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

### 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



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OOTY ROAD, MYSORE - 570 025, KARNATAKA

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### 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

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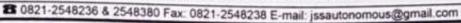


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Place: Mysuru

Date: 23/5/19

PRINCIPAL

J.S.S. College



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★: 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

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# **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

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#### 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

of the department

**Examiners:** 

Janya. H.V

J.S.S. Coli

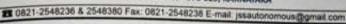
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OOTY ROAD, MYSORE - 570 025, KARNATAKA



#### 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

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#### 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. Outy Read, Mysore-570 u



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### 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

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

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Ph: 0821-2548236 & 2546380. FAX: 0821-2548238 E-mail: issuittetomooseemmil r

#### 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: 23/1/19

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(Autonomous)

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(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

Head of the department

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#### 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



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### 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

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#### 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)

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# 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

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#### 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

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### 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.

Place: Mysore

Date: 24/5/2019

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



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### 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. Manadevappa)

J.S.S. College



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### CERTIFICATE

This is to certify that the project work entitled "CONJUGATION OF BOC-AMINO ACIDS WITH AMINO TRIAZOLE HAVING 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.

Principal PRINCIPAL

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



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### CERTIFICATE

This is to certify that the project work entitled "SYNTHESIS OF IMINES CONTAINING PYRIMIDINE NUCLEUS OF PHARMACEUTICAL 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



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### 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



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#### 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

30.2.3. College

## JSS COLLEGE OF ARTS, COMMERCE & SCIENCE

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### 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



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★ 0821-2548238 E-mail: issautonomous@gmail: issautono

#### 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



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□: 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. 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, Mysore-570 625



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25 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

J.3.3. College



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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
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### 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

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J.S.S. College



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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 J.S.S. College

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Date: 24-05-2019

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CE C

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Place: Mysuru

Date: 24 5 19

Principal

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#### CERTIFICATE

This is to certify that the dissertation entitled "SYNTHESIS AND ANTIBACTERIAL 2-AMINO-4-CHLORO-6-METHYL ACTIVITY OF 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

43.8.S. College ty Road, Mysore-570 025



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Ph. 0821-2548236 & 2548380, FAX: 0821-2548238 E-mail: 13501

#### CERTIFICATE

This is to certify that the dissertation entitled "SYNTHESIS ANTIBACTERIAL ACTIVITY OF 2-AMINO-4-CHLORO-6-AND 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

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



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

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## **CERTIFICATE**

This is to certify that the dissertation entitled "DIRECT STABILITY INDICATING UV 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

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# 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

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### **CERTIFICATE**

This is to certify that the dissertation entitled "ACID-BASE TITRIMETRIC ASSAY OF FEXOFENADINE HYDROCHLORIDE IN PHARMACEUTICALS IN HYDRO-ALCOHOLIC MEDIUM" submitted to the JSS College of Arts, Commerce and Science, Ooty Road, Mysore, by Miss. POORNIMA B 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

J.S.S. College

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#### CERTIFICATE

This is to certify that Prajwal Reddy (Reg No: JCH17041) has successfully completed the project work entitled" Synthesis and Characterization of PC\ Conanocomposite 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:** 

Swya. H.V.

HEAD OF THE DEPARTMEN

Postgraduate Department of Chemistry

JSS College of Arts, Commerce & Science
(Autonomous)

Head of the department

Principal PRINCIPAL

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JSS MAHAVIOTAPEETHA

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19: 0821-2548236 A 2548380. FAX: 0821-2548238 E-mail (1500)

### 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

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#### 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. 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 Soty Road, Mysore-\$70 828



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### 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 V PRINCIPAL

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





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#### CERTIFICATE

This is to certify that the project work entitled "SYNTHESIS OF SUBSTITUTED 2-NITRO PHENYL IMINES FOR MEDICAL APPLICATIONS" 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

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### CERTIFICATE

This is to certify that the dissertation entitled "SYNTHESIS AND ACTIVITY BIOLOGICAL 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:

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#### 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\ CaZrO<sub>3</sub> 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 Postgraduat Cepa gment of Chemistry JSS Head of the department

Ooty Road, Mesore

Examiners:

