGC as "College with Potential for Excellence"

Ph: 0821-2548236 & 2548380. FAX: 0821-2548238 E-mail: jssautonomous@gmail.com Website: JSSCACS.edu.in

CERTIFICATE

This is to certify that the dissertation entitled "SYNTHESIS, CHARACTERIZATION AND ANTIMICROBIAL ACTIVITY 4-FLUOROANILINE DERIVATIVES" submitted to the JSS College of Arts, Commerce and Science by BHOOMIKA K R. under the guidance of Dr. L. MALLESHA, for the partial fulfillment of the requirement of the award of the degree of Master of Science in Chemistry during the year 2018-19.

Place: Mysuru Date: 2315/19

J.S.S. College boty Road, Mysore-570 025

(Autonomous)

B.N road, Mysore - 25

(Accredited by NAAC with 'A' grade, Affiliated to University of Mysore)



CERTIFICATE

This is to certify that Bindushree.K.N(Reg No: JCH17011) has successfully completed the project work entitled" Synthesis and Characterization of PC\ Co nanocomposite films" carried out in the partial fulfillment for the award of Master Of Science(M.Sc) in Chemistry of JSS College of Arts, Commerce and Science affiliated to University of Mysore during the year 2018-2019. The project report has been proven to satisfy the academic requirements in the respect of project work prescribed for the M.Sc Degree in Chemistry.

Examiners:

HEAD OF THE DEPARTMENT

Postgraduate Department of Chemistry JSS College of Arts, Commerce & Science

of the department

ty Road, Mysore-570 625

JSS COLLEGE OF ARTS, COMMERCE & SCIENCE

(An Autonomous College of University of Mysore) Re-accredited by NAAC with ' A' grade Recognized by UGC as "College with Potential for Excellence"
B N ROAD, MYSURU-570 025, KARNATAKA

Ph: 0821-2548236 &2548380 Fax: 0821-2548238 E-mail: jssautonomous@gmail.com www. jsscacs.edu.in

CERTIFICATE

This is to certify that the dissertation entitled "STABILITY INDICATING ULTRAVIOLET SPECTROPHOTOMETRIC ASSAY OF FELODIPINE IN PHARMACEUTICALS AND SPIKED HUMAN URINE" submitted to the JSS College of Arts, Commerce and Science, Ooty Road, Mysore, by Miss. DARSHINI Y G under the guidance of Dr. N. RAJENDRAPRASAD for the partial fulfillment of the requirement of the award of degree 'Master of Science in Chemistry' during the year 2018-19.

Place: Mysuru

Date:

PRINCIPAL

J.S.S. College Ooty Road, Mysore-570 025



(An Autonomous College of University of Mysore)
Re-accredited by NAAC with 'A' grade
Recognised by UGC as "College with Potential for Excellence"
OOTY ROAD, MYSORE - 570 025, KARNATAKA



13 0821-2548236 & 2548380 Fax: 0821-2548238 E-mail: jssautonomous@gmail.com

CERTIFICATE

This is to certify that the dissertation entitled 'A Green and costeffective approach for the synthesis of Zinc Ferrite Nanocomposites using

Aegle Marmelos juice as a fuel: catalytic and microbial applications'
submitted to the JSS College of Arts, Commerce and Science by

Miss. Deepa Darshini A under the guidance of Dr. Mallikarjunaswamy C,
for the partial fulfilment of the requirement of the award of the degree of

Master of Science in Chemistry during the year 2018-19.

Place: Mysuru

Date: 23 5 2019

PRINCIPAL

J.S.S. College

Goty Road, Mysore-570 625



JSS COLLEGE OF ARTS, COMMERCE & SCIENCE

(An Autonomous College of University of Mysore)
Re-accredited by NAAC with 'A' grade
Recognised by UGC as "College with Potential for Excellence"

BN ROAD, MYSURU-570 025, KARNATAKA

☎: 0821-2548236 & 2548380 Fax: 0821-2548238 E-mail: jssautonomous@gmail.com www. jsscacs.edu.in

CERTIFICATE

This is to certify that the project work entitled "CONJUGATION OF BOC-AMINO ACIDS WITH AMINO TRIAZOLE HAVING MEDICINAL PROPERTIES" submitted by Deepa H M is based on the investigations carried out by her under the guidance of Dr R. Suhas, Postgraduate Department of Chemistry of this college.

(Prof. M. Mahadevappa)

J.S.S. College caty Read, Mysore-570 025



(An Autonomous College of University of Mysore) B.N. ROAD, MYSURU-570 025 KARNATAKA

Re-accredited by NAAC with 'A' grade Recognised by UGC as "College with Potential for Excellence"

Ph: 0821-2548236 & 2548380. FAX: 0821-2548238 E-mail: jssautonomous@gmail.com Website: JSSCACS.edu.in

CERTIFICATE

This is to certify that the dissertation entitled "ANTIBACTERIAL ACTIVITY OF 2-NITROBENZENAMINE DERIVATIVES: SYNTHESIS AND CHARACTERIZATION" submitted to the JSS College of Arts, Commerce and Science by Mr. ETI. CHETAN KUMAR under the guidance of Dr. L. MALLESHA, for the partial fulfillment of the requirement of the award of the degree of Master of Science in Chemistry during the year 2018-19.

Place: Mysuru

Date: 23/05/19

J.S.S. College

acty Road, Mysore-570 025



(An Autonomous College of University of Mysere)
B.N. ROAD, MYSURU-570 025 KARNATAKA

Re-accredited by NAAC with 'A' grade Recognised by UGC as "College with Potential for Excellence"

Webnite JISSCACS edit

CERTIFICATE

This is to certify that the dissertation entitled "SYNTHESIS AND ANTIBACTERIAL ACTIVITY OF 2-NITRO ANILINE DERIVATIVES" submitted to the JSS College of Arts, Commerce and Science by Mr. GIRISHA P. under the guidance of Dr. L. MALLESHA, for the partial fulfillment of the requirement of the award of the degree of Master of Science in Chemistry during the year 2018-19.

Place: Mysuru

Date: 23/05/2019

J.S.S. College

Goty Road, Mysore-570 025



JSS COLLEGE OF ARTS, COMMERCE & SCIENCE

(An Autonomous College of University of Mysore)
Re-accredited by NAAC with 'A' grade
Recognised by UGC as "College with Potential for Excellence"

B N ROAD, MYSURU-570 025, KARNATAKA

□: 0821-2548236 &2548380 Fax: 0821-2548238 E-mail: jssautonomous@gmail.com www. jsscacs.edu.in

CERTIFICATE

This is to certify that the dissertation entitled "TWO-PHASE TITRIMETRIC AND EXTRACTION-FREE SPECTROPHOTOMETRIC QUANTIFICATION OF FEXOFENADINE HYDROCHLORIDE IN PHARAMACEUTICALS" submitted to the JSS College of Arts, Commerce and Science, Ooty Road, Mysore, by Mr. HARISH S P under the guidance of Dr.N. RAJENDRAPRASAD, for the partial fulfillment of the requirement of the award of degree 'Master of Science in Chemistry' during the year 2018-19.

Date: 24/5/2019

Place: Mysore

PRINCIPAL J.S.S. College Ooty Road, Mysore-570 025

Principal



JSS COLLEGE OF ARTS, COMMERCE & SCIENCE

(An Autonomous College of University of Mysore)
Re-accredited by NAAC with 'A' grade
Recognised by UGC as "College with Potential for Excellence"

BN ROAD, MYSURU-570 025, KARNATAKA

★: 0821-2548236 & 2548380 Fax: 0821-2548238 E-mail: jssautonomous@gmail.com www. jsscacs.edu.in

CERTIFICATE

This is to certify that the project work entitled "SYNTHESIS OF p-TOLYL IMINES FROM SUBSTITUTED BENZALDEHYDES FOR BIOLOGICAL ACTIVITY" submitted by Harshitha M is based on the investigations carried out by her under the guidance of Dr R. Suhas, Postgraduate Department of Chemistry of this college.

(Prof. M. Mahadevappa)

J.S.S. College

Coty Road, Mysore-570 025



JSS COLLEGE OF ARTS, COMMERCE & SCIENCE

(An Autonomous College of University of Mysore)
Re-accredited by NAAC with 'A' grade
Recognised by UGC as "College with Potential for Excellence"

BN ROAD, MYSURU-570 025, KARNATAKA

2: 0821-2548236 & 2548380 Fax: 0821-2548238 E-mail: jssautonomous@gmail.com www. jsscacs.edu.in

CERTIFICATE

This is to certify that the project work entitled "CONJUGATION OF BOC-AMINO ACIDS WITH AMINO TRIAZOLE HAVING MEDICINAL PROPERTIES" submitted by Harshitha M P is based on the investigations carried out by her under the guidance of Dr R. Suhas, Postgraduate Department of Chemistry of this college.

