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OOTY ROAD, MYSORE - 570 025, KARNATAKA



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

# CERTIFICATE

This is to certify that the project work entitled "A Study on diversity of Spider in and around Karanji Lake, Mysuru" is a bonafied research work carried out by Ms. Padma.S. M.Sc., IV Semester and completed under the guidance of Dr.Nijagal.B.S, Assistant professor, PG Department of Zoology JSSCACS for the partial fulfilment of the requirement for the award of degree of Master of Science in Zoology during the year 2018-2019. This part of work has not been submitted elsewhere for any other degree or diploma.

Date: 23105119



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### CERTIFICATE

This is to certify that the project work entitled "A STUDY ON ANT (HYMENOPTERA: FORMICIDAE) DIVERSITY AT JSS COLLEGE CAMPUS, MYSURU" submitted by Ms. Nishkala.R. M.Sc., IV Semester, in Zoology. This research work was carried out and completed under the guidance of Dr. Raghunandan. K. Sfor the partialfulfilment of the requirement for the award of degree of Master of Science in Zoology during the year 2018-2019. This part of work has not been submitted elsewhere for any other degree or diploma.

Date: 23/5/19

Place: Mysuru

Principal

(Prof.M.MAHADEVAPPA)

A.S.S. College Caty Road, Mysore-576 ...



# JSS COLLEGE OF ARTS, COMMERCE & SCIENCE

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

## CERTIFICATE

This is to certify that the project work entitled "A STUDY ON AVIFAUNAL DIVERSITY IN RELATION TO FEW PHYSICO-PARAMETERS AT DALVOY LAKE, MYSURU" Submitted by. Mr. Akshay Manjunath Bhat, M.Sc., IV Semester, in Zoology. This research work was carried out and completed under the guidance of Dr. Raghunandan. K. S for the partial fulfilment of the requirement for the award of degree of Master of Science in Zoology during the year 2018-2019. This part of work has not been submitted elsewhere for any other degree or diploma.

Date: 24-05-19

Place: Mysuru

Prof.M.MAHADEVAPPA

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



355 MAHAVIDYAPEETHA

# JSS COLLEGE OF ARTS, COMMERCE & SCIENCE

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

# CERTIFICATE

This is to certify that the project work entitled "A Survey on irregularities in Menstrual cycle based on BMI in the age group of 18-35 in Mysuru city" is a bonafied project work carried out Ms. Pallavi.A. M.Sc., IV Semester and completed under the guidance of Dr. Nijagal. B. S, Assistant professor, PG Department of Zoology JSSACS for the partial fulfilment of the requirement for the award of degree of Master of Science in Zoology during the year 2018-2019. This part of work has not been submitted elsewhere for any other degree or diploma.

(Prof.M.MAHADEVAPPA)

J.S.S. College Pead, Mysore-570 025

Date:



### JSS COLLEGE OF ARTS, COMMERCE & SCIENCE

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### CERTIFICATE

This is to certify that the project work entitled "A SURVEY ON POLYCYSTIC OVARIAN SYNDROME AMONG FEMALE STUDENTS AT MYSURU" submitted by Ms. Pooja Benni. M.Sc., IV Semester, in Zoology. This research work was carried out and completed under the guidance of Dr. Raghunandan. K. S for the partial fulfilment of the requirement for the award of degree of Master of Science in Zoology during the year 2018-2019. This part of work has not been submitted elsewhere for any other degree or diploma.

Date: 23/5/19

Place: Mysuru

Prof. M.MAHADEVAPPA

PRINCIPAL 4J.S.S. College Maly Road, Mysore-570 025



# JSS COLLEGE OF ARTS, COMMERCE & SCIENCE

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

# CERTIFICATE

This is to certify that the project work entitled "A study on diurnal activities of peafowl (Pavo cristatus) in captivity" is a bonafied research work carried out Ms. Preethi, J.M. M.Sc., IV Semester and completed under the guidance of Dr. Nijagal B.S. Assistant professor, PG Department of Zoology, JSSCACS for the partial fulfilment of the requirement for the award of degree of Master of Science in Zoology during the year 2018-2019. This part of work has not been submitted elsewhere for any other degree or diploma.