Lange H.V

PRINCIPAL J.S.S. College



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#### CERTIFICATE

This is to certify that the dissertation entitled "DIRECT STABILITY INDICATING UV AND INDIRECT OXIDATION BASED VISIBLE SPECTROPHOTOMETRIC ASSAY OF ENROFLOXACIN 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

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#### 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

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#### 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

HEAD OF THE DEPARTMENT
Postgraduate Department of Chemistry
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JSS Coll Head of the department

Opty Road, Mysoge - 25

Principal

Coby Road, Mysore-570 025

Examiners:

Kanyo H.V



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■ 0821-2548236 & 2548380 Fax: 0821-2548238 E-mail: ssautonomous@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: 84/05/2019



#### 155 MAHAVIDYAPEETHA

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Place: Mysuru

Date: 24-05-2019

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Place: Mysore

Date: 24 /5/19

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Ph: 0821-2548236 & 2548380; FAX: 0821-2548238 E-mail: issaulton:

#### CERTIFICATE

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Place: Mysuru

Date: 241518019

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### 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

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### 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 Goty Road, Mysore-570 025

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

#J.S.S. College



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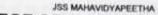
#### CERTIFICATE

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

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#### 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.

(Prof. M. Mahadevappa) Principal

J.S.S. College eaty Read, Mysore-570 625



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#### 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.

Principal PRINCIPAL

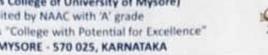
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#### CERTIFICATE

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: 2415 19

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#### **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

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#### 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.

JSS Head of the departmention

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

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#### 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)

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#### 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 Onty Road, Mysore-570 025



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#### 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

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Place: Mysuru

Date: 10[09/2020

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#### 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

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#### 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 PRINCIPAL

Head of the department HEAD OF THE DEPARTMENT

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This is to certify that Arun Kumar S ( Reg No: JCH18005) has successfully completed the project work entitled" partial full full ment entitled" Review on optical properties of polymer nanocomposites carried out in the partial fulfillment for the approach of the second out in the partial fulfillment for the approach of the second out in the partial fulfillment for the approach of the second out in the partial fulfillment for the approach of the second out in the partial fulfillment for the approach of the second out in the partial fulfillment for the approach of the second out in the partial fulfillment for the approach out in the partial fulfillment for the approach of the second out in the partial fulfillment for the approach of the second out in the partial fulfillment for the approach of the second out in the partial fulfillment for the approach of the second out in the partial fulfillment for the approach of the second out in the partial fulfillment for the approach of the second out in the partial fulfillment for the approach of the second out in the partial fulfillment for the approach of the second out in the partial fulfillment fulfillment for the second out in the partial fulfillment fulfillm 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

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#### 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

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### CERTIFICATE

This is to certify that the dissertation entitled "A REVIEW OF DONEPEZIL DETERMINATION OF FOR **METHODS** ANALYTICAL BIOLOGICAL PHARMACEUTICALS AND IN HYDROCHLORIDE IN 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

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Place: Mysuru

Date: 11-9-2020

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### 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)

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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 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

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### 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

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Place: Mysore

Date: 07-09-2020

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#### 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.

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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.

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# 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.

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Place: Mysore

Date: 09/09/2020

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Place: Mysuru

Date: 15 9 2020

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Place: Mysuru

Date: 14/09/20

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#### 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

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## 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.

(Prof. H. C. Honnappa)

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## 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

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# 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

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Place: Mysore Date: 08/09/2020



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Place: Mysuru

Date: 14/09/20

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#### CERTIFICATE

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

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Place: Mysuru

Date: 15-09-90

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(Prof. H. C. Honnappa)

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Place: Mysore Date: 15 | 09 | 20

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Place: Mysuru

Date: 15/9/20

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# 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 Niharika. 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 2019-20.

Place: Mysuru

Date: 15 09 2020

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# 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. NIKHIL A C 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: 15/09/2020

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#### CERTIFICATE

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

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(Prof. H. C. Honnappa) Principal



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### CERTIFICATE

This is to certify that the project work entitled "PIPERAZINES AS A CLASS OF THERAPEUTICALLY ACTIVE SUBSTANCES - A BIRD'S EYE VIEW" submitted by Niveditha 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.

rof. H. C. Honnappa)

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# CERTIFICATE

This is to certify that the project work entitled "QUINAZOLINONES WITH DIVERSE BIOLOGICAL APPLICATIONS - A QUICK REVIEW" submitted by Pavithra 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.

