



JSS MAHIVIDYALAYA  
**JSS COLLEGE OF ARTS, COMMERCE & SCIENCE**

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B.N. ROAD, MYSURU-570 025 KARNATAKA

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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. 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

*Mahesh* 23/5/19  
Principal  
J.S.S. College  
Doty Road, Mysore-570 025



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

## CERTIFICATE

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

Place: Mysuru

Date: 23-05-2019

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## CERTIFICATE

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Place: Mysuru

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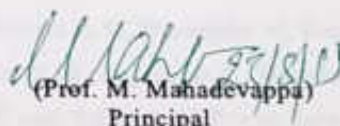
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### CERTIFICATE

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

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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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B.N Road, Mysore – 25



## CERTIFICATE

This is to certify that Arpitha Y S (Reg.No: JCH17006) has successfully completed the project work entitled "Synthesis and Characterization of PVP-PVA/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.

*Kanya H.V.*  
Signature of guide

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

*M. Mahesh*  
**Head of the department**  
B.N. Road, Mysore, K.S.

Examiners:

*Shri M.*

*Kanya H.V.*

*M. Mahesh*  
**Principal**

**J.S.S. Col.**

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## CERTIFICATE

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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: 23/5/19

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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)  
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### CERTIFICATE

This is to certify that the dissertation entitled "SYNTHESIS, CHARACTERIZATION AND ANTIMICROBIAL ACTIVITY OF 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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## 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**.

**HEAD OF THE DEPARTMENT**

Postgraduate Department of Chemistry  
JSS College of Arts, Commerce & Science  
(Autonomous)

*[Signature]*  
Head of the department

*[Signature]*  
Signature of guide

Examiners:

*[Signature]*  
*[Signature]*  
Kavya.H.V

*[Signature]*  
Principal  
J.S.S. College  
City Road, Mysore-570 025



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[www.jsscacs.edu.in](http://www.jsscacs.edu.in)

## CERTIFICATE

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

Place: Mysuru

Date:

  
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## CERTIFICATE

This is to certify that the dissertation entitled 'A Green and cost-effective approach for the synthesis of Zinc Ferrite Nanocomposites using *Aegle Marmelos* juice as a fuel: catalytic and microbial applications' submitted to the JSS College of Arts, Commerce and Science by Miss. Deepa Darshini A under the guidance of Dr. Mallikarjunaswamy C, for the partial fulfilment of the requirement of the award of the degree of Master of Science in Chemistry during the year 2018-19.

Place: Mysuru

Date: 23/5/2019

  
Principal 23/5/19

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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.

*M. Mahadevappa*  
(Prof. M. Mahadevappa)

Principal  
PRINCIPAL

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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

*all Math 23/5/19*  
Principal

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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

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[jsscacs.edu.in](http://jsscacs.edu.in)

### CERTIFICATE

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

Place: Mysore

Date: 24/5/2019

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*[Handwritten Signature]*  
Principal



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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. Mahadevappa)  
Principal  
J.S.S. College  
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*M. Mahadevappa*  
23/5/19

(Prof. M. Mahadevappa)

Principal

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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.

  
(Prof. M. Mahadevappa)  
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This is to certify that the project work entitled "**N-BENZYLIDENES OF 4-NITRO ANILINE: SYNTHESIS OF BIOLOGICALLY ACTIVE COMPOUNDS**" submitted by Hlithashree 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.

  
(Prof. M. Mahadevappa)  
Principal

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### CERTIFICATE

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Place: Mysore

Date: 24/05/19

*Maheshwari*  
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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

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### 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)  
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**CERTIFICATE**

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*Mahesh*  
Principal  
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Ooty Road, Mysore-570 025

Place: Mysore

Date: 24/05/19



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## CERTIFICATE

This is to certify that the dissertation entitled 'A Green and cost-effective 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

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Place: Mysuru

Date:

  
Principal 28/5/19

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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. 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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Place: Mysuru

Date: 23-5-19

  
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Place: Mysuru

Date: 24-05-2019

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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 **Mr. Manoj C N** under the guidance of **Dr. Mallikarjunaswamy C**, for the partial fulfilment of the requirement of the award of the degree of Master of Science in Chemistry during the year 2018-19.