(Prof. M. Mahadevappa)

Principal PRINCIPAL J.S.S. College

Mysore-570 025



JSS COLLEGE OF ARTS, COMMERCE & SCIENCE

(An Autonomous College of University of Mysore) Re-accredited by NAAC with 'A' grade Recognised by UGC as "College with Potential for Excellence"

BN ROAD, MYSURU-570 025, KARNATAKA

☎: 0821-2548236 & 2548380 Fax: 0821-2548238 E-mail: jssautonomous@gmail.com www. jsscacs.edu.in

CERTIFICATE

This is to certify that the project work entitled "SYNTHESIS OF IMINES CONTAINING PYRIMIDINE NUCLEUS PHARMACEUTICAL OF IMPORTANCE" submitted by Hemalatha D H is based on the investigations carried out by her under the guidance of Dr R. Suhas, Postgraduate Department of Chemistry of this college.

Principal

PRINCIPAL J.S.S. College

Ooty Road, Mysore-570 025



JSS COLLEGE OF ARTS, COMMERCE & SCIENCE

(An Autonomous College of University of Mysore) Re-accredited by NAAC with 'A' grade Recognised by UGC as "College with Potential for Excellence"

BN ROAD, MYSURU-570 025, KARNATAKA

常: 0821-2548236 & 2548380 Fax: 0821-2548238 E-mail: <u>issautonomous@gmail.com</u> www. jsscacs.edu.in

CERTIFICATE

This is to certify that the project work entitled "N-BENZYLIDENES OF 4-NITRO ANILINE: SYNTHESIS OF BIOLOGICALLY COMPOUNDS" submitted by HIthashree B G is based on the investigations carried out by her under the guidance of Dr R. Suhas, Postgraduate Department of Chemistry of this college.

Principal

PRINCIPAL J.S.S. College

Ooty Road, Mysore-570 025



JSS COLLEGE OF ARTS, COMMERCE & SCIENCE

(An Autonomous College of University of Mysore)
Re-accredited by NAAC with 'A' grade
Recognised by UGC as "College with Potential for Excellence"

B N ROAD, MYSURU-570 025, KARNATAKA

□: 0821-2548236 &2548380 Fax: 0821-2548238 E-mail: jssautonomous@gmail.com www.jsscacs.edu.in

CERTIFICATE

This is to certify that the dissertation entitled "UV AND VISIBLE SPECTROPHOTOMETRIC ASSAY OF PIROXICAM IN PHARMACEUTICALS" submitted to the JSS College of Arts, Commerce and Science, Ooty Road, Mysore, by Mr. JAMES STEPHEN S, under the guidance of Dr.N. RAJENDRAPRASAD, for the partial fulfilment of the requirement of the award of degree 'Master of Science in Chemistry' during the year 2018-19.

Place: Mysore

Date: 24/05/A

Principal

S.S. College Fead, Mysore-570 02: JSS (

JSS MAHAVIDYAPEETHA

JSS COLLEGE OF ARTS, COMMERCE & SCIENCE

(An Autonomous College of University of Mysore)
B.N. ROAD, MYSURU-570 025 KARNATAKA

Re-accredited by NAAC with 'A' grade Recognised by UGC as "College with Potential for Excellence"

Ph: 0821-2548236 & 2548380. FAX: 0821-2548238 E-mail: <u>issautonomous@gmail.com</u> Website: JSSCACS.edu.in

CERTIFICATE

This is to certify that the dissertation entitled "SYNTHESIS AND BIOLOGICAL ACTIVITY OF ZINC NANOPARTICLES USING TURMERIC POWDER" submitted to the JSS College of Arts, Commerce and Science by KAVYA B. N. under the guidance of Dr. L. MALLESHA, for the partial fulfillment of the requirement of the award of the degree of Master of Science in Chemistry during the year 2018-19.

Place: Mysuru
Date: 23/05/19

PRINCIPAL J.S.S. College

Ooty Road, Mysore-570 n2



JSS COLLEGE OF ARTS, COMMERCE & SCIENCE

(An Autonomous College of University of Mysore)
Re-accredited by NAAC with 'A' grade
Recognised by UGC as "College with Potential for Excellence"

BN ROAD, MYSURU-570 025, KARNATAKA

★: 0821-2548236 & 2548380 Fax: 0821-2548238 E-mail: jssautonomous@gmail.com www. jsscacs.edu.in

CERTIFICATE

This is to certify that the project work entitled "SYNTHESIS OF IMINES BASED ON 4-NITRO ANILINE OF BIOLOGICAL SIGNIFICANCE" submitted by Kiran B M is based on the investigations carried out by him under the guidance of Dr R. Suhas, Postgraduate Department of Chemistry of this college.

(Prof. M. Mahadevappa) Principal

PRINCIPAL
J.S.S. College
Ooty Road, Mysore-570 025



JSS COLLEGE OF ARTS, COMMERCE & SCIENCE

(An Autonomous College of University of Mysore)
Re-accredited by NAAC with 'A' grade
Recognised by UGC as "College with Potential for Excellence"

B N ROAD, MYSURU-570 025, KARNATAKA

□: 0821-2548236 &2548380 Fax: 0821-2548238 E-mail: jssautonomoùs@gmail.com www. jsscacs.edu.in

CERTIFICATE

This is to certify that the dissertation entitled "UV AND VISIBLE SPECTROPHOTOMETRIC ASSAY OF PIROXICAM IN PHARMACEUTICALS" submitted to the JSS College of Arts, Commerce and Science, Ooty Road, Mysore, by Mr. KIRAN K R, under the guidance of Dr. N. RAJENDRAPRASAD, for the partial fulfilment of the requirement of the award of degree 'Master of Science in Chemistry' during the year 2018-19.

Place: Mysore

Date: 24/05/19

J.S.S. College

Day Read, Wysore-570 825



(An Autonomous College of University of Mysore)

Re-accredited by NAAC with 'A' grade

Recognised by UGC as "College with Potential for Excellence"

OOTY ROAD, MYSORE - 570 025, KARNATAKA



■ 0821-2548236 & 2548380 Fax: 0821-2548238 E-mail: jssautonomous@gmail.com

CERTIFICATE

This is to certify that the dissertation entitled 'A Green and costeffective approach for the synthesis of Zinc Ferrite Nanocomposites using

Aegle Marmelos juice as a fuel: catalytic and microbial applications'
submitted to the JSS College of Arts, Commerce and Science by

Mr. Kiran Kumar B G under the guidance of Dr. Mallikarjunaswamy C,
for the partial fulfilment of the requirement of the award of the degree of

Master of Science in Chemistry during the year 2018-19.

Place: Mysuru

Date: 24-5-19

Principal
- PRINCIPAL

J.3.S. College

Ooty Road, Mysore-570 025



(An Autonomous College of University of Mysore)
Re-accredited by NAAC with 'A' grade
Recognised by UGC as "College with Potential for Excellence"
OOTY ROAD, MYSORE - 570 025, KARNATAKA

SCE (50)

☎ 0821-2548236 & 2548380 Fax: 0821-2548238 E-mail: jssautonomous@gmail.com

CERTIFICATE

This is to certify that the dissertation entitled 'A Green and costeffective approach for the synthesis of Zinc Ferrite Nanocomposites using

Aegle Marmelos juice as a fuel: catalytic and microbial applications'
submitted to the JSS College of Arts, Commerce and Science by

Miss. Madalambika G under the guidance of Dr. Mallikarjunaswamy C, for
the partial fulfilment of the requirement of the award of the degree of

Master of Science in Chemistry during the year 2018-19.

Place: Mysuru

Date:

PRINCIPAL
J.S.S. College
Ooty Road, Mysore-570 025



JSS COLLEGE OF ARTS, COMMERCE & SCIENCE (An Autonomous College of University of Mysore) B.N. ROAD, MYSURU-570 025 KARNATAKA

Re-accredited by NAAC with 'A' grade Recognised by UGC as "College with Potential for Excellence"

Ph: 0821-2548236 & 2548380. FAX: 0821-2548238 E-mail: <u>jssautonomous@gmail.com</u> Website: JSSCACS.edu.in

CERTIFICATE

This is to certify that the dissertation entitled "SYNTHESIS AND BIOLOGICAL ACTIVITY OF 4-AMINO-4H-1,2,4-TRIAZOLE DERIVATIVES" submitted to the JSS College of Arts, Commerce and Science by Ms. MADALAMBIKA .H .M under the guidance of Dr. L. MALLESHA, for the partial fulfillment of the requirement of the award of the degree of Master of Science in Chemistry during the year 2018-19.

Place: Mysuru

Date: 24-5-2019

J.S.S. College Ooty Road, Mysore-570 025



JSS COLLEGE OF ARTS, COMMERCE & SCIENCE

(An Autonomous College of University of Mysore)
Re-accredited by NAAC with 'A' grade
Recognised by UGC as "College with Potential for Excellence"
OOTY ROAD, MYSORE - 570 025, KARNATAKA



☎ 0821-2548236 & 2548380 Fax: 0821-2548238 E-mail: jssautonomous@gmail.com

CERTIFICATE

This is to certify that the dissertation entitled 'A Green and costeffective approach for the synthesis of Zinc Ferrite Nanocomposites using

Aegle Marmelos juice as a fuel: catalytic and microbial applications'
submitted to the JSS College of Arts, Commerce and Science by

Miss. Maheshwari P under the guidance of Dr. Mallikarjunaswamy C, for
the partial fulfilment of the requirement of the award of the degree of

Master of Science in Chemistry during the year 2018-19.

