



JSS MAHAVIDYAPEETHA
JSS COLLEGE OF ARTS COMMERCE AND SCIENCE
(Autonomous, NAAC 'A' Grade and College with Potential for Excellence)
OOTY ROAD MYSORE



STUDENT CENTRIC ACTIVITIES
EXPERIENTIAL LEARNING



JSS MAHAVIDYAPEETHA

JSS COLLEGE OF ARTS, COMMERCE & SCIENCE

(An Autonomous College of University of Mysore)

OOTY ROAD, MYSORE-570 025 KARNATAKA

Re-accredited by NAAC with 'A' grade

Recognised by UGC as "College with Potential for Excellence"

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

DEPARTMENT OF BOTANY- UG

Student centric methods

- **Following are the participatory learning techniques adopted**

1. Group discussion: subject related topics are given for discussion this helps them to develop communication skill, Knowledge sharing, to overcome hesitation, fear.

2. Information gathering: students gathered the information about the various flora, guided by department faculties.





Collection of Plant materials from the college campus



Learning by doing: Students performing Seed germination experiment

Describing charts: students explain charts during their seminars.



Participation in special lecture programmes organised from the Department



Students participation in skill activities.



Floral rangoli





Vegetable carving





Exposure to Vermicomposting

(A part of green waste management from the department)

Experiential learning

2018-19

The Department of Botany, had organized a field trip for fifth semester B. Sc. (CBZ & BBM) Students on 22nd Sep 2018 to Chamundi foot hills. A total of 67 students accompanied by Dr. Prathibha, S. Mr. Kiran, B. L., Mrs. Pooja, N., Mrs. Sowmya, P. and Mrs. Divya Gouda.



Academic Tour – Organized by Department of Botany 2019-2020

Departure Schedule – 18-01-2020 at 6.00 am

Arrival Schedule – 20-01- 2020 at 11.00 pm

Number of Boys - 26

Number of Girls- 38

Total number of students- 64

Accompanying faculties - 1. Mr. Kiran, B.L. Assistant professor of Botany

2. Mrs.Divya Gouda. Assistant professor of Botany

3. Mr. Nandish H S. Assistant professor of Botany

4. Mr. Ravikumar B M. Laboratory supporting staff

Botanical Tour-List of visiting places

18th Jan 2020, 5 am departure from Mysore.

Day 1 (18-01-2020)

- Antharasanthe safari
- Barasura Dam
- Kanthanpara falls
- Edakkal caves
- Tea estate
- Nilambur.(stay)

Day 2 (19-01-2020)

Nilambur

- Botanical garden
- Teak Museum
- Teak plantation
- Thrissur Stay.

Day 3 (20-01-2020)

- Research institute
- Zoo & Museum
- Athirapally waterfalls
- Chavakod beach

Return back to Mysore- Night journey.









2021-2022

The Department of Botany, had organized a field trip for II semester B. Sc. (BZ) Students on 8th July 2022 to Karanji lake. Accompanied by Gayathri devi and Mr. Kiran, B. L.,



The Department of Botany, had organized a field trip for II & IV semester B. Sc. (BZ & CB) Students on 11th July 2023 to Lingambudi lake. Accompanied by Gayathri devi Mr. Kiran B. L., and supporting staff Mr. Ravi kumar B. M.





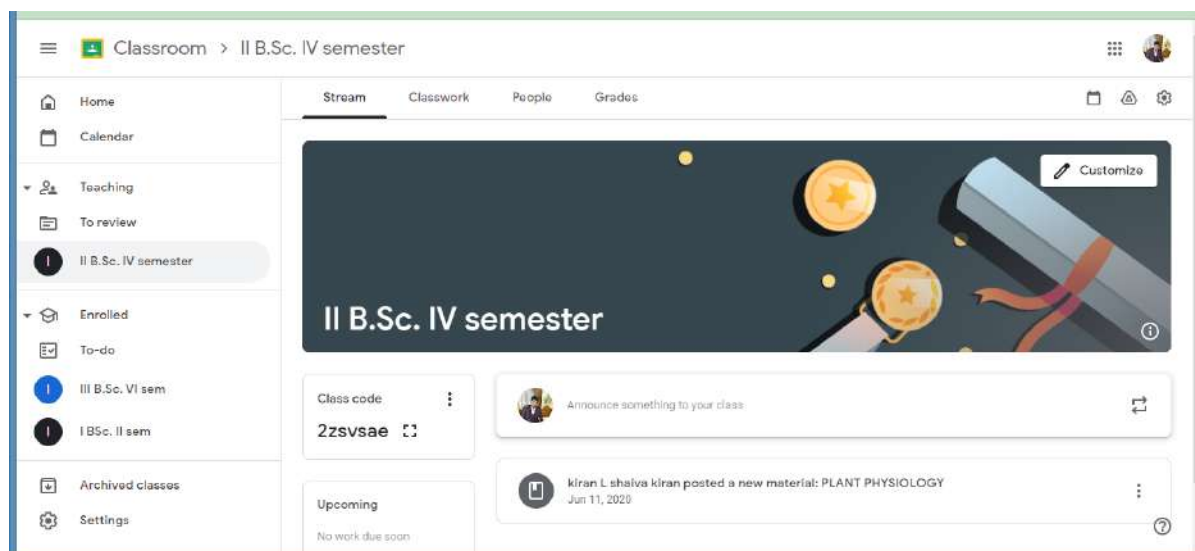
- **2018 to 2022 every year students participated in Suttur Jathre Krshimela as volunteers.**

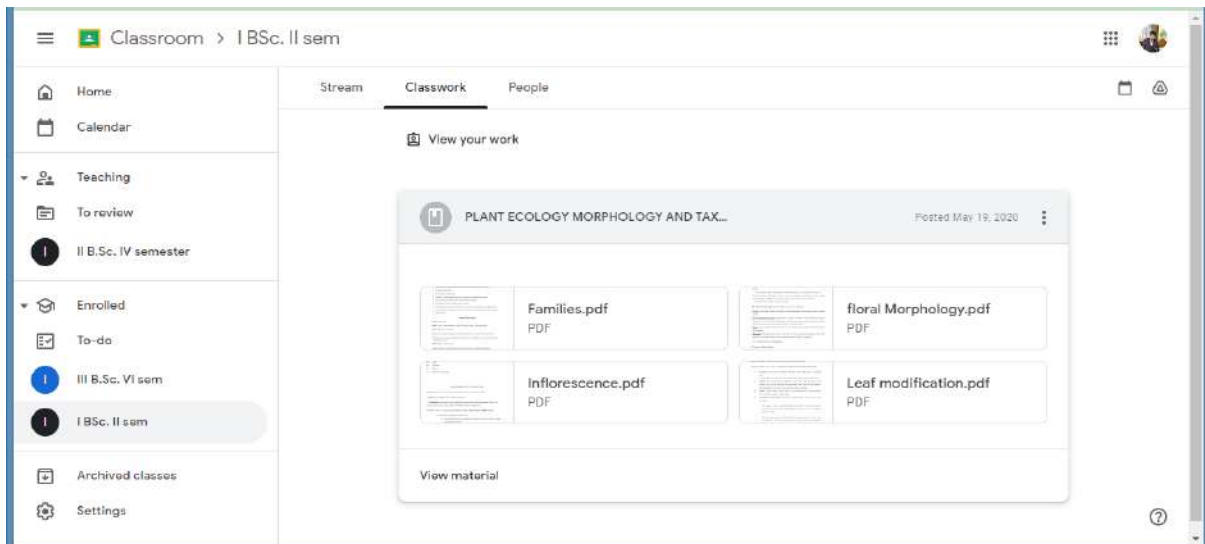




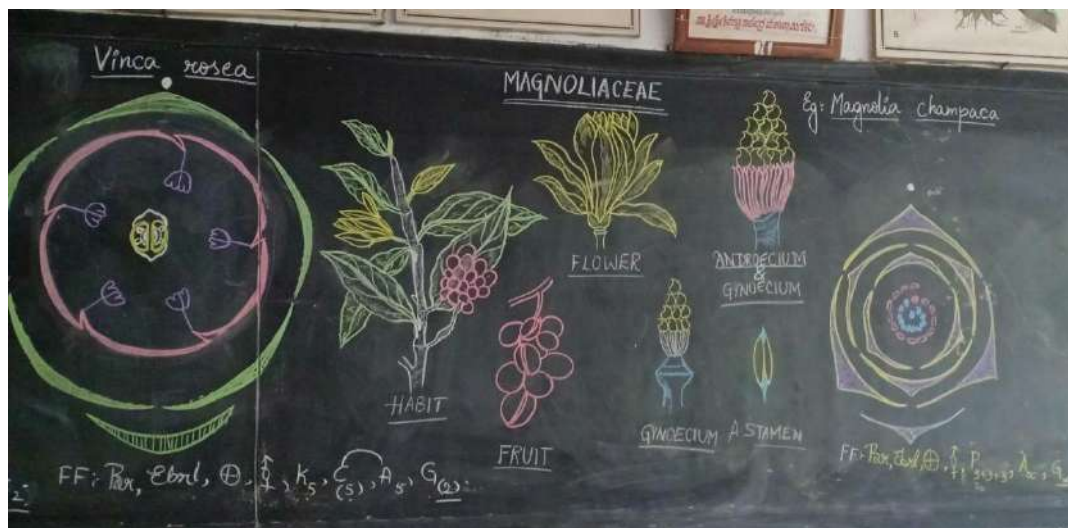
Screen shots showing online

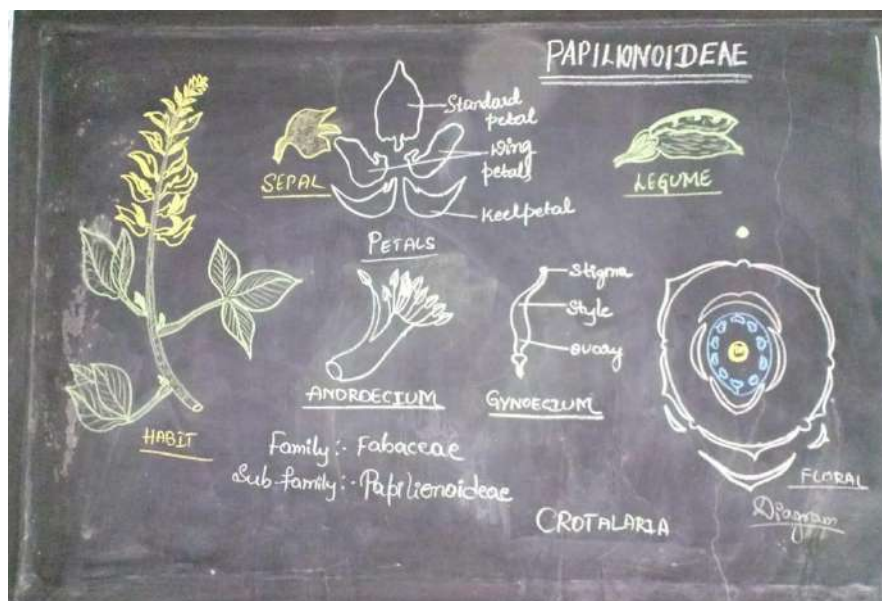
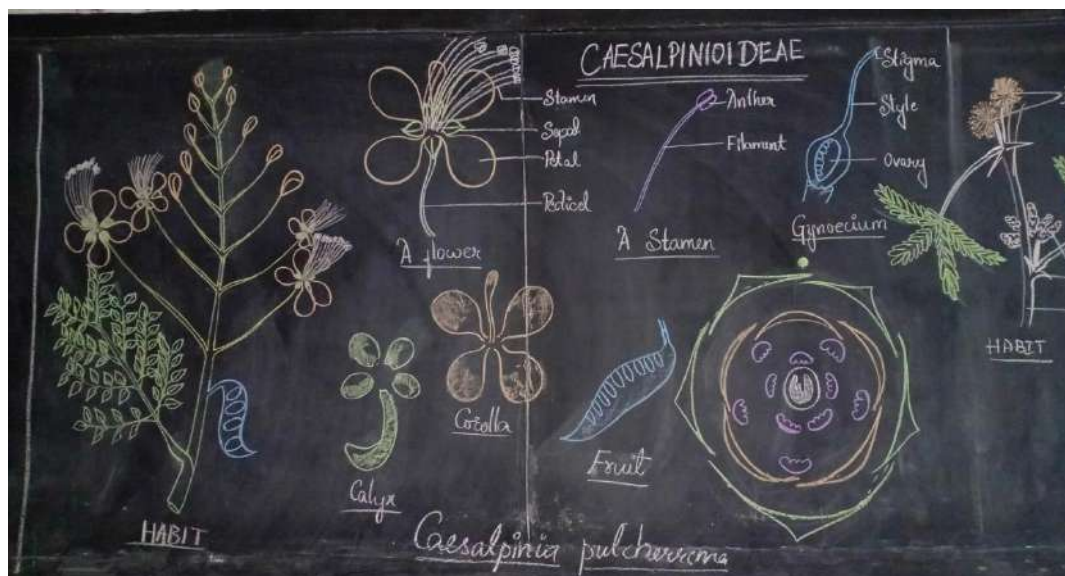
Google classroom