Place: Mysuru

Date: 24/5/19

  
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Place: Mysuru  
Date: 23/05/19

  
**Principal**  
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Place: Mysuru

Date: 23/5/19

  
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Place: Mysuru

Date: 24/05/19



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[jsscacs.edu.in](http://jsscacs.edu.in)

**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.

  
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Place: Mysore

Date: 25/5/19

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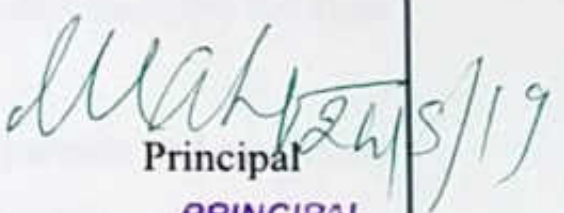
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## CERTIFICATE

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

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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

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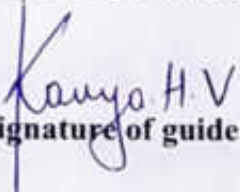
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## CERTIFICATE

This is to certify that **Prajwal Reddy (Reg No: JCH17041)** has successfully completed the project work entitled "Synthesis and Characterization of PC\ 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  
JSS College of Arts, Commerce & Science  
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Ooty Road, Mysore-25  
**Head of the department**

Examiners:

  
Kavya H.V.

  
**Principal**  
**PRINCIPAL**  
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## 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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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

  
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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:

  
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### CERTIFICATE

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

(Prof. M. Mahadevappa)

Principal

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Place: Mysuru

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**Principal**

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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.

*Kanya H.V*  
Signature of guide

**HEAD OF THE DEPARTMENT**  
Postgraduate Department of Chemistry  
JSS College of Arts, Commerce and Science  
*[Signature]*  
**Head of the department**  
Ooty Road, Mysore - 25

Examiners:  
*[Signature]*  
*Kanya H.V*

*[Signature]*  
**Principal**  
PRINCIPAL  
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Place: Mysuru

Date: 24-05-2019

  
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[www.jsscacs.edu.in](http://www.jsscacs.edu.in)

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Place: Mysore

Date:

Principal

PRINCIPAL

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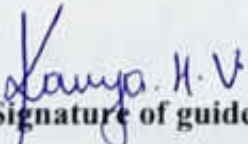
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## CERTIFICATE

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

Examiners:

  
Kavya H.V.

  
HEAD OF THE DEPARTMENT  
Postgraduate Department of Chemistry  
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Place: Mysuru

Date: 24/05/2019

*Mallikarjunaswamy C*  
Principal 24/5/19

Principal  
J.S.S. College  
OOTY ROAD, MYSORE - 570 025





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

Place: Mysuru

Date: 24-05-2019

  
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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 **Mrs. SHWETHA S 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 2018-19.

Place: Mysore

Date: 24/5/19

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## CERTIFICATE

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

Place: Mysuru

Date: 24/5/2019

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jsscacs.edu.in

**CERTIFICATE**

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

Place: Mysore

Date: 24/5/19



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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.

*Mahadevappa*  
(Prof. M. Mahadévappa)  
Principal

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## 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

  
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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: 24/5/19

*Dr. L. Mallesha* 24/5/19  
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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  
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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.

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## CERTIFICATE

This is to certify that the dissertation entitled 'A Green and cost-effective approach for the synthesis of Zinc Ferrite Nanocomposites using *Aegle Marmelos* juice as a fuel: catalytic and microbial applications' submitted to the JSS College of Arts, Commerce and Science by Mr. Umakantha B N under the guidance of Dr. Mallikarjunaswamy C, for the partial fulfilment of the requirement of the award of the degree of Master of Science in Chemistry during the year 2018-19.

Place: Mysuru

Date: 24/5/19

  
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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 PHARMACEUTICALS" 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: 24/5/19

  
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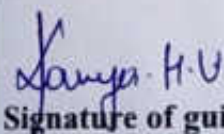
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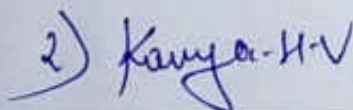
## CERTIFICATE

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.


  
Signature of guide

Examiners:

1) 

2) 

  
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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.