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#### CERTIFICATE

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

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### CERTIFICATE

This is to certify that the dissertation entitled "DETERMINATION OF LANSOPRAZOLE IN PHARMACEUTICALS AND IN BIOLOGICAL MATERIALS: A REVIEW" submitted to the JSS College of Arts, Commerce and Science, Ooty Road, Mysore, by Miss. POOJA K 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.

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Place: Mysore Date: 08/09/2020



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#### CERTIFICATE

This is to certify that the project work entitled "A MINI REVIEW ON BIOLOGICALLY IMPORTANT SUBSTITUTED THIAZOLES" submitted by Pooja K. G. 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)

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## CERTIFICATE

This is to certify that the dissertation entitled "A REVIEW ON ANALYTICAL METHODS DEVELOPED FOR PYRANTEL PAMOATE QUANTIFICATION" submitted to the JSS College of Arts, Commerce and Science, Ooty Road, Mysore, by Mr. PRADEEP.B 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: Mysuru

Date: |6|09|2020

Principal

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#### CERTIFICATE

This is to certify that Prakruthi M ( Reg No: JCH18040) has successfully completed the project work entitled" Review on optical properties of polymer nanocomposites carried out in the partial fulfillment 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.

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Examiners:

Head of the department

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#### CERTIFICATE

This is to certify that Pramod Shiralkar ( Reg No: JCH18041) 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:** 

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Post patients Department of Chemistry
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# 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.PRASANTH HALVI 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: 19 09 2020

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# CERTIFICATE

This is to certify that the project work entitled "QUINAZOLINONES WITH DIVERSE BIOLOGICAL APPLICATIONS - A QUICK REVIEW" submitted by Rakshitha K 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

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## CERTIFICATE

This is to certify that the dissertation entitled "REVIEW OF LITERATURE ON COLORIMETRIC DETECTION PROBE FOR COPPER(II) IONS BASED ON PIPERAZINE DERIVATIVES" submitted to the JSS College of Arts, Commerce and Science by RASHMI B 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: 19-09-9090

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#### CERTIFICATE

This is to certify that the dissertation entitled "A NOVEL COLORIMETRIC DETECTION PROBE FOR CHROMIUM(II) IONS BASED ON PIPERAZINE DERIVATIVES" submitted to the JSS College of Arts, Commerce and Science by ROSHAN KUMAR P 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 2019-20.

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# CERTIFICATE

This is to certify that the project work entitled "PIPERAZINES AS A CLASS OF THERAPEUTICALLY ACTIVE SUBSTANCES - A BIRD'S EYE VIEW" submitted by Sahana H. B. is based on the investigations carried out by her under the guidance of Dr R. Suhas, Postgraduate Department of Chemistry of this college.

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#### 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 Miss. Sahana Y 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 2019-20.

Place: Mysuru

Date: 15/9/2020

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## 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. SANJU. N. 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 2019-20.

Place: Mysuru

Date: 19/0 4/2020

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## **CERTIFICATE**

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

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#### CERTIFICATE

This is to certify that Shashidhar Naidu. J ( Reg No: JCH18051) 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.

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Head of the department

HEAD OF THE DEPARTMENT Postgraduate Department of Chemistry JSS College of Arts, Commerce & Science

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## CERTIFICATE

This is to certify that the dissertation entitled "DETERMINATION OF PROMETHAZINE HYDROCHLORIDE PHARMACEUTICALS IN BIOLOGICAL MATERIALS: A REVIEW" submitted to the JSS College of Arts, Commerce and Science, Ooty Road, Mysore, by Miss. SHILPA. B. 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: 07-09-2020

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#### 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. Siddesh 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 2019-20.

Place: Mysuru

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## CERTIFICATE

This is to certify that the project work entitled "PIPERAZINES AS A CLASS OF THERAPEUTICALLY ACTIVE SUBSTANCES - A BIRD'S EYE VIEW" submitted by Sowmyashree 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)

Principal

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## **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. SPANDANA KULKARNI 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

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## CERTIFICATE

This is to certify that Sumanth D C ( Reg No: JCH18056) has successfully completed the project work entitled" Review on optical properties of polymer nanocomposites carried out in the partial fulfillment 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

Signature of guide

Head of the department

HEAD OF THE DEPARTMENT

bepartment of Chi 155 Competitions, Commerce and

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Examiners:



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## 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. SUPRIYA S J 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 2019-20.