Date: 23 05 19

Place: Mysuru

J.S.S. College

Ooty Road, Mysore-570 025

(Prof. M. Mahadevappa)



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

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25 0621-2548236 & 2548380 Fax: 0621-2548238 E-mail: jssautonomous@gmail.com

## CERTIFICATE

This is to certify that the project work entitled "A STUDY ON OCCURENCE OF WEAVER ANT, OECOPHYLLA SMARAGDINA FAB IN JSS COLLEGE CAMPUS, MYSURU" submitted by Ms. Preethi. M, M.Sc., IV Semester, in Zoology. This research work was carried out and completed under the guidance of Dr. Raghunandan. K. S for the partial fulfilment of the requirement for the award of degree of Master of Science in Zoology during the year 2018-2019. This part of work has not been submitted elsewhere for any other degree or diploma.

Date:

Place: Mysuru

Prof. M. MAHADEVAPPA

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



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OOTY ROAD, MYSORE - 570 025, KARNATAKA

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25 0821-2548236 & 2548380 Fax: 0521-2548238 E-mail: jssautonomous@gmail.com

### CERTIFICATE

This is to certify that the project work entitled "A study on cattle Hard tick- Haemaphysalis longicornis Neumann in Chamundipuram, Mysuru" submitted by Ms. Shilpa.R. M.Sc., IV Semester, in Zoology. This research work was carried out and completed under the guidance of Dr.Raghunandan. K.S for the partial fulfillment of the requirement for the award of degree of Master of Science in Zoology during the year 2018-2019. This part of work has not been submitted elsewhere for any other degree or diploma.

Date:

Place: Mysuru

Principal 24/2

Prof. M. MAHADEVAPPA

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



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28 0821-2548236 & 2548380 Fax: 0821-2548238 E-mail: jssautonomous@gmail.com

### CERTIFICATE

This is to certify that the project work entitled "A Study on Insect diversity of Coffee plantation in Taltare [V], Somwarpet [Tq], Kodagu [D]" is a bonafide work carried out by Ms. Akshatha B.G., M.Sc., IV Semester and completed under the guidance of Dr. Nijagal B.S, Assistant professor, PG Department of Zoology, JSSACS for the partial fulfilment of the requirement for the award of degree of Master of Science in Zoology during the year 2018-2019. This part of work has not been submitted elsewhere for any other degree or diploma.

J.S.S. College (Prof. MadMAHADEYAPPA)

Date: 23/5/019



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# CERTIFICATE

This is to certify that the project work entitled "A STUDY ON HUMAN-ELEPHANT CONFLICT AT OMKAR RANGE, BANDIPUR NATIONAL PARK, KARNATAKA, INDIA" submitted by Mr. Sagar.R. M.Sc., IV Semester, in Zoology. This research work was carried out and completed under the guidance of Dr. Raghunandan. K. S for the partial fulfilment of the requirement for the award of degree of Master of Science in Zoology during the year 2018-2019. This part of work has not been submitted elsewhere for any other degree or diploma.

Date:

Place: Mysuru

(Prof.M.MAHADEVA

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



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DOTY ROAD, MYSORE - 570 025, KARNATAKA

18 0821-2548236 & 2548380 Fax: 0821-2548238 E-mail: jssautonomous@gmail.com

# CERTIFICATE

This is to certify that the project work entitled "A STUDY ON AVIFAUNAL DIVERSITY IN AND AROUND JSS COLLEGE CAMPUS, MYSURU"submitted by Ms. Ankitha. B.N M.Sc., IV Semester, in Zoology. This research work was carried out and completed under the guidance of Dr.Raghunandan. K. Sfor the partialfulfilment of the requirement for the award of degree of Master of Science in Zoology during the year 2018-2019. This part of work has not been submitted elsewhere for any other degree or diploma.