Place: Mysuru

Date: 23 - 5 - 19

Principal Principal

J.S.S. College Ooty Road, 100 0-570 625





(An Autonomous College of University of Mysore) B.N. ROAD, MYSURU-570 025 KARNATAKA

Re-accredited by NAAC with 'A' grade Recognised by UGC as "College with Potential for Excellence"

Ph: 0821-2548236 & 2548380. FAX: 0821-2548238 E-mail: <u>issautonomous@gmail.com</u> Website: JSSCACS.edu.in

CERTIFICATE

This is to certify that the dissertation entitled "SYNTHESIS AND BIOLOGICAL ACTIVITY OF 4-AMINO-4H-1,2,4-TRIAZOLE DERIVATIVES" submitted to the JSS College of Arts, Commerce and Science by Ms. MAMATHA K.N. under the guidance of Dr. L. MALLESHA, for the partial fulfillment of the requirement of the award of the degree of Master of Science in Chemistry during the year 2018-19.

Place: Mysuru

Date: 24-05-2019

PRINCIPAL S.S. College

fisty fload, Mysore-570 028



(An Autonomous College of University of Mysore)
Re-accredited by NAAC with 'A' grade
Recognised by UGC as "College with Potential for Excellence"
OOTY ROAD, MYSORE - 570 025, KARNATAKA



■ 0821-2548236 & 2548380 Fax: 0821-2548238 E-mail: jssautonomous@gmail.com

CERTIFICATE

This is to certify that the dissertation entitled 'Facile microwave synthesis of ZnO nanoparticles using Indian bael as a fuel and their photodegradation, antibacterial and antioxidant activities' submitted to the JSS College of Arts, Commerce and Science by Mr. Manoj C N under the guidance of Dr. Mallikarjunaswamy C, for the partial fulfilment of the requirement of the award of the degree of Master of Science in Chemistry during the year 2018-19.

Place: Mysuru

Date: 24 5 19

Principal

J.S.S. College Ooty Apad, Myspre-570 025



(An Autonomous College of University of Mysore) B.N. ROAD, MYSURU-570 025 KARNATAKA

Re-accredited by NAAC with 'A' grade Recognised by UGC as "College with Potential for Excellence"

Ph: 0821-2548236 & 2548380. FAX: 0821-2548238 E-mail: jssautonomous@gmail.com Website: JSSCACS.edu.in

CERTIFICATE

This is to certify that the dissertation entitled "SYNTHESIS AND ANTIBACTERIAL ACTIVITY OF 2-AMINO-4-CHLORO-6-METHYL PYRIMIDINE DERIVATIVES" submitted to the JSS College of Arts, Commerce and Science by Mr. MANU B. J. under the guidance of Dr. L. MALLESHA, for the partial fulfillment of the requirement of the award of the degree of Master of Science in Chemistry during the year 2018-19.

Place: Mysuru Date: 23/05/19

y Poad, Mysore-570 025



(An Autonomous College of University of Mysore) B.N. ROAD, MYSURU-570 025 KARNATAKA

Re-accredited by NAAC with 'A' grade Recognised by UGC as "College with Potential for Excellence"

Ph: 0821-2548236 & 2548380. FAX: 0821-2548238 E-mail: <u>jasautonomouségmail.com</u> Website: JSSCACS.edu.in

CERTIFICATE

This is to certify that the dissertation entitled "SYNTHESIS ANTIBACTERIAL ACTIVITY AND 2-AMINO-4-CHLORO-6-OF METHYL PYRIMIDINE DERIVATIVES" submitted to the JSS College of Arts, Commerce and Science by Ms. MEGHA CHANDRASHEKAR under the guidance of Dr. L. MALLESHA, for the partial fulfillment of the requirement of the award of the degree of Master of Science in Chemistry during the year 2018-19.

Place: Mysuru Date: 23/5/19

J.S.S. College lety Read, Mysore-570 025



JSS COLLEGE OF ARTS, COMMERCE & SCIENCE

(An Autonomous College of University of Mysore) B.N. ROAD, MYSURU-570 025 KARNATAKA

Re-accredited by NAAC with 'A' grade Recognised by UGC as "College with Potential for Excellence"

Ph: 0821-2548236 & 2548380. FAX: 0821-2548238 E-mail: <u>issautonomous@gmail.com</u> Website: JSSCACS.edu.in

CERTIFICATE

This is to certify that the dissertation entitled "SYNTHESIS AND BIOLOGICAL ACTIVITY OF 4-AMINO-4H-1,2,4-TRIAZOLE DERIVATIVES" submitted to the JSS College of Arts, Commerce and Science by Ms. MEGHA K.S. under the guidance of Dr. L. MALLESHA, for the partial fulfillment of the requirement of the award of the degree of Master of Science in Chemistry during the year 2018-19.

Place: Mysuru

Date: 24/05/19

J.S.S. College

Ooty Road, Mysore-570 025



SS COLLEGE OF ARTS, COMMERCE & SCIENCE

(An Autonomous College of University of Mysore)
Re-accredited by NAAC with 'A' grade
Recognized by UGC as "College with Potential for Excellence"

B N ROAD, MYSURU-570 025, KARNATAKA

□: 0821-2548236 &2548380 Fax: 0821-2548238 E-mail: jssautonomous@gmail.com www. jsscacs.edu.in

CERTIFICATE

This is to certify that the dissertation entitled "DIRECT STABILITY INDICATING AND INDIRECT OXIDATION BASED VISIBLE SPECTROPHOTOMETRIC ASSAY OF ENROFLOXACIN IN PHARMACEUTICALS" submitted to the JSS College of Arts, Commerce and Science, B N Road, Mysore, by Miss. NAGAMANI S N under the guidance of Dr.N. RAJENDRAPRASAD, for the partial fulfillment of the requirement of the award of degree 'Master of Science in Chemistry' during the year 2018-19.

Place: Mysore

Date: 25 | 5 | 19

Principal PRINCIPAL

J.S.S. College

Ooty Road, Mysore-570 025

JSS COLLEGE OF ARTS, COMMERCE & SCIENCE

(An Autonomous College of University of Mysore) B.N. ROAD, MYSURU-570 025 KARNATAKA

Re-accredited by NAAC with 'A' grade Recognised by UGC as "College with Potential for Excellence"

Ph: 0821-2548236 & 2548380. FAX: 0821-2548238 E-mail: <u>issautonomous@gmail.com</u> Website: JSSCACS.edu.in

CERTIFICATE

This is to certify that the dissertation entitled "SYNTHESIS OF SCHIFF BASES AND THEIR BIOLOGICAL EVALUATION" submitted to the JSS College of Arts, Commerce and Science by NANDINI.B.L under the guidance of Dr. L. MALLESHA, for the partial fulfilment of the requirement of the award of the degree of Master of Science in Chemistry during the year 2018-19.

Place: Mysuru

Date: 24/05/19

PRINCIPAL

J.S.S. Colleg

Poty Road, Mysore-570 025



JSS COLLEGE OF ARTS, COMMERCE & SCIENCE

(An Autonomous College of University of Mysore)
Re-accredited by NAAC with 'A' grade
Recognised by UGC as "College with Potential for Excellence"
B N ROAD, MYSURU-570 025, KARNATAKA

Ph: 0821-2548236 &2548380 Fax: 0821-2548238 E-mail: jssautonomous@gmail.com www. jsscacs.edu.in

CERTIFICATE

This is to certify that the dissertation entitled "ACID-BASE ASSAY OF FEXOFENADINE HYDROCHLORIDE TITRIMETRIC PHARMACEUTICALS IN HYDRO-ALCOHOLIC MEDIUM" submitted to the JSS College of Arts, Commerce and Science, Ooty Road, Mysore, by **POORNIMA** B S under the guidance Miss. of Dr. N. RAJENDRAPRASAD for the partial fulfillment of the requirement of the award of degree 'Master of Science in Chemistry' during the year 2018-19.

Place: Mysore

Date:

Principal PRINCIPAL

J.S.S. College

Ooty Road, Mysore-570 025

(Autonomous)

B.N road, Mysore - 25 (Accredited by NAAC with 'A' grade, Affiliated to University of Mysore)



CERTIFICATE

This is to certify that Prajwal Reddy (Reg No: JCH17041) has successfully completed the project work entitled" Synthesis and Characterization of PC\ Co nanocomposite films" carried out in the partial fulfillment for the award of Master Of Science(M.Sc) in Chemistry of JSS College of Arts, Commerce and Science affiliated to University of Mysore during the year 2018-2019. The project report has been proven to satisfy the academic requirements in the respect of project work prescribed for the M.Sc Degree in Chemistry.