Place: Mysuru

Date: 16/09/2020

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## 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 Swathi A E 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: 19/9/2020

rincipal PRINCIPAL. JSS Coffe, e of Arts, Commerce & Science



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## CERTIFICATE

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H. C. Honnappa)



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Place: Mysuru

Date: 16/09/2020

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Place: Mysuru

Date: 15/09/2020

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## CERTIFICATE

This is to certify that the dissertation entitled "REVIEW OF LITERATURE ON SILVER NANOPARTICLES USING HELICONIA ROSTRATA" submitted to the JSS College of Arts, Commerce and Science by VEENA RAMESHA HEGDE 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

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## CERTIFICATE

This is to certify that the dissertation entitled REVIEW OF LITERATURE ON ZINC NANOPARTICLES USING HELICONIA ROSTRATA submitted to the JSS College of Arts, Commerce and Science by VIDYASHREE B 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)୭ ଏ ବିରଥିତ

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## 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 Ms. YASHASWINI H C 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: 19/9/2020

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## 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)

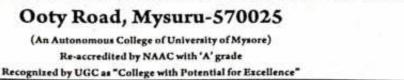
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This is to certify that the dissertation entitled 'A review on synthesis and biomedical application of Fe based Nanomaterials' submitted to the JSS College of Arts, Commerce and Science by Mr Amruth H D Gowda under the guidance of Dr. Mallikarjunaswamy 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

(Dr. H C Honnappa)

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Place: Mysuru

Date: 2 9 2021

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## **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** 

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## 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

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## 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

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## 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

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## 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.

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## **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

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## 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.

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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.

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#### 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

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## CERTIFICATE

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Place: Mysuru Date: 25/8/21

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## 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

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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.

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Date: 02/09/2021

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## **CERTIFICATE**

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Date: 30 8 2021

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Place: Mysuru

Date: 2/9/21.

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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

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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

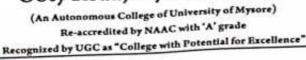
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This is to certify that the dissertation entitled 'Synthesis and applications of nanoparticles - a review' submitted to the JSS College of Arts, Commerce and Science by Miss. Kokila G N under the guidance of Dr. Mallikarjunaswamy C, for the partial 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

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Place: Mysuru Date: 27/8/21

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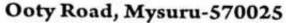
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Place: Mysuru

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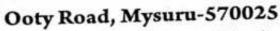
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Place: Mysuru

Date: 30/08/21

Principal

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Place: Mysuru

Date: 27/8/21

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## **CERTIFICATE**

This is to certify that the dissertation entitled "REVIEW OF DERIVATIVES" LITERATURE ON 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

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#### CERTIFICATE

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Place: Mysuru

Date:

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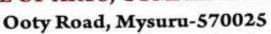
This is to certify that the dissertation entitled "QUANTITATIVE ASSAY OF DOSULEPIN HYDROCHLORIDE: REVIEW APPROACH" submitted to the JSS College of Arts, Commerce and Science, Ooty Road, Mysuru, by Mr. MANOJKUMAR S K under the guidance of Dr. N. RAJENDRAPRASAD, for the partial fulfilment of the requirement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

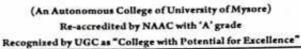
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Place: Mysuru

Date: 30/08/81

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## **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

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Place: Mysuru

Date: 25/8/2021

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#### 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.

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Place: Mysuru

Date: 26/08/2021

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## 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

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Place: Mysuru

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Date: 30/08/2021

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(Dr. H C Honnappa)

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## 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

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## 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

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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

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## CERTIFICATE

"REVIEW OF to certify that the dissertation entitled METHODS FOR DETERMINATION OF TIZANIDINE QUANTIFICATION 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

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Place: Mysuru Date: 92/8/21

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## 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 Principal Science Science Ooty Road MYSURU-25



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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.