Prof.M.MAHADEVAPPA

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

Date: 23-5-19



#### ISS MAHAVIDVAPIETHA

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25 0821-2548236 & 2548380 Fax: 0821-2548238 E-mail: [stautonomous/@gmail.com



This is to certify that the project work entitled "A Hospital based survey on the prevalence of Food allergies in few area of Mysore city." submitted by Mrs. Harinakshi S.P. M.Sc., IV Semester, in Zoology. This research work was carried out and completed under the guidance of Harshitha K.P for the partial fulfilment of the requirement for the award of degree of Master of Science in Zoology during the year 2019-2020. This part of work has not been submitted elsewhere for any other degree or diploma.

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Date:



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### CERTIFICATE

This is to certify that the project work entitled "A study on Insect diversity in JSS College Campus, Mysuru" is a bonafied work carried out Ms. Veenashree L. Haradolli M.Sc., IV Semester and completed under the guidance of Dr. Nijagal.B.S, Assistant professor, PG Department of Zoology, JSSACS, for the partial fulfilment of the requirement for the award of degree of Master of Science in Zoology during the year 2018-2019. This part of work has not been submitted elsewhere for any other degree or diploma.

Date:

Place: Mysuru

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

(Prof. M. MAHADEVAPPA)



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

## CERTIFICATE

This is to certify that the project work entitled "Study on Fluoride level in different water samples around few geographical regions of Mysuru district" submitted by Mr. Prapul Y. M.Sc., IV Semester, in Zoology. This research work was carried out and completed under the guidance of Ms. Harshitha K.P for the partial fulfilment of the requirement for the award of degree of Master of Science in Zoology during the year 2018-2019. This part of work has not been submitted elsewhere for any other degree or diploma.

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

(Prof. M. MAHADEVAPPA)

Date:



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

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



### CERTIFICATE

This is to certify that the project work entitled "Study on Fluoride level in different water samples around few geographical regions of Mandya district" submitted by Mr.Darshan kumar T, M.Sc., IV Semester, in Zoology. This research work was carried out and completed under the guidance of Ms. Harshitha K.P for the partial fulfilment of the requirement for the award of degree of Master of Science in Zoology during the year 2018-2019. This part of work has not been submitted elsewhere for any other degree or diploma.

J.S.S. College

Ucty Road, Mysore-570 ne

(Prof. M.MAHADEVAPPA)

Date: 24 05 2019



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### CERTIFICATE

This is to certify that the project work entitled "A Study on Diurnal activities of Macaca silenus in captivity" is a bonafied research work carried out by Ms. Aishwarya S. Raj, M.Sc, IV Semester under the guidance of Dr. Nijagal B.S, Assistant professor, PG Department of Zoology, JSSCACS for the partial fulfilment of the requirement for the award of degree of Master of Science in Zoology during the year 2018-2019. This part of work has not been submitted elsewhere for any other degree or diploma.

J.S.S. College

Joty Road, Mysore-570 025

Prof. M. Mahadevappa

Date: 23 05 2019



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#### CERTIFICATE

This is to certify that the project work entitled "A study on diversity of spiders in JSS college Campus, Mysuru" is a bonafied research work carried out Ms. Anju Michael M.Sc., IV Semester and completed under the guidance of Dr.Nijagal.B.S, Assistant professor, PG Department of Zoology, JSSCACS for the partial fulfilment of the requirement for the award of degree of Master of Science in Zoology during the year 2018-2019. This part of work has not been submitted elsewhere for any other degree or diploma.

> Octy Road, Mysore-570 025 Prof. M. Mahadevappa

Date: 23-05-19



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

### CERTIFICATE

This is to certify that the project work entitled "A survey on irregularities in menstrual cycle based on BMI in the age group of 35-50 in Mysuru city" submitted by Mr. Rahul S. Hipparagi. M.Sc., IV Semester, in Zoology, was carried out and completed under the guidance of Dr. Nijagal.B.S for the partial fulfilment of the requirement for the award of degree of Master of Science in Zoology during the year 2018-2019. This part of work has not been submitted elsewhere for any other degree or diploma.