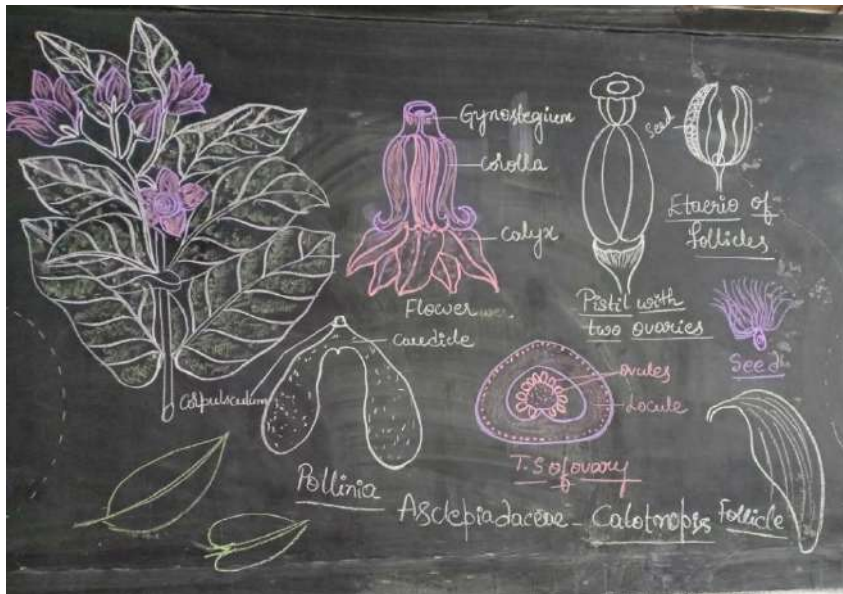


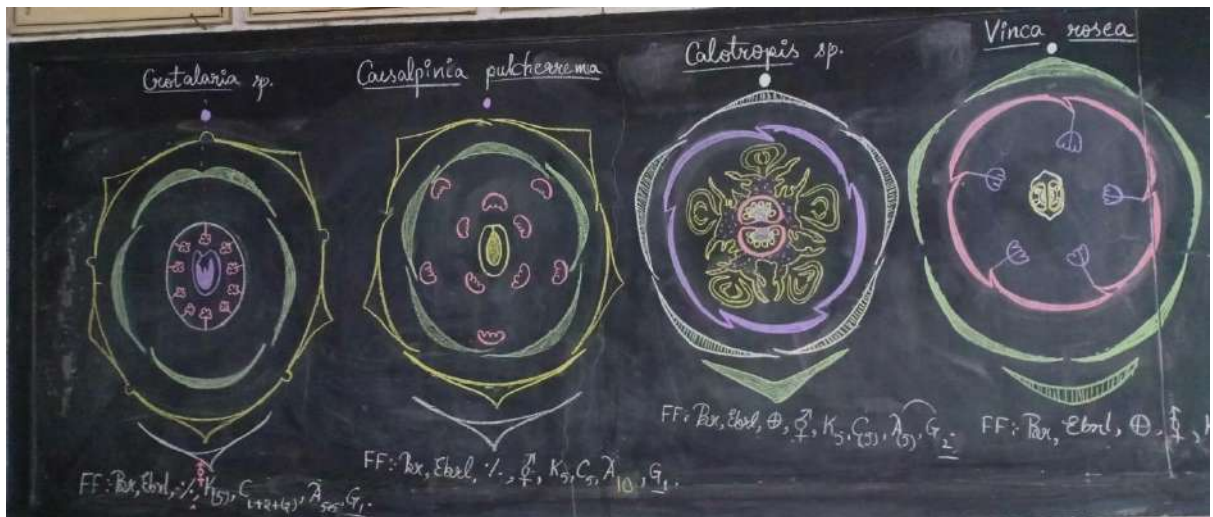


Drawings











GPS Map Camera

Mysuru, Karnataka, India

7MP5+JW3, Gundurao Nagar, Chamundipuram, Mysuru,
Karnataka 570025, India

Lat 12.286564°

Long 76.660051°

18/05/23 01:03 PM





GPS Map Camera

Mysuru, Karnataka, India

7MP5+JW3, Gundurao Nagar, Chamundipuram, Mysuru,
Karnataka 570025, India

Lat 12.286506°

Long 76.659769°

18/05/23 01:06 PM





Mysuru, Karnataka, India

7MP5+JW3, Gundurao Nagar, Chamundipuram, Mysuru,
Karnataka 570025, India

Lat 12.286504°

Long 76.660036°

18/05/23 01:05 PM



GPS Map Camera



Mysuru, Karnataka, India

7MP5+JW3, Gundurao Nagar, Chamundipuram, Mysuru,
Karnataka 570025, India

Lat 12.286508°

Long 76.660032°

18/05/23 01:05 PM



GPS Map Camera



Mysuru, Karnataka, India

7MP5+JW3, Gundurao Nagar, Chamundipuram,

Mysuru, Karnataka 570025, India

Lat 12.286497° Long 76.66°

18/05/23 01:07 PM



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Ph: 0821-2548236 & 2548380, FAX: 0821-2548238

E-mail: jssautonomous@gmail.com, Website: jsscacs.edu.in

CERTIFICATE

This is to certify that

Ms. BINDUSHREE T.N.

M.Sc Chemistry, II Semester

has delivered a presentation on the topic "Fundamentals of Analytical Chemistry"
and won the **Member of the Best Group** in the **Experiential Learning Programme**
organized by the PG Department of Chemistry during August – September 2022.

Dr. Mallesha L
Head, PG Dept. of Chemistry

Dr. N. Rajendraprasad
Coordinator





JSS Mahavidyapeetha

JSS ACADEMY OF TECHNICAL EDUCATION

BENGALURU-560060

Department of Chemistry



C E R T I F I C A T E

NATIONAL SCIENCE FAIR - 2023

In association with

GRAVITY SCIENCE FOUNDATION, CHAMARAJANAGAR

This is to certify that Mr./Ms. Sachin S D from JSSCATS Mysuru has participated in the science exhibition competition and awarded 1st/2nd/3rd prize for the project in the National Science Fair held on 31st - August to 2nd September-2023 organized by the Department of Chemistry, JSS Academy of Technical Education, Bengaluru, Karnataka.

Chuday

Dr. Chamaraaja N A
Coordinator

Roopashree B

Dr. Roopashree B
HOD - Chemistry

Hu B

Dr. Mahesh B
Convener

Bhima

Dr. Bhimasen Soragaon
Principal



JSS Mahavidyapeetha

JSS ACADEMY OF TECHNICAL EDUCATION

BENGALURU-560060

Department of Chemistry



CERTIFICATE

NATIONAL SCIENCE FAIR - 2023

In association with
GRAVITY SCIENCE FOUNDATION, CHAMARAJANAGAR

This is to certify that Mr./Ms. Kavyashree M B
from JSS A CS Mysuru has participated in the science
exhibition competition and awarded 1st/2nd/3rd prize for the project
..... in the National Science Fair held on 31st -
August to 2nd September-2023 organized by the Department of Chemistry, JSS Academy of Technical
Education, Bengaluru, Karnataka.

Dr. Chamaraja N A
Coordinator

Dr. Roopashree B
HOD- Chemistry

Dr. Mahesh B
Convener

Dr. Bhimasen Soragaon
Principal



JSS Mahavidyapeetha
JSS ACADEMY OF TECHNICAL EDUCATION
BENGALURU-560060



Department of Chemistry

CERTIFICATE

NATIONAL SCIENCE FAIR - 2023

In association with
GRAVITY SCIENCE FOUNDATION, CHAMARAJANAGAR

This is to certify that Mr./Ms. Anusha Gowda A.R.
from JSS CACS Mysuru has participated in the science
exhibition competition and awarded 1st/2nd/3rd prize for the project
..... in the National Science Fair held on 31st -
August to 2nd September-2023 organized by the Department of Chemistry, JSS Academy of Technical
Education, Bengaluru, Karnataka.

Cheloy
r. Chamara N A
Coordinator

Roopashree B
Dr. Roopashree B
HOD- Chemistry

Mahesh B
Dr. Mahesh B
Convener

Bhimasen Soragaon
Dr. Bhimasen Soragaon
Principal

JSS College of Arts, Commerce & Science (Autonomous)
Ooty Road, Mysuru - 570025
PG Department of Chemistry.

REPORT ON ONE DAY VISIT TO THE IISc BENGALURU
ON
04-03-2023

We first year M.Sc. Chemistry students of JSS College of Arts Commerce and Science have visited the Indian Institute of Science Bengaluru on its open day in 04/03/2023 on the occasion of their 'open Day 2022' event. We 50 students left mysuru at around 6:00 am together in a bus with Faculty Dr. Suhas R and Ms. Pramila S, PG Department of Chemistry. We reached IISc campus at around 8:30 am. We were among thousands of students and other science enthusiasts.

We visited the IISc library and we couldn't agree more that it was one of the largest libraries in India. It was named as the J.R.D Tata memorial library and one can find access to about 4.2 lakh document. We paid a quick visit to biological science section where we saw detailed information about mankind's new and potentially deadliest disaster i.e, coronavirus. We also saw mechanism about other microbial diseases.

We went through some amazing array of daily life science experiments like behaviour of hydrogen reaction between iodine and ammonia, solvent extraction, light refraction, 'golden rain', guncotton and so on. We next visited the 'Material Research Center' which has so much importance in science going forward. Here, we observed 'smart hydrogel', extraction of DNA from strawberry, LiFi, making your own battery experiment, 'chemical chameleon; organic LED, IR based robotic car, electroplating, photoelectric effect, patient specific implant by additive manufacture.

After a quick stop for lunch, we visualise some popular chemical reaction like Diels-Alder reaction, characteristic of water, Belousov-Zhabotinskii reaction, electrochemical metal deposition etc.

We next visited the NMR and its instrument was a sight to behold we were taught about its principle and application in a very lucid manner. For the demonstration, we were shown a 4 crore rupees model and in IISc, there was also a 20 crore rupees model which is used for various important and path breaking research.

After a long walk of about two kilometres, we visited the aerospace department. Here, we saw how rockets were launched into space, some experiments on the principles and concepts of some space and astronomical theories. We then visited botanical and the zoological departments and learnt about various new facts about the incredible flora and fauna species. Lastly we went to the automated machinery department and we were struck in awe by seeing many advance automated machinery in work. We left bengaluru at 6:00 pm and reached mysuru at 9:00 pm. In introspection, we could agree that IISc is simply an inspirational to all people; even though they haven't studied science this institute is a symbol and for many reasons a backbone for a developing country like India.



Mall

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

REPORT ON ONE DAY VISIT TO THE IISc BENGALURU ON 29-02-2020

We first year M.Sc. Chemistry students of JSS College of Arts Commerce and Science have visited the Indian Institute of Science Bengaluru on its open day in 29/02/2020 on the occasion of their 'open Day 2020' event. We 35 students left mysuru at around 6:30am together in a bus with Faculty Ms. Pramila S and Dr. Vijendra Kumar, PG Department of Chemistry. We reached IISc campus at around 10:30am. We was among thousands of students and other science enthusiasts.