  
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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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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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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:

  
Head of the department  
**HEAD OF THE DEPARTMENT**  
Postgraduate Department of Chemistry  
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Principal

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**CERTIFICATE**

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

  
Head of the department

HEAD OF THE DEPARTMENT  
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Principal

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Examiners:

  
  
H.V



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[www.jsscacs.edu.in](http://www.jsscacs.edu.in)

## CERTIFICATE

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

Place: Mysore  
Date: 14/09/2020

  
Principal  
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### CERTIFICATE

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

(Prof. H. C. Honnappa)

Principal

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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

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Place: Mysore

Date: 14-09-2020

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

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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## CERTIFICATE

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

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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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### CERTIFICATE

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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 BY SOLVENT FREE METHOD", submitted to the JSS College of Arts, Commerce and Science by **JARUSHA.W** under the guidance of **Dr. L. MALLESHA**, for the partial fulfillment of the requirement of the award of the degree of Master of Science in Chemistry during the year 2019-20.

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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.

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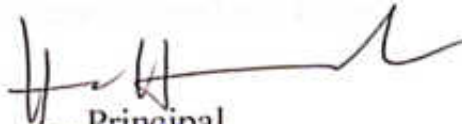
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This is to certify that the project work entitled "A MINI REVIEW ON BIOLOGICALLY IMPORTANT SUBSTITUTED THIAZOLES" submitted by Mahesh H. R. is based on the investigations carried out by him under the guidance of Dr R. Suhas, Postgraduate Department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

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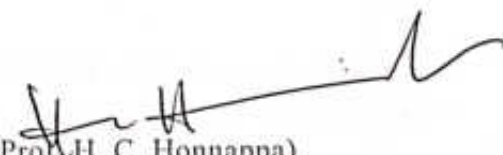
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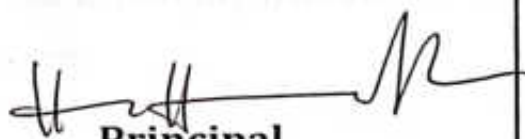
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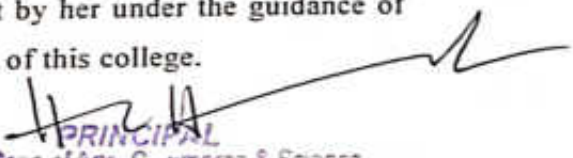
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### CERTIFICATE

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.

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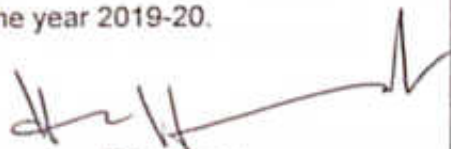
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## CERTIFICATE

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.

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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: 16/09/2020

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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.

  
Signature of guide

  
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19/09/2020

  
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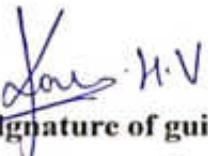
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## CERTIFICATE

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.

  
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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)  
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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: 19-09-2020

  
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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.

Place: Mysuru

Date: 19/09/2020

  
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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.

(Prof. H. C. Honnappa)  
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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 "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. 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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Date: 08-09-2020


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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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### 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. 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

Date: 18-09-2020

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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 year 2019-20.

Place: Mysore

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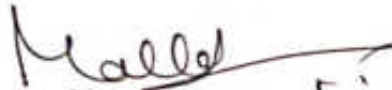
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## CERTIFICATE

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 Chemistry.

  
Signature of guide

  
Head of the department

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B.N. Road, Mysore - 25

Examiners:

  
19/04/2020

  
19/04/2020

  
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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

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### CERTIFICATE

This is to certify that the project work entitled "A REVIEW ON BIOLOGICAL IMPORTANCE OF SUBSTITUTED IMIDAZOLES" submitted by Swathi C. C. 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 ON ANALYTICAL METHODS DEVELOPED FOR PYRANTEL PAMOATE QUANTIFICATION" submitted to the JSS College of Arts, Commerce and Science, Ooty Road, Mysore, by **Miss. THEJASWINI. B. M** 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: 16/09/2020

  
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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: 15/07/2020

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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 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.