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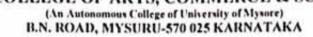
This is to certify that the dissertation entitled "ANALYTICAL PROCEDURES FOR ASSAY OF PROMETHAZINE HYDROCHLORIDE: A REVIEW" submitted to the JSS College of Arts, Commerce and Science, Ooty Road, Mysuru, by Miss. RAMYASHREE under the guidance of Dr. N. RAJENDRAPRASAD, for the partial fulfillment of the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

Place: Mysuru

Date: 27/8/2021

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### 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: &19181

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Place: Mysuru

Date: 26 9 2021

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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/

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## 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

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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.

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Date: 30-08-2021

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## CERTIFICATE

This is to certify that the project work entitled "Recent Advances in the Synthesis of 5-Substituted 1H-Tetrazoles" submitted by Sagar Neeli 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

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## 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.

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#### 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.

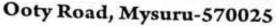
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Place: Mysuru

Date: 25/08/2021

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Place: Mysuru

Date: 26 8 2021



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## CERTIFICATE

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(Prof. H. C. Honnappa)
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#### 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 Mr. SIDDARM NADIGAR M S under the guidance of Dr. N. VLJENDRA 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:

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Place: Mysuru

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Date: 30/8/2021

Principal

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C. Honnappa)

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#### 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 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 year 2020-21.

Place Mysim Dane 27/01/21

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# 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)

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# **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

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### 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)

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# 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. Harnappa) Science

JSS College Rozin

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### **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.

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Place: Mysuru

Date: 27/8/21



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#### CERTIFICATE

This is to certify that the dissertation entitled "SYNTHESIS ANTIBACTERIAL ACTIVITY OF 1.4-BENZODIOXANE-2-CARBOXYLIC ACID DERIVATIVES" submitted to the JSS College of Arts, Commerce and Science by Anupama S P 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 2021-22.

Place: Mysuru

Date:

1.S.S. College of Arts, Commerce & Science Nanjangud-Ooty Boad, MYSORE 4



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Place: Mysuru

Date: 2 8 2022

Principal .

4.6.6. College of Arts, Commerce & Science Manlangud-Ooty Road, MYSOKE-4





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#### CERTIFICATE

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Place: Mysuru Date: 1 8 2022

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#### CERTIFICATE

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Place: Mysuru

Date:

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# CERTIFICATE

This is to certify that the dissertation entitled "SYNTHESIS AND CHARACTERIZATION OF PVA/Na-ZrO NANOCOMPOSITES FOR OPTICAL AND BIOLOGICAL STUDY" submitted to the JSS College of Arts, Commerce and Science by Mrs. ANVITHA DEVANOOR under the guidance of Mrs. 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 2021-22.

Place: Mysuru

Date: 03/08/2022

1.8 5 College of Arts, Commerce & Sei



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Place: Mysuru

Date:

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4.5.8 College of Arts, Commerce & Scient



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### CERTIFICATE

This is to certify that the dissertation entitled Facile green synthesis of NiO nanoparticles and evolution of their photocatalytic and antimicrobial activity submitted to the JSS College of Arts, Commerce and Science by BHAVANA K V 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 2021-22.

Place: Mysuru

Date: 01-08-22

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4.5.5. College of Arts, Commerce & Seren-Manjangud-Octy Boad, MYSOBE-4



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# CERTIFICATE

This is to certify that the project work entitled "Synthesis of Pyrazoline Bridged Arginine Derivatives" submitted by Bhavani H.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. M. P. Vijayendra Kumar

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### CERTIFICATE

This is to certify that the dissertation entitled "Facile green synthesis of BiVO<sub>4</sub> nanoparticles and evaluation of their photocatalytic activity" submitted to the JSS College of Arts, Commerce and Science by Mr. Bheemaraju. H under the guidance of Mrs. Pramila S for the partial fulfilment of the requirement of the award of the degree of Master of Science in Chemistry during the year 2021-22.

Place: Mysuru

Date:2/8/2022

(Prof. M.P.Vijayendra Kumar)

JSS College of Arts, Commerce & Science Ooty Road, MY9URU-25



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Place: Mysuru

Date:

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### CERTIFICATE

This is to certify that the dissertation entitled 'Spectrophotometric and Ion Exchange Chromatographic Methods for the Removal of Tartrazine from Aqueous Samples' submitted to the JSS College of Arts, Commerce and Science by Ms. BHOOMIKA S KASHYAP under the guidance of Dr. N. RAJENDRAPRASAD, for the partial fulfillment of the requirement of the award of the degree of Master of Science in Chemistry during the year 2021-22.