We were amazed by the ultra modern infrastructure built on the lap of nature. We were told the campus is around 400 acres in size and there were more than 110 floral species. We as chemists were all curious about the India's finest research institute's chemistry department, so we took a look at their analytical, inorganic and physical chemistry facilities and we all instantly bowled over.

We went through some amazing array of daily life science experiments like behaviour of hydrogen reaction between iodine and ammonia, solvent extraction, light refraction, 'golden rain', guncotton and so on. We next visited the 'Material Research Center' which has so much importance in science going forward. Here, we observed 'smart hydrogel', extraction of DNA from strawberry, LiFi, making your own battery experiment, 'chemical chameleon: organic LED, IR based robotic car, electroplating, photoelectric effect, patient specific implant by additive manufacture.

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After a quick stop for lunch, we visualise some popular chemical reaction like Diels-Alder reaction, characteristic of water, Belousov-Zhabotinskii reaction, electrochemical metal deposition etc.

We next visited the NMR and its instrument was a sight to behold we were taught about its principle and application in a very lucid manner. For the demonstration, we were shown a 4 crore rupees model and in IISC, there was also a 20 crore rupees model which is used for various important and path breaking research.

After a long walk of about two kilometres, we visited the aerospace department. Here, we saw how rockets were launched into space, some experiments on the principles and concepts of some space and astronomical theories. We then visited botanical and the zoological departments and learnt about various new facts about the incredible flora and fauna species. Lastly we went to the automated machinery department and we were struck in awe by seeing many advance automated machinery in work. We left bengaluru at 5:00pm and reached mysuru at 9:00pm. In introspection, we could agree that IISc is simply an inspirational to all people; even though they haven't studied science this institute is a symbol and for many reasons a backbone for a developing country like India.




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

REPORT ON ONE DAY VISIT TO THE IISc BENGALURU
ON
23-03-2019

We first year M.Sc. students of JSS College of Arts Commerce and Science belonging to PG Department of Chemistry have visited the Indian Institute of Science Bengaluru on its open day in 23/03/2019. we clan of 53 students including 2 members from the department commuted to the institute in an vehicle arranged by our department.

We people of around 55 members have entered the institute through the main gate, there we started our journey in the vast 400 acres of campus, and really it is an overwhelming environment to see as many departments cutting across the campus. Initially it was felt like **Alice in the forest of science**.

Our aim is to cover the department of chemical sciences completely and to see the peripheral departments later onwards. We spent more time at the department of chemical science and chemical engineering, there we got more information about the fundamental aspects of basic chemistry as well in the ambit of that we also got an opportunity to have the glimpse of applied chemical experiments also. We have also participated in small computations' conducted by the same chemical science department and many of students from our college managed to get small prizes such as periodic table of elements, laboratory goggles, and magazines etc. later we visited chemical engineering department there we saw the demonstration of

experiments regarding oil refining, crude extraction, etc and some other aspects also.

Apart from we also visited department of **biological science**, **department of aeronautical engineering**, **department of neuron science**. Over all it is an versatile experience for us for being in there, i.e. one of the finest institution ever seen across India .we thought we had a greet fortunate time to get knowledge.

And we would like to thank **our PG Department of Chemistry JSS College of Arts Commerce and Science, B. N. Road, Mysore** for granting permission to visit IISc. If there is another opportunity we would never like to miss to visit the same.



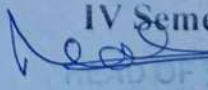
Mall
HEAD OF THE DEPARTMENT
Postgraduate Department of Chemistry
JSS College of Arts, Commerce & Science
(Autonomous)
Doty Road, Mysore - 25

JSS College of Arts, Commerce & Science (Autonomous)
Ooty Road, Mysuru - 570025
PG Department of Chemistry
REPORT ON INDUSTRIAL VISIT-16th June, 2023

We people of around 53 members including four faculties from PG department of Chemistry, JSS College of Arts, Commerce and Science, Ooty road, Mysuru, visited **Gracim chemicals limited, Karwar** a unit of Birla Chemicals, Private Limited on 16/06/2023. The chemical plant is situated across Karwar-Mangalore highway has nearly more than 100 acres of plant extension.

Gracim chemicals is situated near karwar city, it is basically producing hydrochloric acid, sodium hydroxide, and orthophosphoric acid. When we entered the premises of the plant friendly guides from the industry accompanied us while taking plant tour. And explained the full detailed process of making NaOH, HCl and orthophosphoric acid. Many students from our second M.Sc. chemistry had better interactions with them and drawn their attraction in a disciplined way. We also got an opportunity to visit the plant anytime we wish for information as well for chemistry jobs.

We second year M.Sc. Chemistry Students would like to thank our Head of the Department, Principal of our College and in its entirety we are thankful to JSS Mahavidyapeetha.

M.Sc. Chemistry
IV Semester Students

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



M. A. L.

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

REPORT ON INDUSTRIAL VISIT-17th January, 2020

We people of around 43 members including three faculties from PG department of Chemistry, JSS College of arts, commerce, and science, ooty road, Mysuru, visited **Gracim chemicals limited, Karwar** a unit of birla chemicals india private limited on 17/01/2020. The chemical plant is situated across karwar-mangalore highway has nearly more than 100 acres of plant extension.

Gracim chemicals is situated near karwar city, it is basically producing hydrochloric acid, sodium hydroxide, and orthophosphoric acid. When we entered the premises of the plant friendly guides from the industry accompanied us while taking plant tour. And explained the full detailed process of making NaOH, HCl and orthophosphoric acid. Many students from our second MSc chemistry had better interactions with them and drawn their attraction in a disciplined way. We also got an opportunity to visit the plant anytime we wish for information as well for chemistry jobs.

We second year M.Sc. Chemistry students would like to thank our head of the department, Principle of our College and in its entirety we are thankful to JSS Mahavidyapeetha.



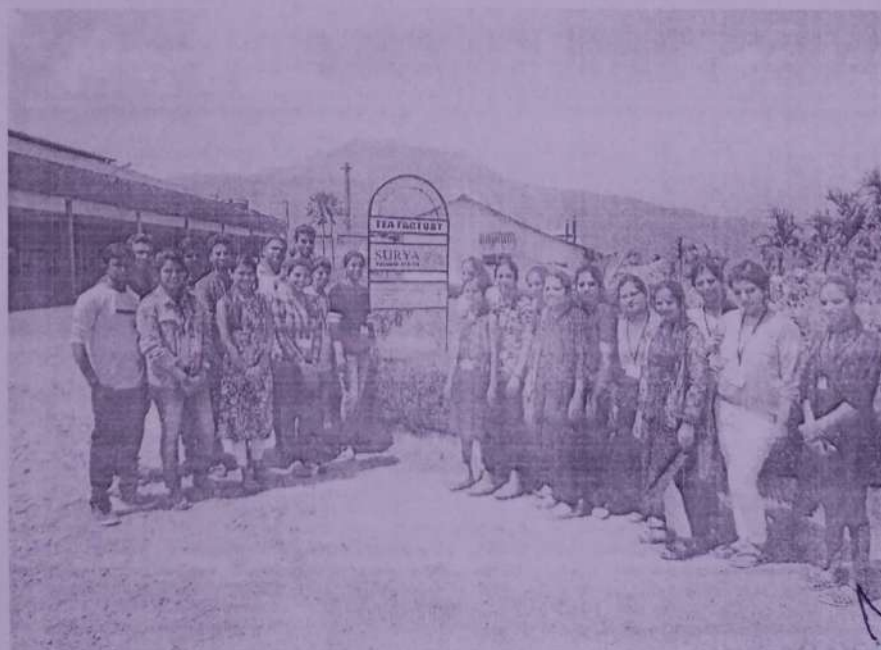
M. S. S.
HEAD OF THE DEPARTMENT
Postgraduate Department of Chemistry
JSS College of Arts, Commerce & Science
(Autonomous)
Ooty Road, Mysuru - 25

REPORT ON INDUSTRIAL VISIT-12th February, 2019

Students of Chemistry PG session (IV Sem) visited the **Harrisons Malayalam Limited, Achoor Estate (Surya Tea Factory), Achooranam P.O., Wynad District, Kerala** on 12th Feb 2019 at the timings of 10.30 am. Where tea powder manufacturing unit was shown & integrated agriculture operation giant Harrisons Malayalam Limited is India's largest producer of rubber, South India's largest cultivator of Tea and perhaps the largest farmer of Pineapple in the region. It is also a major processor of other agricultural produce from neighboring farmlands. Harrisons Malayalam Limited grows tea both in perhaps the highest elevation in the world as well as in low areas. As such, we are a producer of a wide variety of teas.

The company also produces smaller quantities of a variety of other exotic horticultural crops like Areca nut, Banana, Cardamom, Cocoa, Coffee, Coconut, Pepper and Vanilla as well as limited quantities of Organic tea and Spices. Exotic horticulture being a labour intensive activity the company has been a major employer of people. HML is a company that has witnessed many seasons and weathered many storms. Today it is growing from strength to strength, taking advantage of the changing paradigm for agriculture in India. HML is part of The RPG Enterprises, one of the largest business conglomerates in India with business interests ranging from tyres, cables, power transmission, telecommunications, pharmaceuticals, speciality chemicals to retail and consumer marketing, hotel, tourism and entertainment.

This visit was great experience and also from a life point view. We thanks our beloved teachers for making this visit a memorable one and this trips have to be further extended to fourth coming batches.



Neall
HEAD OF THE DEPARTMENT
Postgraduate Department of Chemistry
JSS College of Arts, Commerce & Science
(Autonomous)
Ooty Road, Mysore - 25



KARNATAKA ANTIBIOTICS &
PHARMACEUTICALS LIMITED

Established in 1972


CERTIFICATE

This is to certify that **Ms. VEENA RAMESHA HEGDE** student of M.Sc., Chemistry [II Semester] from JSS College of Arts, Commerce and Science, Mysuru has undergone training in Chemical Section of our Quality Control Department from 03.06.2019 to 02.07.2019.

During the training period her conduct and performance was good.

We wish her all the best..

FOR KARNATAKA ANTIBIOTICS
& PHARMACEUTICALS LIMITED


C.S. MARIGOLI
ASST. GEN. MANAGER- Q.C.

DATE : 02.07.2019
PLACE: BENGALURU-58

Factory: 1A, 2nd Phase, Poojya Industrial Area, Bangalore - 560 005
Phone: 29395186, 29395187, 29395188, Fax: 914080129395189, 29395190

Regd. & Corporate Office

Nimra-Busstop, Dr. Rajkumar Road, 1st Block, Rajajinagar, Bangalore - 560 014
Phone: 29571590, Fax (080) 23371350



CERTIFICATE

This is to certify that **Ms. SWATHI C.C.** student of M.Sc., Chemistry [II Semester] from JSS College of Arts, Commerce and Science, Mysuru has undergone training in Chemical Section of our Quality Control Department from 03.06.2019 to 02.07.2019.

During the training period her conduct and performance was good.

We wish her all the best..

FOR KARNATAKA ANTIBIOTICS
& PHARMACEUTICALS LIMITED

C.S. MARIGOLI
ASST. GEN. MANAGER- Q.C.

DATE : 02.07.2019
PLACE: BENGALURU-58



**Stabicon Life
Sciences Pvt. Ltd.**

SLS /HR / SL / 2018 – 19

20th July 2018

CERTIFICATE

Dear Ms. Spruthi H M,

This is to certify that Ms. Spurthi H M, M.sc Student bearing Register No: JCH17059 student of JSS College of Arts Commerce and Science , B N Road, Mysore, Karnataka affiliated to University of Mysore, Karnataka, has successfully completed her Internship of Industrial training at Stabicon life sciences Pvt. Ltd. Bangalore From 04/06/2018 to 20/07/2018.

We further wish her all the very best in her future endeavors.

For Stabicon Life Sciences Pvt. Ltd.