Examiners:

Postgraduate Department of Chemistry JSS College of Arts, Commerce & Science

Head of the department

Principal PRINCIPAL

J.S.S. College

Ooty Road, Mysore-570 025



JSS COLLEGE OF ARTS, COMMERCE & SCIENCE (An Autonomous College of University of Mysore) B.N. ROAD, MYSURU-570025 KARNATAKA

Re-accredited by NAAC with 'A' grade Recognised by UGC as "College with Potential for Excellence"

Ph: 0821-2548236 & 2548380. FAX: 0821-2548238 E-mail: issautonomous@cmail.com Website: JSSCACS.edu.in

CERTIFICATE

This is to certify that the dissertation entitled "SYNTHESIS AND ANTIBACTERIAL ACTIVITY OF SCHIFF BASES OF 4-NITROBENZAMIDE DERIVATIVES" submitted to the JSS College of Arts, Commerce and Science by PRASHASTHI Y. S. under the guidance of Dr. L. MALLESHA, for the partial fulfillment of the requirement of the award of the degree of Master of Science in Chemistry during the year 2018-19.

Place: Mysuru

Date: 23/05/19

PRINCIPAL J.S.S. College

acty Road, Mysore-570 025



(An Autonomous College of University of Mysore)
B.N. ROAD, MYSURU-570 025 KARNATAKA

Re-accredited by NAAC with 'A' grade Recognised by UGC as "College with Potential for Excellence"

Ph: 0821-2548236 & 2548380. FAX: 0821-2548238 E-mail: jssautonomous@gmail.com Website: JSSCACS.edu.in

CERTIFICATE

This is to certify that the dissertation entitled "SYNTHESIS BIOLOGICAL ACTIVITY AND OF 4-AMINO-4H-1,2,4-TRIAZOLE DERIVATIVES" submitted to the JSS College of Arts, Commerce and Science by Ms. PRIYANKA B.R. under the guidance of Dr. L. MALLESHA, for the partial fulfillment of the requirement of the award of the degree of Master of Science in Chemistry during the year 2018-19.

Place: Mysuru Date: 23/5/19

J.S.S. College Coty Road, Mysore-570 025



JSS COLLEGE OF ARTS, COMMERCE & SCIENCE

(An Autonomous College of University of Mysore)
Re-accredited by NAAC with 'A' grade
Recognized by UGC as "College with Potential for Excellence"
B N ROAD, MYSURU-570 025, KARNATAKA

Ph: 0821-2548236 &2548380 Fax: 0821-2548238 E-mail: jssautonomous@gmail.com www. jsscacs.edu.in

CERTIFICATE

This is to certify that the dissertation entitled "STABILITY INDICATING ULTRAVIOLET SPECTROPHOTOMETRIC ASSAY OF FELODIPINE IN PHARMACEUTICALS AND SPIKED HUMAN URINE" submitted to the JSS College of Arts, Commerce and Science, Ooty Road, Mysore, by Miss. PRIYANKA H U under the guidance of Dr. N. RAJENDRAPRASAD for the partial fulfillment of the requirement of the award of degree 'Master of Science in Chemistry' during the year 2018-19.

Place: Mysuru

Date:

Principal PRINCIPAL

J.S.S. College Opty Road, Mysore-570





(An Autonomous College of University of Mysore)
Re-accredited by NAAC with 'A' grade
Recognised by UGC as "College with Potential for Excellence"

BN ROAD, MYSURU-570 025, KARNATAKA

☎: 0821-2548236 & 2548380 Fax: 0821-2548238 E-mail: jssautonomous@gmail.com www. jsscacs.edu.in

CERTIFICATE

This is to certify that the project work entitled "SYNTHESIS OF SUBSTITUTED 2-NITRO PHENYL IMINES FOR MEDICAL APPLCATIONS" submitted by Rajesh D P is based on the investigations carried out by him under the guidance of Dr R. Suhas, Postgraduate Department of Chemistry of this college.

(Prof. M. Mahadevappa)

Principal PRINCIPAL

J.S.S. College

Opty Road, Mysore-570 025



(An Autonomous College of University of Mysore) B.N. ROAD, MYSURU-570 025 KARNATAKA

Re-accredited by NAAC with 'A' grade Recognised by UGC as "College with Potential for Excellence"

Ph: 0821-2548236 & 2548380. FAX: 0821-2548238 E-mail: jssautonomous@gmail.com Website: JSSCACS.edu.in

CERTIFICATE

This is to certify that the dissertation entitled "SYNTHESIS AND BIOLOGICAL ACTIVITY OF 4-AMINO-4H-1,2,4-TRIAZOLE DERIVATIVES" submitted to the JSS College of Arts, Commerce and Science by Ms. RASHMI N.R. under the guidance of Dr. L. MALLESHA, for the partial fulfillment of the requirement of the award of the degree of Master of Science in Chemistry during the year 2018-19.

Place: Mysuru

Date:

JSS COLLEGE OF ARTS, COMMERCE AND SCIENCE

(Accredited by NAAC with 'A' grade, Affiliated to University of Mysore) (Autonomous) B.N Road, Mysore - 25



CERTIFICATE

This is to certify that Rashmi.R.M (Reg.No: JCH17047) has successfully completed the project work entitled" Synthesis and Characterization of PVP-PVA\ CaZrO₃ nanocomposite films" carried out in the partial fulfillment for the award of Master Of Science(M.Sc) in Chemistry of JSS College of Arts, Commerce and Science affiliated to University of Mysore during the year 2018-2019. The project report has been proven to satisfy the academic requirements in the respect of project work prescribed for the M.Sc Degree in Chemistry.

HEAD OF THE DEPARTMENT JSS CHead of the department Ooty Road, Mysore

Examiners:

Lange H.V

PRINCIPAL. J.S.S. College

nty Read, Mysore-570 025



SS COLLEGE OF ARTS, COMMERCE & SCIENCE

(An Autonomous College of University of Mysore)
Re-accredited by NAAC with 'A' grade
Recognised by UGC as "College with Potential for Excellence"

B N ROAD, MYSURU-570 025, KARNATAKA

1: 0821-2548236 &2548380 Fax: 0821-2548238 E-mail: jssautonomous@gmail.com.www. jsscacs.edu.in

CERTIFICATE

This is to certify that the dissertation entitled "DIRECT STABILITY INDICATING UV AND INDIRECT OXIDATION BASED VISIBLE SPECTROPHOTOMETRIC ASSAY OF ENROPLOXACIN IN PHARMACEUTICALS" submitted to the JSS College of Arts, Commerce and Science, Ooty Road, Mysore, by Miss. RESHMA K.L. under the guidance of Dr. N. RAJENDRAPRASAD, for the partial fulfillment of the requirement of the award of degree 'Master of Science in Chemistry' during the year 2018-19.

Place: Mysuru

Date: 24-05-2019

Principal PRINCIPAL

J.S.S. College Octy Road, Mysore-570 625

SS COLLEGE OF ARTS, COMMERCE & SCIENCE

(An Autonomous College of University of Mysore)
Re-accredited by NAAC with 'A' grade
Recognised by UGC as "College with Potential for Excellence"
B N ROAD, MYSURU-570 025, KARNATAKA

Ph: 0821-2548236 &2548380 Fax: 0821-2548238 E-mail: jssautonomous@gmail.com www. jsscacs.edu.in

CERTIFICATE

This is to certify that the dissertation entitled "SIMPLE UV AND VISIBLE SPECTROPHOTOMETRIC METHODS FOR DETERMINATION OF DONEPEZIL HYDROCHLORIDE IN PHARMACEUTICALS" submitted to the JSS College of Arts, Commerce and Science, Ooty Road, Mysore, by Miss. ROOPA S under the guidance of Dr. N. RAJENDRAPRASAD for the partial fulfillment of the requirement of the award of degree 'Master of Science in Chemistry' during the year 2018-19.

Place: Mysore

Date:

Principal O

J.S.S. College Ooty Road, Mysore-570 025

JSS COLLEGE OF ARTS, COMMERCE AND SCIENCE

(Autonomous)

B.N road, Mysore - 25

(Accredited by NAAC with 'A' grade, Affiliated to University of Mysore)



CERTIFICATE

This is to certify that Shivaprasad S (Reg No: JCH17051) has successfully completed the project work entitled" Synthesis and Characterization of PC\ Co nanocomposite films" carried out in the partial fulfillment for the award of Master Of Science(M.Sc) in Chemistry of JSS College of Arts, Commerce and Science affiliated to University of Mysore during the year 2018-2019. The project report has been proven to satisfy the academic requirements in the respect of project work prescribed for the M.Sc Degree in Chemistry.

Signature of guide

Examiners:

Sharyo. H.V

HEAD OF THE DEPARTMENT
Postgraduate Department of Chemistry

JSS Coll Head of the department

Ooty Road, Mysore - 25

Principal

Read, Mysore-570 025

2



JSS COLLEGE OF ARTS, COMMERCE & SCIENCE

(An Autonomous College of University of Mysore) Re-accredited by NAAC with 'A' grade

Recognised by UGC as "College with Potential for Excellence" OOTY ROAD, MYSORE - 570 025, KARNATAKA

☎ 0821-2548236 & 2548380 Fax: 0821-2548238 E-mail: jssautonomous@gmail.com

CERTIFICATE

This is to certify that the dissertation entitled 'Facile microwave synthesis of ZnO nanoparticles using Indian bael as a fuel and their photodegradation, antibacterial and antioxidant activities' submitted to the JSS College of Arts, Commerce and Science by Miss. Shreekrupa P B under the guidance of Dr. Mallikarjunaswamy C, for the partial fulfilment of the requirement of the award of the degree of Master of Science in Chemistry during the year 2018-19.