Place: Mysuru

Date: 02/08/2022

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Place: Mysuru

Date: 03/08/2022

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Place: Mysuru Date: 1/8/22

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Place: Mysuru

Date:03/08/2022

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# CERTIFICATE

This is to certify that the project work entitled "Synthesis of Pyrazolines Containing Dinitro Benzoyl Moiety" submitted by Harshitha T is based on the investigations carried out by her under the guidance of Dr R. Suhas, Postgraduate Department of Chemistry of this college.

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### CERTIFICATE

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Place: Mysuru

Date:

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### CERTIFICATE

This is to certify that the dissertation entitled "SYNTHESIS AND BIOLOGICAL ACTIVITY OF CAPECITABINE METAL COMPLEXES" submitted to the JSS College of Arts, Commerce and Science by Ms. KARISHMA A. 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 2021-22.

Place: Mysuru

Date: 2/8/2022

Principal

Nanjangud-Ooty Road, MYSORE-4



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# CERTIFICATE

This is to certify that the dissertation entitled 'POTENTIOMETRIC AND CONDUCTOMETRIC METHODS FOR DETERMINATION OF DOSULEPIN HYDROCHLORIDE IN PHARMACEUTICALS' submitted to the JSS College of Arts, Commerce and Science by Ms. KEERTHANA D under the guidance of Dr. N. RAJENDRAPRASAD, for the partial fulfillment of the requirement of the award of the degree of Master of Science in Chemistry during the year 2021-22.

Place: Mysuru Date: 09 08 22

S College of Arts, Commerce & Sc Manjangud-Ooty Boad, MYSORE-



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Place: Mysuru

Date:

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# CERTIFICATE

This is to certify that the project work entitled "Synthesis of Bis-Pyrazolines having Pyridine Pendant" submitted by Mallikarjuna N is based on the investigations carried out by him under the guidance of Dr R. Suhas, Postgraduate Department of Chemistry of this college.

Principal

(Prof. M. P. Vijavendra Kungar) Science

S College of Arts, Commerce & Science

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Place: Mysuru Date: 8/8/82 Nanjangud-Ooty Boad, MYSORE-4

**Principal** 



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Place: Mysuru

Date: 2/8/2022

Principal PRINCIPAL

6.B.S. College of Arts, Commerce & Same

Vantangud Daty Ram.



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This is to certify that the project work entitled "Synthesis of Bis-Pyrazolines having Pyridine Pendant" submitted by Nayana Maheshwari Y. N. 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. P. Vijayendra Kumar)scient Scient (Prof. M. P. Vijayendra Kumar)scient (Pro



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Place: Mysuru

Date: 02-08-2022

Principal

1.5.8 College of Arts, Commerce & Science

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Date:

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(Prof. M. Pervir Entera Kumar)

Sociege direction pommerce & Science

Banjangud-Ooty Boad, MYSORE-4



#### JSS COLLEGE OF ARTS, COMMERCE & SCIENCE

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OOTY ROAD, MYSURU-570 025 KARNATAKA

Ph: 0821-2548236 & 2548380, FAX: 0821-2548238 E-mail: issautonomous@gmnil.com Webnite: JSSCACS.edu.in

### CERTIFICATE

This is to certify that the dissertation entitled "Novel analytical methods for the quantification of flutamide by mobile colorimetry and potentiometric techniques" submitted to the JSS College of Arts, Commerce and Science by Ms. PALLAVI B under the guidance of Dr. N.RAJENDRAPRASAD, for the partial fulfillment of the requirement of the award of the degree of 'Master of Science in Chemistry' during the year 2021-22.

Principal

Place: Mysuru

Date: 02/08/2022

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# CERTIFICATE

This is to certify that the dissertation entitled 'Spectrophotometric and Ion-Exchange Chromatographic Methods for Removal of Crystal Violet from Water Samples' submitted to the JSS College of Arts, Commerce and Science by PALLAVI G under the guidance of Dr. N .RAJENDRAPRASAD for the partial fulfillment of the requirement for the award of the degree of Master of Science in Chemistry during the year 2021-22.