Praveen Kumar Razdan
General Manager



+91 80412 85405



info@stabicon.com



www.stabicon.com

Corporate Office : # 41, Blue Valley, 2nd Floor, Nandidurga Road, Jayamahal Extn., Bengaluru - 560 046. KARNATAKA, INDIA Ph : 080-41285405

R & D : Plot No. 28, Bommasandra Industrial Area (Sub-Layout), 4th Phase, Jigani Hobli, Anekal Taluk, Bengaluru - 560 100. KARNATAKA, INDIA. Ph : 080 27839259/60

CIN : U73100KA2010PTC052428



**Stabicon Life
Sciences Pvt. Ltd.**

SLS /HR / SL / 2018 – 19

20th July 2018

CERTIFICATE

Dear Ms. Shreekrupa P B,

This is to certify that Ms. ShreeKrupa P B, M.sc Student bearing Register No: JCH17052 student of JSS College of Arts Commerce and Science , B N Road, Mysore, Karnataka affiliated to University of Mysore, Karnataka, has successfully completed her Internship of Industrial training at Stabicon life sciences Pvt. Ltd. Bangalore From 04/06/2018 to 20/07/2018.

We further wish her all the very best in her future endeavors.

For Stabicon Life Sciences Pvt. Ltd.

Praveen Kumar Razdan
General Manager



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CIN : U73100KA2010PTC052428



**Stabicon Life
Sciences Pvt. Ltd.**

SLS /HR / SL / 2018 – 19

20th July 2018


CERTIFICATE

Dear Ms. Medha M Bhat,

This is to certify that Ms. Medha M Bhat, M.sc Student bearing Register No: JCH17035 student of JSS College of Arts Commerce and Science , B N Road, Mysore, Karnataka affiliated to University of Mysore, Karnataka, has successfully completed her Internship of Industrial training at Stabicon life sciences Pvt. Ltd. Bangalore From 04/06/2018 to 20/07/2018.

We further wish her all the very best in her future endeavors.

For Stabicon Life Sciences Pvt. Ltd.


Praveen Kumar Razdan
General Manager



+91 80412 85405



info@stabicon.com



www.stabicon.com

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KARNATAKA, INDIA. Ph : 080 27839259/60

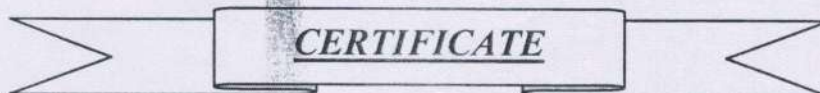
CIN : U73100KA2010PTC052428



**Stabicon Life
Sciences Pvt. Ltd.**

SLS /HR / SL / 2018 – 19

20th July 2018



Dear Ms. Prashasthi Y S,

This is to certify that Ms. Prashasthi Y S, M.sc Student bearing Register No: JCH17042 student of JSS College of Arts Commerce and Science , B N Road, Mysore, Karnataka affiliated to University of Mysore, Karnataka, has successfully completed her Internship of Industrial training at Stabicon life sciences Pvt. Ltd. Bangalore From 04/06/2018 to 20/07/2018.

We further wish her all the very best in her future endeavors.

For Stabicon Life Sciences Pvt. Ltd.

Praveen Kumar Razdan
General Manager



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KARNATAKA, INDIA. Ph : 080 27839259/60

CIN : U73100KA2010PTC052428



**Stabicon Life
Sciences Pvt. Ltd.**

SLS /HR / SL / 2018 – 19

20th July 2018

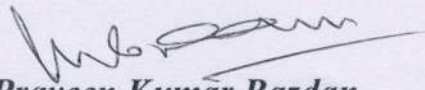
CERTIFICATE

Dear Ms. Reshma K L,

This is to certify that Ms. Reshma K L, M.sc Student bearing Register No: JCH17048 student of JSS College of Arts Commerce and Science , B N Road, Mysore, Karnataka affiliated to University of Mysore, Karnataka, has successfully completed her Internship of Industrial training at Stabicon life sciences Pvt. Ltd. Bangalore From 04/06/2018 to 20/07/2018.

We further wish her all the very best in her future endeavors.

For Stabicon Life Sciences Pvt. Ltd.


Praveen Kumar Razdan
General Manager



+91 80412 85405



info@stabicon.com



www.stabicon.com

Corporate Office : # 41, Blue Valley, 2nd Floor, Nandidurga Road, Jayamahal Extn., Bengaluru - 560 046. KARNATAKA, INDIA Ph : 080-41285405

R & D : Plot No. 28, Bommasandra Industrial Area (Sub-Layout), 4th Phase, Jigani Hobli, Anekal Taluk, Bengaluru - 560 100.

KARNATAKA, INDIA. Ph : 080 27839259/60

CIN : U73100KA2010PTC052428

KARNATAKA STATE COUNCIL FOR SCIENCE AND TECHNOLOGY

Indian Institute of Science Campus, Bengaluru – 560 012


Website: www.kscst.org.in || Email: spp@kscst.org.in || Tel: 080-2334 1652, 2334 8848/49/40

45th series of Student Project Programme (SPP): 2021-22

List of Student Project Proposals Approved for Sponsorship

66. J.S.S. COLLEGE OF ARTS COMMERCE AND SCIENCE, MYSURU

SL No.	PROJECT REFERENCE NO.	PROJECT TITLE	COURSE	BRANCH	NAME OF THE GUIDE(S)	NAME OF THE STUDENT(S)	SANCTIONED AMOUNT (IN RS.)
449.	45S_MSc_009	USE OF MICROALGAE FOR THE ABATEMENT OF POLLUTANTS OF EMERGING CONCERN (EC) (CHIEFLY ANTIBIOTICS) IN RECLAIMED WASTE WATER (RWW) USED FOR IRRIGATION	M.Sc.	BIOCHEMISTRY	Dr. B V LATHA	Ms. SAHANA S Mr. B H NANDISH Ms. PRERANA C S Ms. THEJA S P	12,000.00
450.	45S_MSc_019	METHANE PRODUCTION EVALUATION FROM ANAEROBIC DEGRADATION OF BIODEGRADABLE PLASTICS-AN ALTERNATE SOURCE OF ENERGY	M.Sc.	BIOCHEMISTRY	Mrs. SYEDA HAJIRA BANU Dr. CHETHAN KUMAR M	Ms. KAVYA M G Ms. KARUNA H K L Mr. RAKESH K Ms. DIVSK MANASA PRIYA	12,000.00
451.	45S_MSc_020	DEVELOPMENT OF STARCH-BASED BIOPLASTICS FROM AGRO WASTES INCORPORATED WITH ESSENTIAL OILS EXTRACTED FROM FLOWER WASTES GENERATED FROM TEMPLES	M.Sc.	BIOCHEMISTRY	Dr. CHETHAN KUMAR M Dr. LATHA B V	TANUJA R MEGHANA U P Mr. PRADEEP K Mr. SHIVAPRASAD H N	1,000.00
452.	45S_MSc_133	PHOTODEGRADATION OF HAZARDOUS ORGANIC DYES USING METAL OXIDE NANOPARTICLES	M.Sc.	CHEMISTRY	Dr. MALLIKARJUNASWAMY C	Mr. VEERENDRA SHETTY A Mr. SHASHANK P Mr. ROHITH G Mr. SURAJ URS B S	12,000.00


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



Karnataka State Council for Science and Technology

(An autonomous organisation under the Dept. of Science & Technology, Govt. of Karnataka)

Indian Institute of Science Campus, Bengaluru - 560 012

Telephone: 080-23341652, 23348848, 23348849, 23348840

Email: office.kscst@iisc.ac.in, office@kscst.org.in • Website: www.kscst.iisc.ernet.in, www.kscst.org.in

Dr. U T Vijay
Executive Secretary

Ref: 7.1.01/SPP/33

24th April, 2023

To,
The Principal,
J.S.S. College of Arts Commerce and Science,
Ooty Road,
Mysuru - 570 025.

Dear Sir/Madam,

Sub : Sanction of Student Project - **46th Series**: Year 2022-2023

Project Proposal Reference No. : 46S_MSc_107

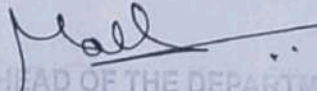
Ref : Project Proposal entitled **ROLE OF SMALL MOLECULES AS BIOFERTILIZERS IN ENHANCING THE SOIL FERTILITY TOTALLY A NEW GAME**

We are pleased to inform that your student project proposal referred above, has been approved by the Council under "Student Project Programme - 46th Series". The project details are as below:

Student(s)	Ms. TEJASHWINI	Department	ORGANIC CHEMISTRY
	Mr. VISHWAS M.D.		
	Mr. SANJAY M.G.		
	Ms. ANITHA V		
Guide(s)	Dr. R. SUHAS	Sanctioned Amount (in Rs.)	8,000.00

Instructions:

- The project should be performed based on the objectives of the proposal submitted.
- Any changes in the project title, objectives or students team is liable for rejection of the project and your institution shall return the sanctioned funds to KSCST.
- Please quote your project reference number printed above in all your future correspondences.
- After completing the project, 2 to 3 page write-up (synopsis) needs to be uploaded on to the following Google Forms link <https://forms.gle/nWTaJjvrwzp3Wmvt6>. The synopsis should include following:
 - Project Reference Number
 - Title of the project
 - Name of the College & Department
 - Name of the students & Guide(s)
 - Keywords
 - Introduction / background (with specific reference to the project, work done earlier, etc) - about 20 lines
 - Objectives (about 10 lines)


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

46S_MSc_107

- 8) Methodology (about 20 lines on materials, methods, details of work carried out, including drawings, diagrams etc)
- 9) Results and Conclusions (about 20 lines with specific reference to work carried out)
- 10) Scope for future work (about 20 lines).
- e) In case of incompeted projects, the sanctioned amount shall be returned to KSCST.
- f) The sanctioned amount will be transferred by NEFT to the bank account provided by the College/Institute.
- g) The sponsored projects evaluation will be held in the Nodal Centre/Online Mode and the details of the same will be intimated shortly by email / Website announcement.
- h) After completion of the project, soft copy of the project report duly signed by the Principal, the HoD, Guide(s) and student(s) shall be uploaded in the following Google Forms Link <https://forms.gle/YWz56TrGg7fnSQgc7>. The report should be prepared in the format prescribed by the university.

Please visit our website for further announcements / information and for any clarifications please email to spp@kscst.org.in

Thanking you and with best regards,

Yours sincerely,



(U T Vijay)

Copy to:

- 1) The HoD
ORGANIC CHEMISTRY
J.S.S. COLLEGE OF ARTS, COMMERCE AND SCIENCE, MYSURU
- 2) Dr. R. SUHAS
ORGANIC CHEMISTRY
J.S.S. COLLEGE OF ARTS, COMMERCE AND SCIENCE, MYSURU
- 3) THE ACCOUNTS OFFICER
KSCST, BENGALURU

JSS Mahavidyapeetha
JSS College of Arts, Commerce and Science (Autonomous)
Ooty Road, Mysuru - 570 025
Postgraduate Department of Chemistry
M.Sc. IV Semester: List of Dissertation Students & Title: 2021-22

Name of the Guide: Dr. L. MALLESHA

Sl. No.	Register number	Name of the Student	Title of the Dissertation
1	JCH20006	BHARATH RAJ M N	Synthesis and antibacterial activity of n-(2-methyl-5-nitrophenyl)-4-(pyridin-3-yl)pyrimidin-2-amine metal complexes
2	JCH20018	KARISHMA A M	Synthesis and biological activity of capecitabine metal complexes
3	JCH20021	LOKESHA	Synthesis and antibacterial activity of N-(2-methyl-5-nitrophenyl)-4-(pyridin-3-yl)pyrimidin-2-amine metal complexes
4	JCH20024	MOUNA N K	Synthesis and antibacterial activity of n-(2-methyl-5-nitrophenyl)-4-(pyridin-3-yl)pyrimidin-2-amine metal complexes
5	JCH20037	RAKSHITHA M	Synthesis, characterisation and molecular docking studies of imine metal complexes
6	JCH20050	SHWETHA K V	Synthesis and biological activity of lansoprazole metal complexes
7	JCH20053	SOUJANYA	Molecular docking studies of schiff base metal complexes and characterization
8	JCH20059	SUSHMITHA P	Synthesis and characterisation of metal complexes derived from Schiff base ligand
9	JCH20066	UJWALA K O	Synthesis and characterisation of metal complexes derived from Schiff base ligand
10	JCH20067	VEEKSHA B C	Synthesis and biological activity of capecitabine metal complexes
11	JCH20069	YAMUNA M	Synthesis and biological activity of capecitabine metal complexes