Place: Mysuru

Date: 24/05/2019



JSS MAHAVIDYAPEETHA JSS COLLEGE OF ARTS, COMMERCE & SCIENCE

(An Autonomous College of University of Mysore) Re-accredited by NAAC with 'A' grade Recognised by UGC as "College with Potential for Excellence" OOTY ROAD, MYSORE - 570 025, KARNATAKA

■ 0821-2548236 & 2548380 Fax: 0821-2548238 E-mail: jssautonomous@gmail.com

CERTIFICATE

This is to certify that the dissertation entitled 'Facile microwave synthesis of ZnO nanoparticles using Indian bael as a fuel and their photodegradation, antibacterial and antioxidant activities' submitted to the JSS College of Arts, Commerce and Science by Mr. Shridhar B S under the guidance of Dr. Mallikarjunaswamy C, for the partial fulfilment of the requirement of the award of the degree of Master of Science in Chemistry during the year 2018-19.

Place: Mysuru

Date: 24-05-2019

JSS COLLEGE OF ARTS, COMMERCE & SCIENCE

(An Autonomous College of University of Mysore)
Re-accredited by NAAC with "A" grade
Recognised by UGC as "College with Potential for Excellence"
B N ROAD, MYSURU-570 025, KARNATAKA

Ph: 0821-2548236 &2548380 Fax: 0821-2548238 E-mail: jssautonomous@gmail.com www. jsscacs.edu.in

CERTIFICATE

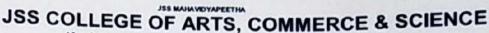
This is to certify that the dissertation entitled "ACID-BASE TITRIMETRIC ASSAY OF FEXOFENADINE HYDROCHLORIDE PHARMACEUTICALS IN HYDRO-ALCOHOLIC MEDIUM" submitted to the JSS College of Arts, Commerce and Science, Ooty Road, Mysore, by of SHWETHA S M under the guidance Mrs. Dr. N. RAJENDRAPRASAD for the partial fulfillment of the requirement of the award of degree Master of Science in Chemistry during the year 2018-19.

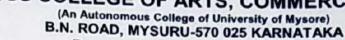
Place: Mysore

Date: 24 |5|19

Principal

PRINCIPAL
J.S.S. College
Ooty Road, Mysore-570 025





Re-accredited by NAAC with 'A' grade Recognised by UGC as "College with Potential for Excellence"

Ph: 0821-2548236 & 2548380. FAX: 0821-2548238 E-mail: jssautonomous@gmail.com Website: JSSCACS.edu.in

CERTIFICATE

This is to certify that the dissertation entitled "SYNTHESIS AND ANTIBACTERIAL ACTIVITY OF 2-AMINO-4-CHLORO-6-METHYL PYRIMIDINE DERIVATIVES" submitted to the JSS College of Arts, Commerce and Science by Ms SINDHU. P under the guidance of Dr. L. MALLESHA, for the partial fulfillment of the requirement of the award of the degree of Master of Science in Chemistry during the year 2018-19.

Place: Mysuru

Date: 24/5/2019

Principal

J.S.S. College



SS COLLEGE OF ARTS, COMMERCE & SCIENCE

(An Autonomous College of University of Mysore) Re-accredited by NAAC with 'A' grade Recognised by UGC as "College with Potential for Excellence"

B N ROAD, MYSURU-570 025, KARNATAKA

: 0821-2548236 &2548380 Fax: 0821-2548238 E-mail: jssautonomous@gmail.com www. jsscacs.edu.in

CERTIFICATE

This is to certify that the dissertation entitled "NON **AQUEOUS** POTENTIOMETRIC, AND VISIBLE SPECTROPHOTOMETRIC QUANTIFICATION OF RUPATIDINE FUMARATE IN PHARMACEUTICALS " submitted to the JSS College of Arts, Commerce and Science, Ooty Road, Mysore, by Miss. ARCHANA R under the guidance of Dr. N. RAJENDRAPRASAD, for the partial fulfillment of the requirement of the award of degree 'Master of Science in Chemistry' during the year 2018-19.

Place: Mysore Date: 24/5/19

J.S.S. College



JSS COLLEGE OF ARTS, COMMERCE & SCIENCE

(An Autonomous College of University of Mysore) Re-accredited by NAAC with 'A' grade Recognised by UGC as "College with Potential for Excellence"

BN ROAD, MYSURU-570 025, KARNATAKA

■: 0821-2548236 & 2548380 Fax: 0821-2548238 E-mail: jssautonomous@gmail.com www. jsscacs.edu.in

CERTIFICATE

This is to certify that the project work entitled "BENZYLIDENES OF 1,2,4-TRIAZOLE WITH BIOLOGICAL APPLICATIONS" submitted by Soundarya s is based on the investigations carried out by her under the guidance of Dr R. Suhas, Postgraduate Department of Chemistry of this college.

Principal

PRINCIPAL J.S.S. College

JSS COLLEGE OF ARTS, COMMERCE & SCIENCE (An Autonomous College of University of Mysore) B.N. ROAD, MYSURU-570 025 KARNATAKA

Re-accredited by NAAC with 'A' grade Recognized by UGC as "College with Potential for Excellence"

Ph: 0821-2548236 & 2548380. FAX: 0821-2548238 E-mail: jssautonomous@gmail.com Website: JSSCACS.edu.ir

CERTIFICATE

This is to certify that the dissertation entitled "SYNTHESIS AND ANTIBACTERIAL ACTIVITY OF SCHIFF BASES OF 4-NITROBENZAMIDE DERIVATIVES" submitted to the JSS College of Arts, Commerce and Science by SPURTHI H.M. under the guidance of Dr. L. MALLESHA, for the partial fulfillment of the requirement of the award of the degree of Master of Science in Chemistry during the year 2018-19.

Place: Mysuru

Date: 23/5/19

Principal PRINCIPAL

AJ.S.S. College



JSS COLLEGE OF ARTS, COMMERCE & SCIENCE

(An Autonomous College of University of Mysore) B.N. ROAD, MYSURU-570 025 KARNATAKA

Re-accredited by NAAC with 'A' grade Recognised by UGC as "College with Potential for Excellence"

Ph: 0821-2548236 & 2548380. FAX: 0821-2548238 E-mail: <u>issautonomous@gmail.com</u> Website: JSSCACS.edu.in

CERTIFICATE

This is to certify that the dissertation entitled "SYNTHESIS OF 2-NITRO ANILINE DERIVATIVES AND THEIR ANTIBACTERIAL ACTIVITY" submitted to the JSS College of Arts, Commerce and Science by Mr. SUHAS S. under the guidance of Dr. L. MALLESHA, for the partial fulfillment of the requirement of the award of the degree of Master of Science in Chemistry during the year 2018-19.

Place: Mysuru Date: 2415/19

> PRINCIPAL J.S.S. College

Opty Road, Mysche-570 025





JSS COLLEGE OF ARTS, COMMERCE & SCIENCE

(An Autonomous College of University of Mysore)
Re-accredited by NAAC with 'A' grade
Recognised by UGC as "College with Potential for Excellence"

BN ROAD, MYSURU-570 025, KARNATAKA

☎: 0821-2548236 & 2548380 Fax: 0821-2548238 E-mail: <u>issautonomous@gmail.com</u> www. jsscacs.edu.in

CERTIFICATE

This is to certify that the project work entitled "SYNTHESIS OF IMINES OF 4-CHLORO-3-METHYL PYRIMIDINES WITH PHARMACEUTICAL APPLICATIONS" submitted by Sushmitha K R is based on the investigations carried out by her under the guidance of Dr R. Suhas, Postgraduate Department of Chemistry of this college.

(Rrof. M. Mahadevappa)
Principal

J.S.S. College Caty Read, Mysore-570 025



JSS COLLEGE OF ARTS, COMMERCE & SCIENCE

(An Autonomous College of University of Mysore)
Re-accredited by NAAC with 'A' grade
Recognised by UGC as "College with Potential for Excellence"

BN ROAD, MYSURU-570 025, KARNATAKA

9: 0821-2548236 & 2548380 Fax: 0821-2548238 E-mail: jssautonomous@gmail.com www. jsscacs.edu.in

CERTIFICATE

This is to certify that the project work entitled "IMINES OF 4-NITRO ANILINE: SYNTHESIS OF BIOLOGICALLY SIGNIFICANT COMPOUNDS" submitted by Tejaswini S P is based on the investigations carried out by her under the guidance of Dr R. Suhas, Postgraduate Department of Chemistry of this college.