Place: Mysuru

Date: 02/08/22

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CHINCIPAL

Maniangud-Oaty Boad, MYSORE-4

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### CERTIFICATE

This is to certify that the dissertation entitled 'Facile green synthesis of CuO nanoparticles and evolution of their photodegradation of organic dye and antimicrobial studies' submitted to the JSS College of Arts, Commerce and Science by POOJA 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 2021-22.

Place: Mysuru

Date: 01-68-22

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1-S.S College of Arts, Commerce & Serem Wanjangud-Oory Road, MYSORE-

Place: Mysuru

Date: 02/08/2022

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Place: Mysuru

Date:

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### CERTIFICATE

This is to certify that the dissertation entitled "SYNTHESIS AND CHARACTERIZATION OF PVA/Ba-ZnO NANOCOMPOSITES FOR OPTICAL AND BIOLOGICAL STUDY" submitted to the JSS College of Arts, . Commerce and Science by Ms.PRATHEEKSHA.M under the guidance of MRs.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 2021-22.

Place: Mysuru

Date: 03/08/2022

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# CERTIFICATE

This is to certify that the project work entitled "Synthesis of Pyrazolines Containing Dinitro Benzoyl Moiety" submitted by Pushpalatha P is based on the investigations carried out by her under the guidance of Dr R. Suhas, Postgraduate Department of Chemistry of this college.



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# CERTIFICATE

This is to certify that the dissertation entitled "SYNTHESIS, CHARECTERIZATION AND MOLECULAR DOCKING STUDIES OF SCHIFF BASE METAL COMPLEXES" submitted to the JSS College of Arts, Commerce and Science by RAKSHITHA M. 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 2021-22.

Place: Mysuru

Date: 02/08/2022

5 5 College of Arts, Commerce & Science Mantanguri-Ooty Road, MYSORE-4



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# CERTIFICATE

This is to certify that the project work entitled "Synthesis of Bis-Pyrazolines having Pyridine Pendant" submitted by Rohini 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. P. Vijayendra Kumar) Principalinas

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# CERTIFICATE

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Place: Mysuru

Date: 02/08/2022

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# CERTIFICATE

This is to certify that the dissertation entitled "SYNTHESIS 1.4-BENZODIOXANE-2-AND ANTIBACTERIAL ACTIVITY OF CARBOXYLIC ACID DERIVATIVES" submitted to the JSS College of Arts, Commerce and Science by Roopashree. P 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 2021-22.

Place: Mysuru

Date: 2/8/2022

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# CERTIFICATE

This is to certify that the dissertation entitled "SYNTHESIS AND ANTIBACTERIAL ACTIVITY OF 1,4-BENZODIOXANE-2-CARBOXYLIC ACID DERIVATIVES" submitted to the JSS College of Arts, Commerce and Science by SACHIN.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 2021-22.

Place: Mysuru

Date:

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# CERTIFICATE

This is to certify that the dissertation entitled 'Direct potentiometric methods for determination of Rupatidine fumarate in pharmaceuticals' submitted to the JSS College of Arts, Commerce and Science by SAHANA DR under the guidance of Dr. N. RAJENDRAPRASAD, for the partial fulfillment of the requirement of the award of the degree of Master of Science in Chemistry during the year 2021-22.

Place: Mysuru

Date: 02 08 22

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Place: Mysuru

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# CERTIFICATE

This is to certify that the project work entitled "Synthesis of Pyrazoline Bridged Arginine Derivatives" submitted by Sanjay S. R. 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. P. Vijayendra Kumar)
Principal

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### CERTIFICATE

This is to certify that the dissertation entitled "Facile green synthesis of BiVO4 nanoparticles and evaluation of their photocatalytic activity" submitted to the JSS College of Arts, Commerce and Science by SHANTHALA A P under the guidance of Mrs. Pramila S for the partial fulfilment of the requirement of the award of the degree of Master of Science in Chemistry during the year 2021-22.