Guide Name: Dr. N. RAJENDRAPRASAD

Sl. No.	Register	Name of the Student	Title of the Dissertation
1	JCH20002	ANUSHA B S	Conductometric and potentiometric determination of dosulepin hydrochloride in pharmaceuticals
2	JCH20011	BHOOMIKA S KASHYAP	Spectrophotometric and ion exchange chromatographic methods for the removal of tartrazine from aqueous samples
3	JCH20019	KEERTHANA D	Potentiometric and Conductometric determination of Dosulepin hydrochloride in pharmaceuticals
4	JCH20023	MEGHANA S RAJ	Spectrophotometric and ion exchange chromatographic methods for the removal of tartrazine from aqueous samples
5	JCH20030	PALLAVI B	Novel analytical methods for the quantification of anti-cancer drug flutamide by mobile colorimetry and potentiometric techniques
6	JCH20034	PALLAVI G	Spectrophotometric and ion-exchange chromatographic methods for removal of crystal violet from water samples
7	JCH20033	POOJA T L	Novel analytical methods for the quantification of anti-cancer drug flutamide by mobile colorimetry and potentiometric techniques
8	JCH20043	SAHANA D R	Direct potentiometric methods for determination of Rupatadine fumarate in pharmaceuticals
9	JCH20049	SHIVAKUMAR C M	Potentiometric and spectrophotometric methods for determination of fexofenadine hydrochloride in pharmaceuticals
10	JCH20056	SUNITHA S S	Spectrophotometric and Ion-Exchange Chromatographic Methods for Removal of Crystal Violet from Water Samples
11	JCH20058	SUSHMITHA M S	Potentiometric and spectrophotometric methods for determination of fexofenadine hydrochloride in pharmaceuticals

Name of the Guide: Dr. R. SUHAS

Sl. No.	Register number	Name of the Student	Title of the Dissertation
1	JCH20008	BHAVANI H V	Synthesis of pyrazoline bridged arginine derivatives
2	JCH20016	HARSHITHA T	Synthesis Of Pyrazolines Containing Dinitro Benzoyl Moiety
3	JCH20022	MALLIKARJUNA N	Synthesis of bis-pyrazolines having pyridine pendant
4	JCH20025	NAYANAMAHESHWARI Y N	Synthesis of bis-pyrazolines having pyridine pendant
5	JCH20029	NIVEDITHA S	Synthesis of pyrazolines containing dinitro benzoyl moiety
6	JCH20036	PUSHPALATHA P	"Synthesis of Pyrazolines Containing Dinitro Benzoyl Moiety"
7	JCH20038	ROHINI R	Synthesis of bis-pyrazolines having pyridine pendant
8	JCH20045	SANJAY S R	Synthesis of Pyrazoline Bridged Arginine Derivatives
9	JCH20054	SOUNDARYA H J	Synthesis of pyrazoline bridged arginine derivatives
10	JCH20060	SWARNA A U	Synthesis of pyrazoline bridged arginine derivatives
11	JCH20064	THYAGARAJ R G	Synthesis of pyrazolines connected to N-phenyl anthranilic acid

Name of the Guide: Dr. MALLIKARJUNASWAMY C.

Sl. No.	Register number	Name of the Student	Title of the Dissertation
1	JCH20003	ANUSHAGOWDA	Facile green synthesis of CuO nanoparticles and evolution of their photodegradation of organic dye and antimicrobial studies
2	JCH20007	BHAVANA K V	Facile green synthesis of NiO nanoparticles and evolution of their photocatalytic and antimicrobial studies
3	JCH20013	CHANDANA R	Facile green synthesis of CuO nanoparticles and evolution of their photodegradation of organic dye and antimicrobial studies
4	JCH20032	POOJA S	Facile green synthesis of CuO nanoparticles and evolution of their photodegradation of organic dye and antimicrobial studies
5	JCH20034	PRAKRUTHI H R	Facile green synthesis of NiO nano particles and evolution of their photocatalytic and antimicrobial activity
6	JCH20051	SINCHANA M R	Facile green synthesis of NiO nanoparticles and evolution of their photocatalytic and antimicrobial activity
7	JCH20063	TEJASWINI M C	Facile synthesis, characterization and applications of MoO ₃ nanoparticles
8	JCH20068	VEERENDRA SHETTY A	Facile synthesis, characterization and applications of MoO ₃ nanoparticles

Sl. No.	Register number	Name of the Student	Title of the Dissertation
1	JCH20005	ANVITHA DEVANOR	Synthesis and characterization of PVA/Na-ZrO nanocomposites for optical and biological study
2	JCH20012	BIKSHESH D S	Synthesis and characterization of PVA/Ba-ZnO nanocomposites for optical and biological study
3	JCH20015	DUSHYANTHA S M	Synthesis and characterization of PVA/Barium-Zinc Oxide nanocomposites for optical and biological study
4	JCH20035	PRATHEEKSH A M	Synthesis and characterization of PVA/Ba-ZnO nanocomposites for optical and biological study
5	JCH20052	SNEHA C S	Synthesis and characterization of PVA/Na-ZrO nanocomposites for optical and biological study

6	JCH20057	SURAJ URS B S	Synthesis and characterization of PVA/Na-ZrO nanocomposites for optical biological study
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Name of the Guide: KAVYA H. V.

Name of the Guide: Dr. Mahadevaswamy M.

Sl. No.	Register number	Name of the Student	Title of the Dissertation
1	JCH20004	ANUSHA H N	Green synthesis of zirconium dioxide nanoparticle: Characterization and its applications
2	JCH20010	BHOOMIKA E	Green synthesis of zirconium dioxide nanoparticle: Characterization and its applications
3	JCH20017	K CHETANKUMAR	Green synthesis of zirconium dioxide nanoparticle: Characterization and its applications
4	JCH20047	SHARATH J S	Green synthesis of Molybdenum oxide nanoparticle: Characterization and its applications
5	JCH20039	ROHITH G	Green synthesis of Molybdenum oxide nanoparticle: Characterization and its applications
6	JCH20048	SHASHANK P	Green synthesis of Molybdenum oxide nanoparticle: Characterization and its applications
7	JCH20055	SUMATHI D P	Green synthesis of Vanadium oxide nanoparticle: Characterization and its applications
8	JCH20065	UDAY SHANKAR M U	Green synthesis of Vanadium oxide nanoparticle: Characterization and its applications

Name of the Guide: Dr. N. Vijendra Kumar

Sl. No.	Register number	Name of the Student	Title of the Dissertation
1	JCH20001	ANUPAMA S P	Synthesis and antibacterial activity of 1,4-benzodioxane-2-carboxylic acid derivatives
2	JCH20026	NISCHITHA L G	Synthesis and antibacterial activity of 1,4-benzodioxane-2-carboxylic acid derivatives
3	JCH20028	NITHIN M M	Synthesis and antibacterial activity of 1,4-benzodioxane-2-carboxylic acid derivatives
4	JCH20040	ROOPASHREE P	Synthesis and antibacterial activity of 1,4-benzodioxane-2-carboxylic acid derivatives
5	JCH20042	SACHIN S	Synthesis and antibacterial activity of 1,4-benzodioxane-2-carboxylic acid derivatives
6	JCH20044	SAHANA K V	Synthesis and antibacterial activity of 1,4-benzodioxane-2-carboxylic acid derivatives
7	JCH20061	SWATHI P	Synthesis and antibacterial activity of 1,4-benzodioxane-2-carboxylic acid derivatives
8	JCH20062	TEJAS GOWDA N	Synthesis and antibacterial activity of 1,4-benzodioxane-2-carboxylic acid derivatives

Name of the Guide: Dr. S. Pramila

Sl. No.	Register number	Name of the Student	Title of the Dissertation
1	JCH20009	BHEEMARAJU H	Facile green synthesis of BiVO_4 nanoparticles and evaluation of photocatalytic activity
2	JCH20046	SHANTHALA A P	Facile green synthesis of BiVO_4 nanoparticles and evaluation of their photocatalytic activity

JSS Mahavidyapeetha
JSS College of Arts, Commerce and Science (Autonomous),
Ooty Road, Mysuru – 570 025

Postgraduate Department of Chemistry

List of IV Semester Dissertation: 2020-21

Sl. No.	Register No.	Name of the Student	Guide	Title of the Seminar
1	JCH19001	AKANTHESHWARI M V	RS	Synthesis and pharmacological evaluation of some substituted imidazoles
2	JCH19002	AMRUTH HD GOWDA	MKS	Green Synthesis of Flower-Like BiVO ₄ Nanoparticles by Solution Combustion Method Using Lemon (Citrus Limon) Juice as a Fuel: Photocatalytic and Electrochemical Study
3	JCH19003	AMRUTHA M	NYK	Expedient Parallel Synthesis of 2-Amino-4-heteroarylpyrimidines
4	JCH19004	ARVIND	LM	Synthesis of some novel 1,2,4-triazole derivatives as potential antimicrobial agents
5	JCH19009	BINDU S U	NRP	A Cobalt-Nickel metal alloy thin film sensor for hydrogen phosphate ion
6	JCH19006	BASAVARAJU B M	MDS	Green synthesis of iron oxide nanoparticles using carica papaya leaf extract application for photocatalytic degradation of remazol yellow RR dye and antibacterial activity
7	JCH19005	ASHWATH U L	LM	Synthesis, characterization and antimicrobial studies of certain 1,2,4-triazole derivatives
8	JCH19007	BHARATH S	SP	Sunlight-induced photocatalytic performance of Bi ₂ WO ₆ hierarchical microspheres synthesized via a relatively green hydrothermal route
9	JCH19008	BHAVANI H S	RS	Synthesis, analgesic and anti-inflammatory activities of bis(indolyl)methanes
10	JCH19012	CHETHANA S	NRP	Colorimetric Detection of Salicylic Acid in Aspirin Using MIL-53(Fe) Nanozyme
11	JCH19010	CHANDAN S	RS	Synthesis, antimicrobial and antiviral evaluation of substituted imidazole derivatives
12	JCH19013	DURGA SHREE D S	MDS	Advances in green synthesis of nanoparticles
13	JCH19014	GIRISHA N	LM	Green synthesis, characterization and antimicrobial activity of Au NPs using Euphorbia hirta L. leaf extract
14	JCH19015	HARSHITHA G	HYK	Optical parameters, electrical permittivity and I-V characteristics of PVA/Cs ₂ CuO ₂ nanocomposite films for opto-electronic applications
15	JCH19021	KRUPA G M	NRP	Development of a HILIC-MS/MS method for the quantification of histamine and its main metabolites in human urine samples

16	JCH19011	CHERRI A APPAJI	RS	Design and synthesis of acylated 1,2,4-triazole-3-acetates with potential anti-inflammatory activity
17	JCH19018	KAVYASHREE M S	LM	Synthesis of New Bis-Schiff bases via environmentally benign grindstone technique
18	JCH19020	KOKILA G N	MKS	Solar Light Irradiated Photocatalytic Activity of ZnO-NiO/rGO Nanocatalyst
19	JCH19026	MANASA N	NRP	Electrochemical detection of organophosphorus pesticides based on amino acids conjugated P3TAA modified electrodes
20	JCH19022	LINGARAJ V	HVK	Spectroscopic, thermal, and electrical properties of MgO/polyvinyl pyrrolidone/ polyvinyl alcohol nanocomposites
21	JCH19042	RAKSHITHA Y R	RS	Synthesis and biological evaluation of some <i>N</i> -substituted indoles
22	JCH19019	KAVYASHREE S	LM	Green preparation and structure elucidation of spiro indole derivatives using grindstone technique
23	JCH19023	MADHUSHREE B	MKS	Bio-inspired synthesis of flower shaped iron oxide nanoparticles (FeONPs) using phytochemicals of <i>Solanum lycopersicum</i> leaf extract for biomedical applications
24	JCH19024	MAHADEVAPRASAD P	MDS	In situ deposition of NiO nano particles on cotton fabric using sol-gel method-photocatalytic activation properties
25	JCH19029	MANOJKUMAR S K	NRP	Eco-friendly analytical methods for the determination of compounds with disparate spectral overlapping: application to antiviral formulation of sofosbuvir and velpatasvir
26	JCH19043	RAMYA B J	RS	Synthesis, anti-inflammatory and antimicrobial activities of new 1,2,4-oxadiazoles peptidomimetics
27	JCH19017	KAVYA D K	MDS	Synthesis and photoluminescence of ZnS: Cu nanoparticles
28	JCH19027	MANJUNATH YANGUNTI	LM	Preparation of Schiff base of 1, 2, 4-Triazole-4-amine with 3-Nitrobenzaldehyde, Its Complexation with Cu (II) and Zn (II) and Antimicrobial Activity of Complexes
29	JCH19028	MANJUPRASAD M N	NVK	Synthesis of novel Schiff base analogues of 4-amino-1,5-dimethyl-2- phenylpyrazol-3-one and their evaluation for antioxidant and anti-inflammatory activity
30	JCH19031	MEGHANA C R	NRP	A portable optical colorimetric sensor for the determination of promethazine in lean cocktail and pharmaceutical doses
31	JCH19050	SAGAR NEELI	RS	Synthesis, characterization and antimicrobial studies of transition metal complexes of imidazole derivative
32	JCH19016	JOTHIMANI D	SP	BiVO ₄ nanoparticles: Preparation, characterization and photocatalytic activity
33	JCH19025	MAHESH S	MKS	Green synthesis of ZnO nanoparticles using <i>Solanum nigrum</i> leaf extract and their antibacterial activity
34	JCH19037	PRASAD M SHIRALKAR	LM	Biosynthesis of silver nanoparticles using <i>Capparis spinosa</i> L. leaf extract and their antibacterial activity
35	JCH19040	PURUSHOTHAM H M	NRP	A Green Potentiometric Application for Selective