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## CERTIFICATE

This is to certify that the dissertation entitled '*A review on synthesis and biomedical application of Fe based Nanomaterials*' submitted to the JSS College of Arts, Commerce and Science by Mr 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

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**CERTIFICATE**

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

Place: Mysuru

Date: 2/9/2021

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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

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## CERTIFICATE

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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.

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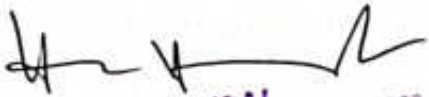
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This is to certify that the project work entitled "**Diverse Role of Sulphur-Heterocycles in Medicinal Chemistry**" submitted by Chandan S is based on the investigations carried out by him under the guidance of Dr R. Suhas, Postgraduate Department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

  
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**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

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

Place: Mysuru  
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## CERTIFICATE

This is to certify that the dissertation entitled "REVIEW OF LITERATURE ON 2,5-DICHLOROPYRIMIDINE DERIVATIVES" 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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## CERTIFICATE

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

Place: Mysuru

Date: 02/09/2021

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## CERTIFICATE

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

Place: Mysuru

Date: 30/8/2021

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## CERTIFICATE

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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

Date: 2/9/2021

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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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Place: Mysuru

Date: 02/09/2021

  
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## CERTIFICATE

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

Place: Mysuru

Date: 30/8/2021

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

Place: Mysuru  
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## CERTIFICATE

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

Place: Mysuru

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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. MANASA . N** under the guidance of **Dr. N. RAJENDRAPRASAD**, for the partial fulfillment of the requirement of the award of degree 'Master of Science in Chemistry' during the year 2020-21.

Place: Mysuru

Date: 27/8/21

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

Place: Mysuru

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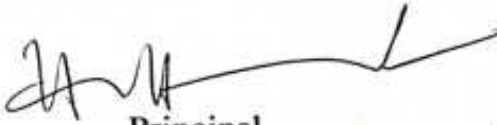
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### CERTIFICATE

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.

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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  
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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.

  
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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.

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Place: Mysuru

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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 Sandeep S under the guidance of Dr. Mallikarjunaswamy C, for the partial fulfilment of the requirement of the award of the degree of Master of Science in Chemistry during the year 2020-21.

Place: Mysuru

Date: 30-08-2021

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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-NITROANILINE DERIVATIVES" submitted to the JSS College of Arts, Commerce and Science by **Mr. SATHISHA C** under the guidance of **Dr. L. MALLESHA**, for the partial fulfillment of the requirement of the award of the degree of Master of Science in Chemistry during the year 2020-21.

Place: Mysuru

Date: 25/08/2021

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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 **Shankari K S** under the guidance of **Dr. Mahadeva Swamy M**, for the partial fulfillment of the requirement of the award of the degree of Master of Science in Chemistry during the year 2020-21.



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Place: Mysuru

Date: 26/8/2021



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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 Sharavana P is based on the investigations carried out by him under the guidance of Dr R. Suhas, Postgraduate Department of Chemistry of this college.

(Prof. H. C. Honnappa)

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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. VIJENDRA KUMAR, for the partial fulfillment of the requirement of the award of the degree of Master of Science in Chemistry during the year 2020-21.

Place: Mysuru

Date:

  
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## CERTIFICATE

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

Place: Mysuru

Date: 30/8/2021

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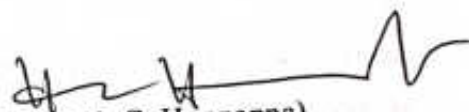
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### CERTIFICATE

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

  
(Prof. H. C. Honnappa)  
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**CERTIFICATE**

This is to certify that the dissertation entitled quantitative assay of desulipin 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: Mysuru

Date: 27/03/21

**Principal**  
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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.

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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: 06/08/2021

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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 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.

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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.

  
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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.

Place: Mysuru

Date: 27/8/21

  
Principal



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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 **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:

**Principal**

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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 **Mrs. ANUSHA B S** 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.