(Prof. M. Mahadevappa)

Principal

J.S.S. College



JSS COLLEGE OF ARTS, COMMERCE & SCIENCE

(An Autonomous College of University of Mysore)
Re-accredited by NAAC with 'A' grade
Recognised by UGC as "College with Potential for Excellence"

OOTY ROAD, MYSORE - 570 025, KARNATAKA

\$\$ 0821-2548236 & 2548380 Fax: 0821-2548238 E-mail: jssautonomous@gmail.com



CERTIFICATE

This is to certify that the dissertation entitled 'A Green and costeffective approach for the synthesis of Zinc Ferrite Nanocomposites using'

Aegle Marmelos juice as a fuel: catalytic and microbial applications'
submitted to the JSS College of Arts, Commerce and Science by

Mr. Umakantha B N under the guidance of Dr. Mallikarjunaswamy C, for
the partial fulfilment of the requirement of the award of the degree of

Master of Science in Chemistry during the year 2018-19.

Place: Mysuru

Date: 24/5/19

PRINCIPAL

J.S.S. College



JSS COLLEGE OF ARTS, COMMERCE & SCIENCE

(An Autonomous College of University of Mysore)
Re-accredited by NAAC with 'A' grade
Recognised by UGC as "College with Potential for Excellence"

B N ROAD, MYSURU-570 025, KARNATAKA

: 0821-2548236 &2548380 Fax: 0821-2548238 E-mail: jssautonomous@gmail.com www. jsscacs.edu.in

CERTIFICATE

This is to certify that the dissertation entitled "TWO-PHASE TITRIMETRIC AND EXTRACTION-FREE SPECTROPHOTOMETRIC QUANTIFICATION OF FEXOFENADINE HYDROCHLORIDE IN PHARAMACEUTICALS" submitted to the JSS College of Arts, Commerce and Science, Ooty Road, Mysore, by Miss. VANISHREE R S under the guidance of Dr.N. RAJENDRAPRASAD, for the partial fulfillment of the requirement of the award of degree 'Master of Science in Chemistry' during the year 2018-19.

Place: Mysore

Date: 94/5/19

Principal PRINCIPAL

J.S.S. College

JSS COLLEGE OF ARTS, COMMERCE AND SCIENCE

(Autonomous)

B.N road, Mysore - 25

(Accredited by NAAC with 'A' grade, Affiliated to University of Mysore)



CERTIFICATE

This is to certify that Shivaprasad S, Bindushree K N and Prajwal Reddy G has successfully completed the project work entitled" Synthesis and Characterization of PC\ Co nanocomposite films" carried out in the partial fulfillment for the award of Master Of Science(M.Sc) in Chemistry of JSS College of Arts, Commerce and Science affiliated to University of Mysore during the year 2018-2019. The project report has been proven to satisfy the academic requirements in the respect of project work prescribed for the M.Sc Degree in Chemistry.

Signature of guide

Examiners:

Postgrave January of Chemistre JSS Head of the department in (Autonomous)

Onty Read, Mysore

PRINCIPAL J.S.S. College

Ooty Road, Mysore-570 025

2) Kanyon-H-V



JSS COLLEGE OF ARTS, COMMERCE & SCIENCE

(An Autonomous College of University of Mysore)
Re-accredited by NAAC with 'A' grade
Recognised by UGC as "College with Potential for Excellence"

BN ROAD, MYSURU-570 025, KARNATAKA

★: 0821-2548236 & 2548380 Fax: 0821-2548238 E-mail: jssautonomous@gmail.com www. jsscacs.edu.in

CERTIFICATE

This is to certify that the project work entitled "SYNTHESIS OF N-BENZYLIDENES FROM 4-NITRO ANILINE HAVING FUNCTIONS IN BIOLOGY" submitted by Sowmya R is based on the investigations carried out by her under the guidance of Dr R. Suhas, Postgraduate Department of Chemistry of this college.

(Prof. M. Mahadevappa)

J.S.S. College Ooty Road, Mysore-570 025



JSS COLLEGE OF ARTS, COMMERCE & SCIENCE

(An Autonomous College of University of Mysore) Re-accredited by NAAC with 'A' grade Recognised by UGC as "College with Potential for Excellence"

BN ROAD, MYSURU-570 025, KARNATAKA

★: 0821-2548236 & 2548380 Fax: 0821-2548238 E-mail: <u>issautonomous@gmail.com</u> www. jsscacs.edu.in

CERTIFICATE

This is to certify that the project work entitled "ARYL SUBSTITUTED p-TOLYL IMINES: SYNTHESIS OF MEDICINALLY IMPORTANT COMPOUNDS" submitted by Sunil Kumar B M is based on the investigations carried out by him under the guidance of Dr R. Suhas, Postgraduate Department of Chemistry of this college.

Principal

PRINCIPAL J.S.S. College Ooty Road, Mysore-570 025



JSS COLLEGE OF ARTS, COMMERCE & SCIENCE

(An Autonomous College of University of Mysore)
Re-accredited by NAAC with 'A' grade
Recognised by UGC as "College with Potential for Excellence"
OOTY ROAD, MYSORE - 570 025, KARNATAKA



■ 0821-2548236 & 2548380 Fax: 0821-2548238 E-mail: jssautonomous@gmail.com

CERTIFICATE

This is to certify that the dissertation entitled 'A review on importance, synthesis and applications of Nanomaterials' submitted to the JSS College of Arts, Commerce and Science by Mr. AMRUTH K P under the guidance of Dr. Mallikarjunaswamy C, for the partial fulfilment of the requirement of the award of the degree of Master of Science in Chemistry during the year 2019-20.

Place: Mysuru

Date:11-09-20

Principal PRINCIPAL

JSS College of Arts Commerce & Science

(Autonomous)

Ooty Road Mysuru-25



JSS COLLEGE OF ARTS, COMMERCE & SCIENCE

(An Autonomous College of University of Mysore)
Re-accredited by NAAC with 'A' grade
Recognised by UGC as "College with Potential for Excellence"
OOTY ROAD, MYSORE - 570 025, KARNATAKA

OOTY ROAD, MYSORE - 570 025, KARNAJAKA

8 0821-2548236 & 2548380 Fax: 0821-2548238 E-mail: jssautonomous@gmail.com

CERTIFICATE

This is to certify that the dissertation entitled 'A review on importance, synthesis and applications of Nanomaterials' submitted to the JSS College of Arts, Commerce and Science by Mr. ANUDEEP B H under the guidance of Dr. Mallikarjunaswamy C, for the partial fulfilment of the requirement of the award of the degree of Master of Science in Chemistry during the year 2019-20.

Place: Mysuru

Date: 10/09/2020

JSS College of Arts, Commerce & Science (Autonomous)

Octy Road, MYSURU-25



JSS COLLEGE OF ARTS, COMMERCE & SCIENCE

(An Autonomous College of University of Mysore) B.N. ROAD, MYSURU-570 025 KARNATAKA

Re-accredited by NAAC with 'A' grade

Recognised by UGC as "College with Potential for Excellence"
Ph: 0821-2548236 & 2548380. FAX: 0821-2548238 E-mail: jssautonomous@gmail.com Website: JSSCACS.edu.in

CERTIFICATE

This is to certify that the dissertation entitled "ANTIBACTERIAL ACTIVITY OF N-DERIVATIVE USING SOLVENT FREE METHOD" submitted to the JSS College of Arts, Commerce and Science by ANUSHA.K under the guidance of Dr. L. MALLESHA, for the partial fulfillment of the requirement of the award of the degree of Master of Science in Chemistry during the year 2019-20.

Place: Mysuru
Date: 14/9/2020

Principal PRINCIPAL

JSS College of Arts Commerce & Science

(Autonomous)

Octy Road Mysuru-25

JSS COLLEGE OF ARTS, COMMERCE AND SCIENCE

(Autonomous)
B.N road, Mysore – 25

(Accredited by NAAC with 'A' grade, Affiliated to University of Mysore)



CERTIFICATE

This is to certify that Anusha.K.B (Reg No: JCH18004) has successfully completed the project work entitled" Review on Synthesis of Nanoparticles "carried out in the partial fulfillment for the award of Master Of Science(M.Sc) in Chemistry of JSS College of Arts, Commerce and Science affiliated to University of Mysore during the year 2019-2020. The project report has been proven to satisfy the academic requirements in the respect of project work prescribed for the M.Sc Degree in Chemistry.

Signature of guide

Examiners:

PRINCIPAL

Head of the department HEAD OF THE DEPARTMENT

Postgraduate Department of Chemistry JSS College of Arts, Commerce & Science (Autonomous) Ooty Road, Mysore - 25

JSS College of A.

... ce & Science

(Automore o)

Only Road, MYSURU-25

JSS COLLEGE OF ARTS, COMMERCE AND SCIENCE

(Autonomous)

B.N road, Mysore - 25 (Accredited by NAAC with 'A' grade, Affiliated to University of Mysore)



CERTIFICATE

This is to certify that Arun Kumar S (Reg No: JCH18005) has successfully completed the project work entitled" Review on optical properties of polymer nanocomposites carried out in the partial fulfillment for the association of the same of for the award of Master Of Science(M.Sc) in Chemistry of JSSCollege of Arts, Commerce and Science affiliated to University of Mysore during the year 2019-2020. The project report has been proven to satisfy the academic requirements in the respect of project work prescribed for the M.Sc Degree in Chemistry.