				Monitoring of Doxylamine Succinate Dissolution Profile in Combined Dosage Form
36	JCH19056	SHARAVANA P	RS	Antidiabetic property of spirulina
37	JCH19036	PRAGATHI K	SP	Green, Nonchemical Route for the Synthesis of ZnO Superstructures, Evaluation of Its Applications toward Photocatalysis, Photoluminescence, and Biosensing
38	JCH19038	PRIYA D P	MDS	Synthesis of nano particles by green synthesis method
39	JCH19039	PRIYANKA R	LM	Green chemistry approach in synthesis of 3,4-dihydropyrimidinone derivatives under solvent-free conditions
40	JCH19041	RAJATH S	NRP	Highly selective calorimetric and Fluoresnt chemosensor for CN-Based on metabisulfite on CN-Oxolide.
41	JCH19032	NEERAJ NANAIAH K N	NRP	Development of Colorimetric Sensor Array for Instant Determination of Sodium Metabisulfite in Dried Longan
42	JCH19059	SURESH Y	RS	Evaluation of anti-inflammatory effect of synthetic 1,5-bis(4-acetoxy-3-methoxyphenyl)-1,4-pentadien-3-one, HB2
43	JCH19046	RANJITHA R	MDS	Solvothermal synthesis and properties control of doped ZnO nanoparticles
44	JCH19047	RAVI C J	MKS	Eco-friendly and Green synthesis of BiVO ₄ nanoparticle using microwave irradiation as photocatalyst for the degradation of Alizarin Red S
45	JCH19048	RESHMA T R	LM	One pot synthesis of pyrimidine-5-carbonitrile and pyrimidine-5-carboxamide using ammonium chloride under solvent free condition
46	JCH19035	POOJASHREE S	SP	Facile synthesis of ZnFe ₂ O ₄ photocatalysts for decolourization of organic dyes under solar irradiation
47	JCH19049	ROOPASHREE H R	MKS	La ₂ MnTiO ₆ double perovskite nanostructures as highly efficient visible light photocatalysts
48	JCH19045	RAMYASHREE D G	MDS	Green synthesis of silver nano particles using azadirachta indica aqueous leaf extract
49	JCH19044	RAMYASHREE	NRP	A new liquid phase microextraction method-based reverse micelle for analysis of dexketoprofen in human plasma by HPLC-DAD
50	JCH19061	VANI G R	RS	Solvent-free microwave-assisted synthesis of oxadiazoles containing imidazole moiety
51	JCH19051	SAHANA G K	LM	Synthesis, antimicrobial activity and molecular modeling study of some new pyrimidine derivatives
52	JCH19030	MEGHANA B N	MKS	Hierarchical CuO/ZnO "corn-like" architecture for photocatalytic hydrogen generation
53	JCH19054	SATHISHA C	LM	Design, synthesis and biological evaluation of heterocyclic methyl substituted pyridine Schiff base transition metal complexes
54	JCH19055	SHANKARI K S	MDS	Encapsulated virgin coconut oil as a nanoscale invitrosolution against multiple drug resistant staphylococcus aureus.
55	JCH19057	SIDDRAM NADIGAR M S	NVK	Synthesis, antitubercular activity, and QSAR analysis of substituted nitroaryl analogs: chalcone, pyrazole, isoxazole, and pyrimidines

56	JCH19060	UDITHUTHAPPA A	NRP	Synthesis of Molecularly Imprinted Polymer and Its Application as Solid-Phase Extraction Sorbent for Ceftriaxime Determination in Human Serum and Urine Samples
57	JCH19063	VIJETHA V	RS	Design and synthesis of 2-methylthio-3-substituted-5,6-dimethylthieno [2,3- <i>d</i>] pyrimidin-4(3 <i>H</i>)-ones as analgesic, anti-inflammatory and anti-bacterial agents
58	JCH19052	G V SAHANA	NVK	Synthesis and antifungal activity of chalcone derivatives
59	JCH19058	SINDHU S	MKS	Structural and electrochemical studies of Scheelite type BiVO ₄ nanoparticles; synthesis by simple hydrothermal method
60	JCH19062	VIDYA G M	LM	Synthesis of Some Salicylaldehyde-Based Schiff Bases in Aqueous Media
61	JCH19033	NIVEDITHA G C	MDS	Measurement of tri biological properties of Cu and Ag blended coconut oil nanofluids for metal cuttings
62	JCH19053	SANDEEP S	MKS	Photodegradation behavior of ZnO nanorods on various types of organic dyes
63	JCH19064	VINDHYASHREE S	RS	Synthesis and biological activities of novel amine-derived bis-azoles as potential antibacterial and antifungal agents
64	JCH19065	YASHASWINI P	NRP	Video colorimetry of single-chromophore systems based on vector analysis in the 3D color space: Unexpected hysteresis loops in oscillating chemical reactions

LM : Dr. L. Mallesha
NRP : Dr. N. Rajendra Prasad
RS : Dr. Suhas R.
MKS : Dr. C. Mallikarjunaswamy

MDS : Dr. MahadevaSwamy M.
NVK : Dr. N. Vijendra Kumar
HVK : H. V. Kavya
SP : S. Pramila

Malle 01/01/21
HEAD OF THE DEPARTMENT
Postgraduate Department of Chemistry
JSS College of Arts, Commerce & Science
(Autonomous)
Ooty Road, Mysore - 25

JSS Mahavidyapeetha
JSS College of Arts, Commerce and Science (Autonomous)
Ooty Road, Mysuru – 570 025
Postgraduate Department of Chemistry
List of Students: M.Sc. IV Semester Dissertation: 2019-20
Name of the Guide: Dr. L. MALLESHA

Sl. No.	Name of the Student	Register number	Title of the Dissertation
1	ANUSHA.K	JCH18003	Green chemistry approach in synthesis of 3,4-dihydropyrimidinone
2	DIVYA.N	JCH18010	One pot synthesis of pyrimidine-5-carbonitrile and pyrimidine-5-carboxamide using ammonium chloride under solvent free condition
3	GURUPRASAD.S	JCH18013	Synthesis, antimicrobial activity and molecular modeling study of some new pyrimidine derivatives
4	HARSHITHASHREE.A.S	JCH18014	Design, synthesis and antimicrobial evaluation of pyrimidin-2-ol/thiol/amine analogues
5	JAHNAVLS.N	JCH18018	Synthesis of some novel triazole derivatives as schiff bases and their antimicrobial evaluation
6	JARUSHA.W	JCH18019	Synthesis and biological evaluation of some new Schiff base 1,2,4-triazole derivatives
7	KIRTHANA.K	JCH18024	Synthesis and medicinal use of Metal complexes of Schiff Bases
8	NAVYASHREE.H.D	JCH18030	Green preparation and structure elucidation of spiro indole derivatives using grindstone technique
9	RASHMI.B	JCH18045	A novel colorimetric detection probe for copper(II) ions based on a Schiff base
10	ROSHAN KUMAR.P.C	JCH18046	Colorimetric Detection of Copper in Water Samples Using Dopamine Dithiocarbamate Functionalized Au Nanoparticles
11	SUPRIYA.S.J	JCH18057	Microwave assisted synthesis of pyrimido[4,5-d]pyrimidine derivatives in dry media
12	SWATHI.A.E	JCH18058	Synthesis of Some Salicylaldehyde-Based Schiff Bases in Aqueous Media
13	VEENA RAMESHA HEGDE	JCH18063	Biosynthesis of silver nanoparticles using Capparis spinosa L. leaf extract and their antibacterial activity
14	VIDYASHREE.B	JCH18064	Green Synthesis and Characterization of Silver Nanoparticles Using Red Apple (Malus domestica) Fruit Extract at Room Temperature

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Postgraduate Department of Chemistry
List of Students: M.Sc. IV Semester Dissertation: 2019-20
Guide Name: Dr. N. RAJENDRAPRASAD

Sl. No.	Name of the Student	Register number	Title of the Dissertation
1	CHANDANA.K.M	JCH18006	Stability indicating ultraviolet spectrophotometric assay of felodipine in pharmaceuticals and spiked human urine
2	DEEKSHA.M	JCH18007	Direct stability indicating uv and indirect oxidation based visible spectrophotometric assay of enrofloxacin in pharmaceuticals
3	DIVYASHREE.C.M	JCH18011	Simple UV and extraction free visible spectrophotometric methods for determination of donepezil hydrochloride in pharmaceuticals
4	DIVYATHA.L	JCH18012	Acid base titrimetric assay of fexofenadine hydrochloride in pharmaceuticals in hydro-alcoholic medium
5	HARSHITHA.N	JCH18016	Non Aqueous, Two- Phase Titrimetric And Visible Spectrophotometric Quantification Of Rupatidine Fumarate In Pharmaceuticals
6	JYOTHI.G.R	JCH18020	Two-Phase and Extraction Free Spectrophotometric Quantification of Fexofenadine Hydrochloride in Pharmaceuticals
7	KEERTHANA.M.S	JCH18023	Two-Phase and Extraction Free Spectrophotometric Quantification of Fexofenadine Hydrochloride in Pharmaceuticals
8	NAVYASHREE D	JCH18029	UV and visible spectrophotometric assay of piroxicam in pharmaceuticals
9	POOJA K.	JCH18037	UV and visible spectrophotometric assay of piroxicam in pharmaceuticals
10	PRADEEP.B	JCH18039	Simple UV and Visible spectrophotometric methods for determination of Donepezil Hydrochloride in pharmaceuticals
11	SHARANABASAVA	JCH18050	Non Aqueous, Two- Phase Titrimetric And Visible Spectrophotometric Quantification Of Rupatidine Fumarate In Pharmaceuticals
12	SHILPA.B.M	JCH18052	Two-Phase and Extraction Free Spectrophotometric Quantification of Fexofenadine Hydrochloride in Pharmaceuticals
13	SPANDANA KULKARNI	JCH18055	Conductometric and potentiometric determination of dosulepin hydrochloride in pharmaceuticals
14	THEJASWINI BM	JCH18061	Spectrophotometric and ion exchange chromatographic methods for the removal of tartrazine from aqueous

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List of Students: M.Sc. IV Semester Dissertation 2019-20
Name of the Guide: Dr. R. SUHAS

Sl. No.	Name of the Student	Register number	Title of the Dissertation
1	DILEEP.D.N	JCH18009	Synthesis of imines containing pyrimidine nucleus of pharmaceutical importance
2	HARSHITHA.J.R	JCH18015	<i>n</i> -Benzylidenes of 4-nitro aniline: synthesis of biologically active compounds
3	KAVERAMMA.M.A	JCH18021	Synthesis of substituted 2-nitro phenyl imines for medical applications
4	MAHESH.H.R	JCH18026	Benzylidenes of 1,2,4-triazole with biological applications
5	MANJUNATH.R	JCH18028	<i>n</i> -Benzylidenes of 4-nitro aniline: synthesis of biologically active compounds
6	NISARGA.C	JCH18033	Aryl substituted <i>p</i> -tolyl imines: synthesis of medicinally important compounds
7	NIVEDITHA.M.P	JCH18034	Synthesis of imines of 4-chloro-3-methyl pyrimidines with pharmaceutical applications
8	PAVITHRA.M.P	JCH18035	Synthesis of imines based on 4-nitro aniline of biological significance
9	POOJA B.	JCH18036	Synthesis of substituted triazole-benzylidenes of biological importance
10	POOJA. K. G.	JCH18038	Synthesis of substituted <i>n</i> -benzylidene 2-nitro anilines for medicinal applications
11	RAKSHITHA.K	JCH18044	Conjugation of boc-amino acids with amino triazole having medicinal properties
12	SAHANA.H.B	JCH18047	Conjugation of boc-amino acids with amino triazole having medicinal properties
13	SOWMYA SHREE.H.S	JCH18054	Synthesis of <i>p</i> -tolyl imines from substituted benzaldehydes for biological activity
14	SWATHI.C.C	JCH18060	Synthesis of imines based on 4-nitro aniline of biological significance

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List of Students: M.Sc. IV Semester Dissertation 2019-20
Name of the Guide: Dr. MALLIKARJUNASWAMY C.