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Date: 2 | 8 | 2022

  
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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 **ANUSHAGOWDA** 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: 1/8/2022

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## CERTIFICATE

*This is to certify that the dissertation entitled "Green synthesis of Zirconium oxide nano particles characterisation and its application" submitted to the JSS College of Arts, Commerce and Science by Anusha H N 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:

  
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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

*[Signature]*  
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### CERTIFICATE

This is to certify that the dissertation entitled "**SYNTHESIS AND ANTIBACTERIAL ACTIVITY OF N-(2-METHYL-5-NITROPHENYL)-4-(PYRIDIN-3-YL)PYRIMIDIN-2-AMINE METAL COMPLEXES**" submitted to the JSS College of Arts, Commerce and Science by **Mr. BHARATHRAJ M. 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 2021-22.

Place: Mysuru

Date:

  
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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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# 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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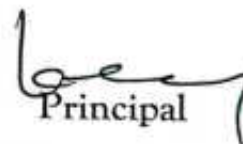
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## CERTIFICATE

This is to certify that the dissertation entitled "Facile green synthesis of  $\text{BiVO}_4$  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



Principal

(Prof. M.P. Vijayendra Kumar)

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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 '**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. BHOMIKA 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.

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**Principal**

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

  
Principal  
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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 Mr.DUSHYANTHA.S.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 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

*This is to certify that the dissertation entitled "Green synthesis of Zirconium oxide nano particles characterisation and its application" submitted to the JSS College of Arts, Commerce and Science by K Chetankumar 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:

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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

  
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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

  
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## CERTIFICATE

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Place: Mysuru

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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.

  
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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 **Mrs. MEGHANA S RAJ** 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.

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Date: 2/8/22

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Place: Mysuru

Date: 2/8/2022

  
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# CERTIFICATE

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.

  
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### CERTIFICATE

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Place: Mysuru

Date: 02-08-2022

  
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# CERTIFICATE

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## 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.

  
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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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## 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.

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Date: 01-08-22

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Place: Mysuru

Date: 02/08/2022



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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 **PRAKRUTHI 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 2021-22.

Place: Mysuru

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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 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

  
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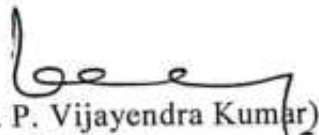
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## CERTIFICATE

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.

  
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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 Rohith G 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: 02/08/2022

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Place: Mysuru

Date: 2/8/2022

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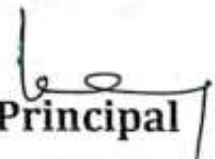
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### CERTIFICATE

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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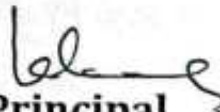
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### CERTIFICATE

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 D R** 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

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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 BiVO<sub>4</sub> 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



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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

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Place: Mysuru

Date: 2/8/22

  
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## CERTIFICATE

This is to certify that the dissertation entitled "SYNTHESIS AND BIOLOGICAL ACTIVITY OF LANSOPRAZOLE 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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## **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. SNEHA C S** 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 dissertation entitled "**MOLECULAR DOCKING STUDIES OF SCHIFF BASE METAL COMPLEXES; SYNTHESIS, CHARACTERISATION**" submitted to the JSS College of Arts, Commerce and Science by **Ms. SOUJANYA** 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

  
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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)  
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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 Sumathi.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 2021-22.*

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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: 08-08-2022

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Date: 03/08/2022

  
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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. **SUSHMITHA 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 2021-22.

Place: Mysuru  
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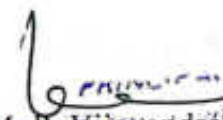
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### CERTIFICATE

This is to certify that the project work entitled "Synthesis of Pyrazoline Bridged Arginine Derivatives" submitted by Swarna A.U. 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. S. Vijayendra Kumar)  
Principal  
JSS College of Arts, Commerce & Science  
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Place: Mysuru

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Place: Mysuru

Date: 01/08/2022

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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. Vijayendra Kumar)  
**PRINCIPAL**  
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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

  
Principal.

PRINCIPAL

JSS College of Arts, Commerce & Science  
Narasimhaiah-Ooty Road, MYSORE-4



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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. 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.

Place: Mysuru

Date: 2/8/2022

  
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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 **VEERENDRA SHETTY 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 2021-22.

Place: Mysuru

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Place: Mysuru

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