Signature of guide

Examiners:

HEAD OF THE DEPARTMENT

Head of the department

Postgrauucte Department of Chemistry JSS College of Arts, Commerce & Science

(Autonomous) Octy Road, Mysore - 25

Principal

PRINCIPAL

SS College of Arts, Commerce & Science

(Autonomous) Ooty Road, MYSURU-25



JSS COLLEGE OF ARTS, COMMERCE & SCIENCE

(An Autonomous College of University of Mysore)
Re-accredited by NAAC with 'A' grade
Recognised by UGC as "College with Potential for Excellence"

B N ROAD, MYSURU-570 025, KARNATAKA

0821-2548236 &2548380 Fax: 0821-2548238 E-mail: jssautonomous@gmail.com www. jsscacs.edu.in

CERTIFICATE

This is to certify that the dissertation entitled "A REVIEW OF ANALYTICAL METHODS FOR DETERMINATION OF OXFENDAZOLE" submitted to the JSS College of Arts, Commerce and Science, Ooty Road, Mysore, by Miss. CHANDANA K. M under the guidance of Dr. N. RAJENDRAPRASAD, for the partial fulfillment of the requirement of the award of degree 'Master of Science in Chemistry' during the year 2019-20.

Place: Mysore Date: 14/09/2020

JSS Coffeye 0

JSS College of Arts, Culline Bal Scie Octy Road, MYSURU-25



SS COLLEGE OF ARTS, COMMERCE & SCIENCE

(An Autonomous College of University of Mysore) Re-accredited by NAAC with 'A' grade Recognised by UGC as "College with Potential for Excellence"

B N ROAD, MYSURU-570 025, KARNATAKA

0821-2548236 &2548380 Fax: 0821-2548238 E-mail: jssautonomous@gmail.com www. jsscacs.edu.in

CERTIFICATE

This is to certify that the dissertation entitled "A REVIEW OF DONEPEZIL DETERMINATION OF FOR **METHODS** ANALYTICAL **BIOLOGICAL** IN PHARMACEUTICALS AND IN HYDROCHLORIDE MATERIALS" submitted to the JSS College of Arts, Commerce and Science, Ooty Road, Mysore, by Miss. DEEKSHA M under the guidance of Dr. N. RAJENDRAPRASAD, for the partial fulfillment of the requirement of the award of degree 'Master of Science in Chemistry' during the year 2019-20.

Place: Mysuru Date: 14/9/20

Principal

PRINCIPAL

JSS College of Arts Commerce & Science

(Autonomous)

Ooty Road Mysuru-25



JSS COLLEGE OF ARTS, COMMERCE & SCIENCE

(An Autonomous College of University of Mysore)
Re-accredited by NAAC with 'A' grade
Recognised by UGC as "College with Potential for Excellence"
OOTY ROAD, MYSORE - 570 025, KARNATAKA

CE (50)

■ 0821-2548236 & 2548380 Fax: 0821-2548238 E-mail: jssautonomous@gmail.com

CERTIFICATE

This is to certify that the dissertation entitled 'A review on importance, synthesis and applications of Nanomaterials' submitted to the JSS College of Arts, Commerce and Science by Mr. DEEPAK S M under the guidance of Dr. Mallikarjunaswamy C, for the partial fulfilment of the requirement of the award of the degree of Master of Science in Chemistry during the year 2019-20.

Place: Mysuru

Date: 11-9-2020

Principal PRINCIPAL

JSS College of Arts Commerce & Science

(Autonomous) Ooty Road Mysuru-25



JSS COLLEGE OF ARTS, COMMERCE & SCIENCE

(An Autonomous College of University of Mysore) Re-accredited by NAAC with 'A' grade Recognised by UGC as "College with Potential for Excellence"

OOTY ROAD, MYSURU-570 025, KARNATAKA

☎: 0821-2548236 & 2548380 Fax: 0821-2548238 E-mail: jssautonomous@gmail.com www. jsscacs.edu.in

CERTIFICATE

This is to certify that the project work entitled "QUINAZOLINONES WITH DIVERSE BIOLOGICAL APPLICATIONS - A QUICK REVIEW" submitted by Dileep D. N. is based on the investigations carried out by him under the guidance of Dr R. Suhas, Postgraduate Department of Chemistry of this college.

f. H. C. Honnappa)

PrincipaRINCIPAL

JSS College of Arts, Contimerce & Science
Ooty Road MYSURII-25



JSS COLLEGE OF ARTS, COMMERCE & SCIENCE

(An Autonomous College of University of Mysore)
B.N. ROAD, MYSURU-570 025 KARNATAKA

Re-accredited by NAAC with 'A' grade Recognised by UGC as "College with Potential for Excellence"

Ph: 0821-2548236 & 2548380. FAX: 0821-2548238 E-mail: jssuutonomous@gmail.com Website: JSSCACS.edu.in

CERTIFICATE

This is to certify that the dissertation entitled "REVIEW OF LITERATURE DERIVATIVES ON 4-AMINO-4H-1,2,4-TRIAZOLE SOLVENT FREE METHOD", submitted to the JSS College of Arts, Commerce and Science by DIVYA. N under the guidance of Dr. L. MALLESHA, for the partial fulfillment of the requirement of the award of the degree of Master of Science in Chemistry during the year 2019-20.

Place: Mysuru

Date: 14/09/20

Principal PRINCIPAL

JSS College of Arts Commerce & Science

(Autonomous)

Ooty Road Mysuru-25



JSS COLLEGE OF ARTS, COMMERCE & SCIENCE

(An Autonomous College of University of Mysore)
Re-accredited by NAAC with 'A' grade
Recognised by UGC as "College with Potential for Excellence"

B N ROAD, MYSURU-570 025, KARNATAKA

0821-2548236 &2548380 Fax: 0821-2548238 E-mail: jssautonomous@gmail.com www. jsscacs.edu.in

CERTIFICATE

This is to certify that the dissertation entitled "DETERMINATION OF PROMETHAZINE HYDROCHLORIDE IN PHARMACEUTICALS AND IN BIOLOGICAL MATERIALS: A REVIEW" submitted to the JSS College of Arts, Commerce and Science, Ooty Road, Mysore, by Miss. DIVYASHREE.C.M under the guidance of Dr. N. RAJENDRAPRASAD, for the partial fulfillment of the requirement of the award of degree 'Master of Science in Chemistry' during the year 2019-20.

Place: Mysore

Date: 14-09-2020

uss College of Arts, Commerce & Science

(Autonomous)

Ooty Road, MYSURU-25

iv



JSS COLLEGE OF ARTS, COMMERCE & SCIENCE

(An Autonomous Coffege of University of Mysore)
Re-accredited by NAAC with 'A' grade
Recognized by UGC as "College with Potential for Excellence"
B N ROAD, MYSURU-570 025, KARNATAKA

0821-2548236 &2548380 Fax: 0821-2548238 E-mail: jssautonomous@gmail.comwww. jsscacs.edu.in

CERTIFICATE

This is to certify that the dissertation entitled "A REVIEW APPROACH ON ANALYTICAL METHODS FOR DETERMINATION OF FEXOFENADINE HYDROCHLORIDE" submitted to the JSS College of Arts, Commerce and Science, Ooty Road, Mysore, by Miss. DIVYATHA L under the guidance of Dr. N. RAJENDRAPRASAD, for the partial fulfillment of the requirement of the award of degree 'Master of Science in Chemistry' during the year2019-20.

Place: Mysore

Date: 07-09-2020

A Milicipal

JSS College of Arts, Commerce & Science Ooty Road MYSURU-25



JSS COLLEGE OF ARTS, COMMERCE & SCIENCE

(An Autonomous College of University of Mysore) B.N. ROAD, MYSURU-570 025 KARNATAKA

Re-accredited by NAAC with 'A' grade Recognised by UGC as "College with Potential for Excellence"

Ph: 0821-2548236 & 2548380. FAX: 0821-2548238 E-mail: jssautonomous@gmail.com Website: JSSCACS.edu.in

CERTIFICATE

This is to certify that the dissertation entitled "REVIEW OF LITERATURE ON 2-AMINO-4-CHLORO-6-METHYL PYRIMIDINE DERIVATIVES" submitted to the JSS College of Arts, Commerce and Science by Mr. GURUPRASAD S under the guidance of Dr. L. MALLESHA, for the partial fulfillment of the requirement of the award of the degree of Master of Science in Chemistry during the year 2019-20.

Place: Mysuru

Date: 19 9 20



ISS COLLEGE OF ARTS, COMMERCE & SCIENCE

(An Autonomous College of University of Mysore)
B.N. ROAD, MYSURU-570 025 KARNATAKA

Re-accredited by NAAC with 'A' grade Recognised by UGC as "College with Potential for Excellence"

Ph: 0821-2548236 & 2548380. FAX: 0821-2548238 E-mail: jssautonomous@gmail.com Website: JSSCACS.edu.in

CERTIFICATE

This is to certify that the dissertation entitled "REVIEW OF LITERATURE ON 2-AMINO-5-BROMO-6-METHYL-4-PYRIMIDINOLDERIVATIVES" submitted to the JSS College of Arts, Commerce and Science by Ms. HARSHITHASHREE A S under the guidance of Dr. L. MALLESHA, for the partial fulfillment of the requirement of the award of the degree of Master of Science in Chemistry during the year 2019-20.