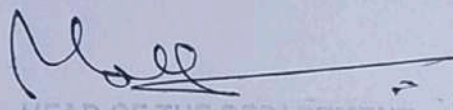
Sl. No.	Name of the Student	Register number	Title of the Dissertation
1	AMRUTH.K.P	JCH18001	Facile green synthesis of cuo nanoparticles and evolution of their photodegradation of organic dye and antimicrobial studies
2	ANUDEEP.B.H	JCH18002	Facile green synthesis of nio nanoparticles and evolution of their photocatalytic and antimicrobial
3	DEEPAK.S.M JAGADISH P	JCH18008	Facile microwave Synthesis of Zno nanoparticles using Indian bael as a fuel and their photodegradative, antibacterial and antioxidant
4		JCH18017	A Green and cost-effective approach for the synthesis of Zinc Ferrite Nanocomposites using Aegle Marmelos juice as a fuel: catalytic and
5	LIKITHA.M.R	JCH18025	Facile green synthesis of cuo nanoparticles and evolution of their photodegradation of organic dye and antimicrobial studies
6	MANJU P	JCH18027	Facile green synthesis of CuO nanoparticles and evolution of their photodegradation of organic dye and antimicrobial studies
7	NIKHIL.A.C	JCH18032	Facile green synthesis of Nio nano particles and evolution of their photocatalytic and antimicrobial activity
8	PRASHANTH HALVI	JCH18042	Facile green synthesis of nio nanoparticles and evolution of their photocatalytic and antimicrobial activity
9	SAHANA.Y.N	JCH18048	Facile green synthesis of cuo nanoparticles and evolution of their photodegradation of organic dye and antimicrobial studies
10	SANJU N. B.	JCH18049	Facile green synthesis of nio nanoparticles and evolution of their photocatalytic and
11	SIDDESH.P.B	JCH18053	Facile synthesis, characterization and applications of MoO ₃ nanoparticles.
12	THEERTHESHA. C.S	JCH18062	Facile synthesis, characterization and applications of MoO ₃ nanoparticles
13	YASHASWINI.H .C	JCH18065	Facile microwave synthesis of zno nanoparticles using Indian bael as a fuel and their photodegradation, antibacterial and antioxidant

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List of Students: M.Sc. IV Semester Dissertation 2019-20
Name of the Guide: KAVYA H. V.

Sl. No.	Name of the Student	Register number	Title of the Dissertation
1	ANUSHA.K.B	JCH18004	Synthesis and characterization of PVA/ Na-ZrO nanocomposites for optical and biological study
2	ARUN KUMAR S	JCH18005	Synthesis and characterization of PVA/Ba-ZnO nanocomposites for optical and biological study
3	PRAKRUTHI.M	JCH18040	Synthesis and characterization of pvc/co nanocomposite films
4	PRAMOD SHIRALKAR	JCH18041	Synthesis and Characterization of PC/Co nanocomposite films
5	SHASHIDHAR NAIDU.J	JCH18051	Synthesis and Characterization of PVP-PVA/ Fe ₂ O ₃ nanocomposite films.
6	SUMANTH.D.C.	JCH18056	Synthesis and characterization of PVA/ Na-ZrO nanocomposites for optical and biological study

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List of Students: M.Sc. IV Semester Dissertation 2019-20
Name of the Guide: Dr. Mahadevaswamy M.

Sl. No.	Name of the Student	Register number	Title of the Dissertation
1	KAVYA.N.H	JCH18022	Green synthesis of zirconium dioxide nanoparticle: Characterization and its applications
2	NIHARIKA.P	JCH18031	Green synthesis of zirconium dioxide nanoparticle: Characterization and its applications


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Postgraduate Department of Chemistry
M.Sc. IV Semester: List of Dissertation Students & Title: 2018-19

Name of the Guide: Dr. L. MAILESHA

Sl. No.	Register number	Name of the Student	Title of the Dissertation
1	ACHUTHA N	JCH17001	Synthesis, characterization and antibacterial activity of 2-nitro aniline derivatives
2	BHAVYA	JCH17008	Synthesis of Gold nano-particles using Turmeric
3	ETI.CHETAN KUMAR	JCH17016	Antibacterial activity of 2-nitrobenzenamine derivatives: Synthesis and characterization
4	BHOOMIKA K R	JCH17010	Synthesis, characterization and antimicrobial activity of 4-fluoroaniline derivatives
5	MEGHA CHANDRASHE	JCH17036	Synthesis and antibacterial activity of 2-amino-4-chloro-6-methyl pyrimidine derivatives
6	NANDINI .B.L	JCH17039	Synthesis of schiff bases and their biological evaluation
7	GIRISHA P	CH17017	Synthesis, characterization and antibacterial activity of 2-nitro aniline derivatives
8	KAVYA D.C.	JCH17025	Green synthesis and biological activity of silver nanoparticles using turmeric powder
9	MADALAMBIK A H.M.	JCH17030	Synthesis and biological activity of 4-amino-4h-1,2,4-triazole derivatives
10	MAMATHA K N	JCH17032	Synthesis and biological activity of 4-amino-4h-1,2,4-triazole derivatives
11	MANU B.J	JCH17034	Synthesis and antibacterial activity of 2-amino-4-chloro-6-methyl pyrimidine derivatives
12	MEGHA K.S	JCH17037	Synthesis and biological activity of 4-amino-4h-1,2,4-triazole derivatives
13	PRASHASTHI. Y.S	JCH17042	Synthesis and antibacterial activity of schiff bases of 4-nitrobenzamide derivatives
14	PRIYANKA BR	JCH17043	Synthesis and biological activity of 4-amino-4h-1,2,4 triazole derivatives
15	KAVYA B N	JCH17024	Synthesis of Zinc nano-particles using Turmeric powder and their antibacterial activity
16	RASHMI NR	JCH17046	Synthesis and biological activity of 4-amino-4h-1,2,4-triazole derivatives
17	SINDHU P	JCH17055	Synthesis and antibacterial activity of 2-amino-4-chloro-6-methyl pyrimidine derivatives
18	SPURTHI H M	JCH17059	Synthesis and antibacterial activity of Schiff bases of 4-nitrobenzamide derivatives
19	SUHAS S	JCH17060	Synthesis, characterization and antibacterial activity of 2-nitro aniline derivatives

Sl. No.	Name of the Student	Register number	Title of the Dissertation
1	SINDHU R M	JCH17056	Non Aqueous, Two- Phase Titrimetric And Visible Spectrophotometric Quantification Of Rupatidine Fumarate In Pharmaceuticals
2	DARSHINI Y G	JCH17013	Stability indicating ultraviolet spectrophotometric assay of felodipine in pharmaceuticals and spiked human urine
3	HARISH.S.P	JCH17018	Two-Phase and Extraction Free Spectrophotometric Quantification of Fexofenadine Hydrochloride in Pharmaceuticals
4	JAMES STEPHEN S	JCH17023	UV and visible spectrophotometric assay of piroxicam in pharmaceuticals
5	KIRAN K R	JCH17027	UV and visible spectrophotometric assay of piroxicam in pharmaceuticals
6	MEDHA MADHUKESHWAR NAGAMANI S N	JCH17035	Simple UV and Visible spectrophotometric methods for determination of Donepezil Hydrochloride in
7		JCH17038	Direct stability indicating uv and indirect oxidation based visible spectrophotometric assay of enrofloxacin in pharmaceuticals
8	POORNIMA B S	JCH17040	Acid – base titrimetric assay of fexofenadine hydrochloride in pharmaceuticals in hydro-alcoholic medium
9	PRIYANKA H U	JCH17044	Stability indicating ultraviolet spectrophotometric assay of felodipine in pharmaceuticals and spiked human urine
10	RESHMA K L	JCH17048	Direct stability indicating uv and indirect oxidation based visible spectrophotometric assay of enrofloxacin in pharmaceuticals
11	ROOPA S	JCH17049	Simple UV and extraction free visible spectrophotometric methods for determination of donepezil hydrochloride in pharmaceuticals
12	SHWETHA S M	JCH17054	Acid base titrimetric assay of fexofenadine hydrochloride in pharmaceuticals in hydro-alcoholic medium
13	SINDHU R M	JCH17056	Non Aqueous, Two- Phase Titrimetric And Visible Spectrophotometric Quantification Of Rupatidine Fumarate In Pharmaceuticals
14	VANISHREE.R.S	JCH17065	Two-Phase and Extraction Free Spectrophotometric Quantification of Fexofenadine Hydrochloride in Pharmaceuticals

Name of the Guide: Dr. R. SUHAS

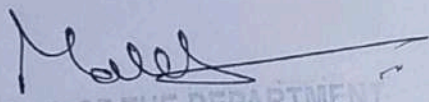
Sl. No.	Name of the Student	Register number	Title of the Dissertation
1	KIRAN BM	JCH17026	Synthesis of imines based on 4-nitro aniline of biological significance
2	APSARA MALLESHU	JCH17004	Synthesis of substituted triazole-benzylidenes of biological importance
3	BHOOMIKA	JCH17009	Synthesis of substituted <i>n</i> -benzylidene 2-nitro anilines for medicinal applications
4	DEEPA H M	JCH17015	Conjugation of boc-amino acids with amino triazole having medicinal properties
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6	HARSHITHA M	JCH17019	Synthesis of <i>p</i> -tolyl imines from substituted benzaldehydes for biological activity
7	HEMALATHA D H	JCH17021	Synthesis of imines containing pyrimidine nucleus of pharmaceutical importance
8	HITHASHREE B G	JCH17022	<i>n</i> -Benzylidenes of 4-nitro aniline: synthesis of biologically active compounds
9	RAJESH D P	JCH17045	Synthesis of substituted 2-nitro phenyl imines for medical applications
10	SOUNDARYA.S	JCH17057	Benzylidenes of 1,2,4-triazole with biological applications
11	SOWMYA R	JCH17058	<i>n</i> -Benzylidenes of 4-nitro aniline: synthesis of biologically active compounds
12	SUNIL KUMAR B M	JCH17061	Aryl substituted <i>p</i> -tolyl imines: synthesis of medicinally important compounds
13	SUSHMITHA K R	JCH17062	Synthesis of imines of 4-chloro-3-methyl pyrimidines with pharmaceutical applications
14	TEJASWINI S P	JCH17063	Imines of 4-nitro aniline: synthesis of biologically significant compounds

Name of the Guide: Dr. C. MALLIKARJUNASWAMY

Sl. No.	Register number	Name of the Student	Title of the Dissertation
1	JCH17002	ANUPAMA.R	Facile microwave synthesis of zno nanoparticles using indian bael as a fuel and their photodegradation, antibacterial and antioxidant activities
2	JCH17003	ANUSHREE.G	Facile microwave synthesis of zno nanoparticles using Indian bael as a fuel and their photodegradation, antibacterial and antioxidant activities
3	JCH17007	ASHARANI. N.	Facile microwave Synthesis of Zno nanoparticles using Indian bael as a fuel and their photodegradative, antibacterial and antioxidant activities
4	JCH17014	DEEPA DARSHINI A	A Green and cost-effective approach for the synthesis of Zinc Ferrite Nanocomposites using Aegle Marmelos juice a fuel: catalytic and microbial applications

Name of the Guide: KAVYA H. V.