Place: Mysuru

Date:2/8/2022

Principal

(Prof. M.P.Vijayendra Kumar)

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### CERTIFICATE

This is to certify that the dissertation entitled "Green synthesis of molybdenum oxide nano particles characterisation and its application" submitted to the JSS College of Arts, Commerce and Science by Sharath.J.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 2021-22.

Place: Mysuru

Date: 2-8-22

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Place: Mysuru

Date:

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# CERTIFICATE

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Place: Mysuru

Date: 2/8/02

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# CERTIFICATE

This is to certify that the dissertation entitled "SYNTHESIS AND BIOLOGICAL ACTIVITY LANSOPRAZOLE OF METAL COMPLEXES" submitted to the JSS College of Arts, Commerce and Science by Ms. SHWETHA K.V. 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 2021-22.

Place: Mysuru

Date: 2 8 2022

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Place: Mysuru

Date:

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Place: Mysuru

Date: 03/08/2022

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Place: Mysuru

Date: 02/08/2002

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# CERTIFICATE

This is to certify that the project work entitled "Synthesis of Pyrazoline Bridged Arginine Derivatives" submitted by Soundarya H.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. M. P. Vijayendra Kumar) Principal

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Place: Mysuru

Date:

Principal

PHINCIPAL

■ S College of Arts, Commerce & Science Manjangud-Ooty Boad, MYSORE-4

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This is to certify that the dissertation entitled 'Spectrophotometric and Ion-Exchange Chromatographic Methods for Removal of Crystal Violet from Water Samples' submitted to the JSS College of Arts, Commerce and Science by SUNITHA S.S under the guidance of Dr. N .RAJENDRAPRASAD for the partial fulfilment of the requirement for the award of the degree of Master of Science in Chemistry during the year 2021-22.

Place: Mysuru

Date: 02-08-2022

S College of Arts, Commerce & Scient

Principal



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Place: Mysuru

Date: 03/08/2022

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Vallege of Arts, Commerce B

V.S. College of Arts, Commerce & Science Maniangue-Ooty Road, MYSORF.



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Place: Mysuru Date: 2/8/2022

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4.5.5. College of Arts, Commerce & Scien Manlanguri-Onty Road, MYSORE -



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# CERTIFICATE

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Boolsno Principal



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Date: 02/08/2022

1.5.5 College of Arts, Commerce & Scien Manjangud-Ooty Boad, MYSORE 4



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# CERTIFICATE

This is to certify that the dissertation entitled "SYNTHESIS AND ANTIBACTERIAL ACTIVITY OF 1,4-BENZODIOXANE-2-CARBOXYLIC ACID DERIVATIVES" submitted to the JSS College of Arts, Commerce and Science by TEJAS GOWDA 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 2021-22.

Place: Mysuru

Date: 2/8/2022

Principal

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# CERTIFICATE

This is to certify that the dissertation entitled 'Facile Synthesis, Characterization and Applications of MoO<sub>3</sub> Nanoparticles' submitted to the JSS College of Arts, Commerce and Science by TEJASWINI M C 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 2021-22.

Place: Mysuru

Date: 01/08/2022

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# CERTIFICATE

This is to certify that the project work entitled "Synthesis of Pyrazolines Connected to N-Phenyl Anthranilic Acid" submitted by Thyagaraj R. G. 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. P. VPrayendra Klumar)

S.S. Colleger Merphy Commerce & Scine

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# CERTIFICATE

This is to certify that the dissertation entitled "Green synthesis of vanadium pentoxide nano particles characterisation and its application" submitted to the JSS College of Arts,

Commerce and Science by Uday Shankar M U 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 2021-22.

Place: Mysuru

Date: 02 08 22

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# CERTIFICATE

This is to certify that the dissertation entitled "SYNTHESIS AND CHARACTERISATION OF METAL COMPLEXES DERIVED FROM SCHIFF BASE LIGAND" submitted to the JSS College of Arts, Commerce and Science by Ms. UJWALA K O 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 2021-22.

Place: Mysuru

Date: 02/08/22

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This is to certify that the dissertation entitled "SYNTHESIS AND BIOLOGICAL ACTIVITY OF CAPECITABINE METAL COMPLEXES" submitted to the JSS College of Arts, Commerce and Science by Ms. VEEKSHA B. 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 2021-22.

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Place: Mysuru

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