Place: Mysuru

Date:

Principal



JSS COLLEGE OF ARTS, COMMERCE & SCIENCE

(An Autonomous College of University of Mysore)
Re-accredited by NAAC with 'A' grade
Recognised by UGC as "College with Potential for Excellence"

OOTY ROAD, MYSURU-570 025, KARNATAKA

😭: 0821-2548236 & 2548380 Fax: 0821-2548238 E-mail: jssautonomous@gmail.com www.jsscacs.edu.in

CERTIFICATE

This is to certify that the project work entitled "A REVIEW ON BIOLOGICAL IMPORTANCE OF SUBSTITUTED IMIDAZOLES" submitted by Harshitha J. R. is based on the investigations carried out by her under the guidance of Dr R. Suhas, Postgraduate Department of Chemistry of this college.

JSS College of Arts. Confinence & Science
Ooty Road MYSURU-25

(Prof. H. C. Honnappa) Principal



JSS COLLEGE OF ARTS, COMMERCE & SCIENCE

(An Autonomous College of University of Mysore) Re-accredited by NAAC with 'A' grade

Recognised by UGC as "College with Potential for Excellence"

B N ROAD, MYSURU-570 025, KARNATAKA

0821-2548236 &2548380 Fax: 0821-2548238 E-mail: jssautonomous@gmail.com www. jsscacs.edu.in

CERTIFICATE

This is to certify that the dissertation entitled "A REVIEW OF ANALYTICAL METHODS FOR DETERMINATION OF OXFENDAZOLE" submitted to the JSS College of Arts, Commerce and Science, Ooty Road, Mysore, by Miss. HARSHITHA. N under the guidance of Dr. N. RAJENDRAPRASAD, for the partial fulfillment of the requirement of the award of degree 'Master of Science in Chemistry' during the year 2019-20.

Place: Mysore

Date: 09/09/2020

Principal PRINCIPAL

JSS College of Arts Commerce & Science

(Autonomous)
Ooty Road Mysuru-25



ISS MAHAVIDYAPEETHA JSS COLLEGE OF ARTS, COMMERCE & SCIENCE

(An Autonomous College of University of Mysore) Re-accredited by NAAC with 'A' grade Recognised by UGC as "College with Potential for Excellence" OOTY ROAD, MYSORE - 570 025, KARNATAKA

■ 0821-2548236 & 2548380 Fax: 0821-2548238 E-mail: jssautonomous@gmail.com

CERTIFICATE

This is to certify that the dissertation entitled 'A review on importance, synthesis and applications of Nanomaterials' submitted to the JSS College of Arts, Commerce and Science by Mr. JAGADISH P under the guidance of Dr. Mallikarjunaswamy C, for the partial fulfilment of the requirement of the award of the degree of Master of Science in Chemistry during the year 2019-20.

Place: Mysuru

Date: 15 9 12020

incipal

PRINCIPAL
JSS College of Arts, Contimerce & Science
Ooty Road, MYSURU-25



JSS COLLEGE OF ARTS, COMMERCE & SCIENCE

(An Autonomous College of University of Mysore)
B.N. ROAD, MYSURU-570 025 KARNATAKA

Re-accredited by NAAC with 'A' grade Recognised by UGC as "College with Potential for Excellence"

Ph: 0821-2548236 & 2548380. FAX: 0821-2548238 E-mail: <u>jssautonomous@gmail.com</u> Website: JSSCACS.edu.in

CERTIFICATE

This is to certify that the dissertation entitled "REVIEW OF LITERATURE ON 4-AMINO-4H-1,2,4-TRIAZOLE DERIVATIVES" submitted to the JSS College of Arts, Commerce and Science by Ms. JAHNAVI S.N under the guidance of Dr. L. MALLESHA, for the partial fulfillment of the requirement of the award of the degree of Master of Science in Chemistry during the year 2019-20.

Place: Mysuru

Date: 16/09/2020

ISS Cones Brincipale & Science

Onty Road MYSURU-25



JSS COLLEGE OF ARTS, COMMERCE & SCIENCE

(An Autonomous College of University of Mysore)
B.N. ROAD, MYSURU-570 025 KARNATAKA

Re-accredited by NAAC with 'A' grade Recognised by UGC as "College with Potential for Excellence"

Ph: 0821-2548236 & 2548380. FAX: 0821-2548238 E-mail: <u>jssautonomous@gmail.com</u> Website: JSSCACS.edu.in

CERTIFICATE

This is to certify that the dissertation entitled "REVIEW OF LITERATURE ON 4-AMINO-4H-1,2,4-TRIAZOLE DERIVATIVES BY SOLVENT FREE METHOD", submitted to the JSS College of Arts, Commerce and Science by JARUSHA.W under the guidance of Dr. L. MALLESHA, for the partial fulfillment of the requirement of the award of the degree of Master of Science in Chemistry during the year 2019-20.

Place: Mysuru

Date: 14/09/20

JSS College of Arts, Commerce & Science Ooty Roard, MYSURU-25

incipal

JSS COLLEGE OF ARTS, COMMERCE & SCIENCE

(An Autonomous College of University of Mysore) Re-accredited by NAAC with 'A' grade

Recognised by UGC as "College with Potential for Excellence" B N ROAD, MYSURU-570 025, KARNATAKA

0821-2548236 &2548380; Fax: 0821-2548238; E-mail: jssautonomous@gmail.com www. jsscacs.edu.in

CERTIFICATE

This is to certify that the dissertation entitled "QUANTITATIVE METHODS FOR SIMVASTATIN: A CRITICAL REVIEW" submitted to the JSS College of Arts, Commerce and Science, Ooty Road, Mysore, by Miss. JYOTHI GR under the guidance of Dr. N. RAJENDRAPRASAD, for the partial fulfilment of the requirement of the award of degree 'Master of Science in Chemistry' during the year 2019-20.

Place: Mysore

Date: 08/09/2020

Principal. JSS College of Arts, Commerce & Science Octy Road MYSURU-25



JSS COLLEGE OF ARTS, COMMERCE & SCIENCE

(An Autonomous College of University of Mysore)
Re-accredited by NAAC with 'A' grade
Recognised by UGC as "College with Potential for Excellence"

OOTY ROAD, MYSURU-570 025, KARNATAKA

★: 0821-2548236 & 2548380 Fax: 0821-2548238 E-mail.jssautonomous@gmail.com www.jsscacs.edu.in

CERTIFICATE

This is to certify that the project work entitled "A MINI REVIEW ON BIOLOGICALLY IMPORTANT SUBSTITUTED THIAZOLES" submitted by Kaveramma M. A. is based on the investigations carried out by her under the guidance of Dr R. Suhas, Postgraduate Department of Chemistry of this college.

rof. H. C. Honnappa)

PRIROTEIPAL
JSS College of Arts, Commerce & Science
Ooty Road, MYSURU-25



JSS COLLEGE OF ARTS, COMMERCE & SCIENCE

(An Autonomous College of University of Mysore)
B.N. ROAD, MYSURU-570 025 KARNATAKA

Re-accredited by NAAC with 'A' grade

Recognised by UGC as "College with Potential for Excellence"

Ph: 0821-2548236 & 2548380. FAX: 0821-2548238 E-mail: jssautonomous@gmail.com Website: JSSCACS.edu in

CERTIFICATE

This is to certify that the dissertation entitled "Literature survey on Adsorption of dyes using low cost activated carbon/biomass" submitted to the JSS College of Arts, Commerce and Science by Kavya N H under the guidance of Dr. Mahadeva swamy.M, for the partial fulfillment of the requirement of the award of the degree of Master of Science in Chemistry during the year 2019-20.

Place: Mysuru

Date: 15/9/20

JSS Coffege of Arts, Cuttmerce & Science
Ooly Road MYSURU-25

Principal



JSS COLLEGE OF ARTS, COMMERCE & SCIENCE

(An Autonomous College of University of Mysore) Re-accredited by NAAC with 'A' grade

Recognised by UGC as "College with Potential for Excellence"
OOTY ROAD, MYSORE - 570 025, KARNATAKA

25 0821-2548236 & 2548380 Fax. 0821-2548238 E-mail: jssautonomous@gmail.com



CERTIFICATE

This is to certify that the dissertation entitled "REVIEW OF LITERATURE ON 1,2,4-TRIAZOLE ANALOGOUS" submitted to the JSS College of Arts, Commerce and Science by Ms. Kirthana. K under the guidance of Dr. L. MALLESHA, for the partial fulfillment of the requirement of the award of the degree of Master of Science in Chemistry during the year 2019-20.

Place: Mysuru Date: 15/9/2020

USS Coffeye of Arts, Commerce & Science Octy Road, MYSURU-25