Sl. No.	Register number	Name of the Student	Title of the Dissertation
1	JCH17051	SHIVAPRASAD S	Synthesis and Characterization of Co/PC nanocomposite films
2	JCH17011	Bindushree.K.N.	Synthesis and characterization of pe/co nanocomposite films
3	JCH17041	PRAJWALREDDY	Synthesis and Characterization of PC/Co nanocomposite films
4	JCH17047	Rashmi R M	Synthesis and Characterization of PVP-PVA\ cazro ₃ nanocomposite films.


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CERTIFICATE

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

Place: Mysuru

Date: 11-09-20

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Place: Mysuru

Date: 10/09/2020

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CERTIFICATE

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

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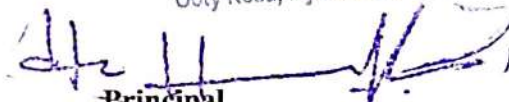
This is to certify that **Anusha.K.B (Reg No: JCH18004)** has successfully completed the project work entitled "**Review on Synthesis of Nanoparticles**" carried out in the partial fulfillment for the award of **Master Of Science(M.Sc) in Chemistry** of **JSS College of Arts, Commerce and Science** affiliated 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:


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Postgraduate Department of Chemistry
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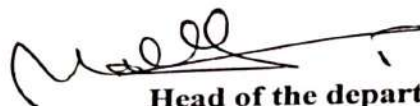
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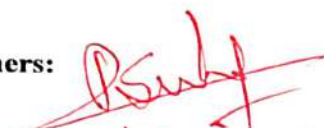

This is to certify that Arun Kumar S (Reg No: JCH18005) has successfully completed the project work entitled " Review on optical properties of polymer nanocomposites carried out in the partial fulfillment for the award of Master Of Science(M.Sc) in Chemistry of JSS College of Arts, Commerce and Science 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.

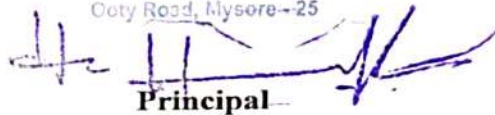

Signature of guide


Head of the department

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Examiners:



H.V.


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

Place: Mysore

Date: 14/09/2020


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CERTIFICATE

This is to certify that the dissertation entitled "A REVIEW OF 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

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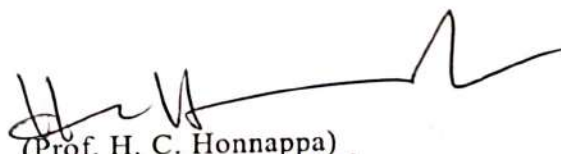


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This is to certify that the project work entitled "QUINAZOLINONES WITH DIVERSE BIOLOGICAL APPLICATIONS – A QUICK REVIEW" submitted by Dileep D. N. is based on the investigations carried out by him under the guidance of Dr R. Suhas, Postgraduate Department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


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

Place: Mysuru

Date: 14/09/20

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CERTIFICATE

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

Place: Mysore

Date: 14-09-2020


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Place: Mysore

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Place: Mysuru

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Place: Mysuru
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CERTIFICATE

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


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Place: Mysuru

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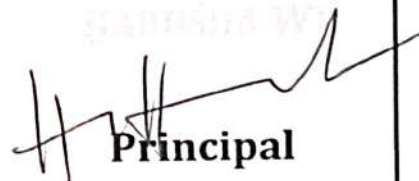
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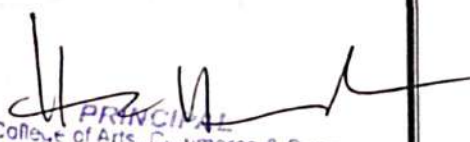
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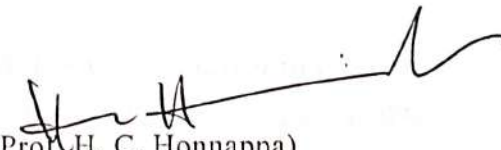
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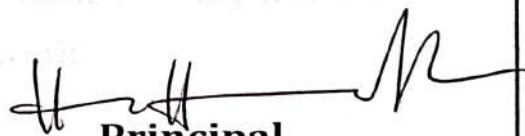
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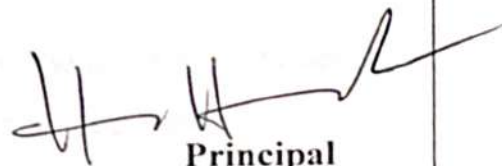
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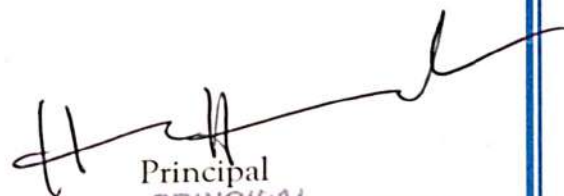
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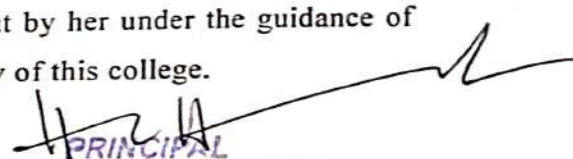
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This is to certify that the project work entitled "QUINAZOLINONES WITH DIVERSE BIOLOGICAL APPLICATIONS – A QUICK REVIEW" submitted by Nisarga C is based on the investigations carried out by her under the guidance of Dr R. Suhas, Postgraduate Department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


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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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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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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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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.

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Date: 16/09/2020

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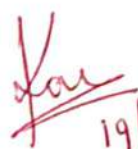
This is to certify that Prakruthi M (Reg No: JCH18040) has successfully completed the project work entitled " Review on optical properties of polymer nanocomposites carried out in the partial fulfillment for the award of Master Of Science(M.Sc) in Chemistry of JSS College of Arts, Commerce and Science 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.

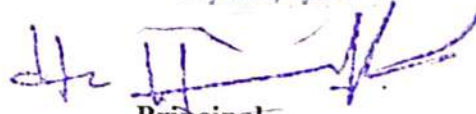
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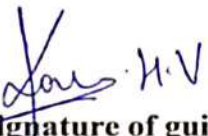
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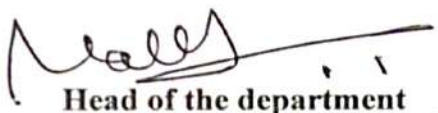
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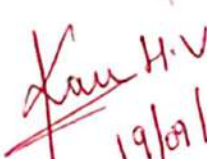
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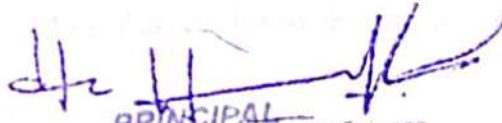
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This is to certify that the dissertation entitled '*A review on importance, synthesis and applications of Nanomaterials*' submitted to the JSS College of Arts, Commerce and Science by Mr. PRASANTH HALVI under the guidance of Dr. Mallikarjunaswamy C,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


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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.

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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.

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This is to certify that the dissertation entitled **"A NOVEL COLORIMETRIC DETECTION PROBE FOR CHROMIUM(II) IONS BASED ON PIPERAZINE DERIVATIVES"** submitted to the JSS College of Arts, Commerce and Science by **ROSHAN KUMAR P C** under the guidance of **Dr. L. MALLESHA**, for the partial fulfillment of the requirement of the award of the degree of Master of Science in Chemistry during the year 2019-20.

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

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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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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.

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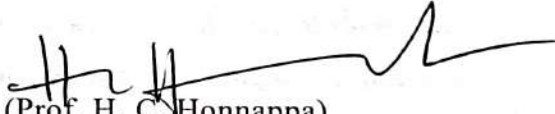
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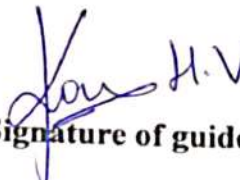
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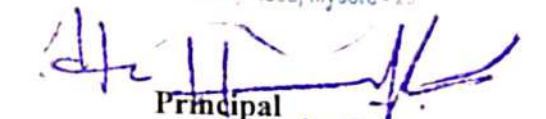

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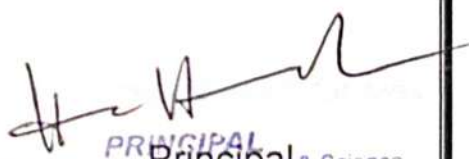
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Place: Mysuru

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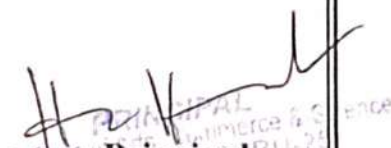
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This is to certify that the dissertation entitled "REVIEW OF LITERATURE ON SILVER NANOPARTICLES USING *HELICONIA ROSTRATA*" submitted to the JSS College of Arts, Commerce and Science by **VEENA RAMESHA HEGDE** under the guidance of **Dr. L. MALLESHA**, for the partial fulfillment of the requirement of the award of the degree of Master of Science in Chemistry during the year 2019-20.

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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: 15/09/2020

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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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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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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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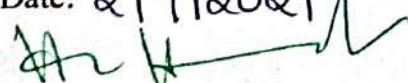
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This is to certify that the dissertation entitled "REVIEW OF LITERATURE ON SYNTHESIS OF CERCUMIN AND ITS MEDICINAL APPLICATION" submitted to the JSS College of Arts, Commerce and Science by **Ms AMRUTHA M** under the guidance of **Dr. N. VIJENDRA KUMAR**, 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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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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This is to certify that the dissertation entitled "REVIEW OF LITERATURE ON 2,5-DICHLORO PYRIMIDINE DERIVATIVES" submitted to the JSS College of Arts, Commerce and Science by **Mr. ASHWATH U. L.** under the guidance of **Dr. L. MALLESHA**, for the partial fulfillment of the requirement of the award of the degree of Master of Science in Chemistry during the year 2020-2021.

Place: Mysuru

Date: 2/9/2021

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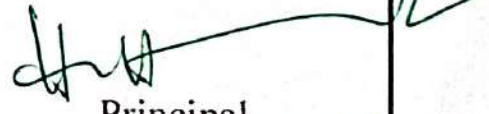
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This is to certify that the dissertation entitled "Literature survey on Synthesis of iron oxide nanoparticles submitted to the JSS College of Arts, Commerce and Science by BASAVARAJU B M under the guidance of Dr. Mahadeva Swamy.M for the partial fulfillment of the requirement of the award of the degree of Master of Science in Chemistry during the year 2020-21.

Place: Mysuru

Date:


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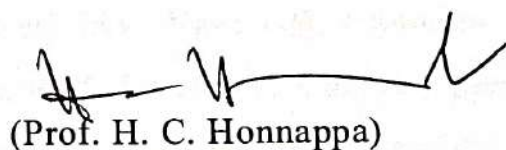
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This is to certify that the project work entitled **"Recent Advances in the Development of New Boron Containing Therapeutic Agents"** submitted by Bhavani H. S. is based on the investigations carried out by her under the guidance of Dr R. Suhas, Postgraduate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



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

Place: Mysuru
Date: 3-9-2021


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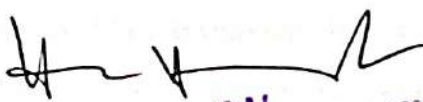
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This is to certify that the project work entitled "**Diverse Role of Sulphur-Heterocycles in Medicinal Chemistry**" submitted by Chandan S is based on the investigations carried out by him under the guidance of Dr R. Suhas, Postgraduate Department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


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

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

Place: Mysuru
Date: 25/8/21

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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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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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Place: Mysuru

Date: 30/8/2021

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Place: Mysuru

Date: 2/9/21.

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Place: Mysuru

Date: 02/09/21

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