(Prof.M.MAHADEVAPPA)

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

Date: 24 |05 | 19



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

ENCE

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

# CERTIFICATE

This is to certify that the project work entitled "A STUDY ON AVIFAUNAL DIVERSITY AT KUKKARAHALLI LAKE, MYSURU, KARNATAKA" Submitted by Ms. Kavya.R. M.Sc., IV Semester, in Zoology. This research work was carried out and completed under the guidance of Dr. Raghunandan. K. Sfor the partialfulfilment of the requirement for the award of degree of Master of Science in Zoology during the year 2018-2019. This part of work has not been submitted elsewhere for any other degree or diploma.

Prof.M.MAHADEVAPPA

Date: 24-9-19

Place: Mysuru

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



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## CERTIFICATE

This is to certify that the project work entitled "A study on diversity of spiders in farm house, old kesare, Mysuru." is a bonafied research work carried out Ms. Lorita Nacita D'Souza. M.Sc., IV Semester and completed under the guidance of Dr.Nijagal.B.S, Assistant professor, PG Department of Zoology, JSSCACS for the partial fulfilment of the requirement for the award of degree of Master of Science in Zoology during the year 2018-2019. This part of work has not been submitted elsewhere for any other degree or diploma.

J.S.S. College

Onty Road, Mysore-570 07\*

Prof. M. Mahadevappa

Date: 23 05 19

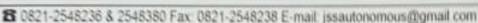


#### JSS COLLEGE OF ARTS, COMMERCE & SCIENCE

(An Autonomous College of University of Mysore)

Re-accredited by NAAC with 'A' grade

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### CERTIFICATE

This is to certify that the project work entitled "A Study on Insect diversity in Kukkarahallii lake, Mysuru" is a bonafied research work carried out by Mr. Blesswin joy B. M.Sc., IV Semester and completed under the guidance of Dr.Nijagal.B.S, Assistant professor, PG department of Zoology JSSACS for the partial fulfilment of the requirement for the award of degree of Master of Science in Zoology during the year 2018-2019. This part of work has not been submitted elsewhere for any other degree or diploma.

J.S.S. College

Goty Road, Mysore-570 025

(Prof.M. Mahadevappa)

Date: 23-05-19



# JSS COLLEGE OF ARTS, COMMERCE & SCIENCE

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



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

# **CERTIFICATE**

This is to certify that the project report entitled "Biochemical analysis of Proteins in Fishes, Salmon and Tuna". is a bonafide work carried out by Mr. N Shravankumar, under the guidance of Dr. Ramyashree M, for the partial fulfilment of the requirement for the award of degree Master of Science (M.Sc.,) in Zoology in the JSS College of Arts, Commerce and Science (Autonomous) during the year 2019-2020. It is certified that all corrections and suggestions indicated for the dissertation has been incorporated in the report. The project report has been approved as it satisfies the academic requirements in respect of project report prescribed for Master of Science in Zoology.

(DR. H. C. HONNAPPA)

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

Date:



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

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



28 0821-2548236 & 2548380 Fax: 0821-2548238 E-mail: jssautonomous@gmail.com

### CERTIFICATE

This is to certify that the project work entitled "A PRELIMINARY STUDY ON BIOLOGY OF GREATER WAXMOTH, GALLERIA MELLONELLA LINN." Submitted by Ms. Soumya M.Sc., IV Semester, in Zoology. This research work was carried out and completed under the guidance of Dr. K. S. Raghunandan. submitted in partial fulfilment for the award of Master of Science in Zoology during the year 2019-2020.

This part of work has not been submitted elsewhere for any other degree or diploma.

Date:

Place: Mysuru

rce & Science Octy Read MYSURU-25



## JSS COLLEGE OF ARTS, COMMERCE & SCIENCE

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



23 0821-2548236 & 2548380 Fax: 0821-2548238 E-mail: jssautonomous@gmail.com

### CERTIFICATE

This is to certify that the project work entitled "A survey of foot and mouth disease (FMD) in cattle in selected villages of Mandya district, Karnataka state" Submitted by Ms. Inchara.S., IV Semester, M.Sc., in Zoology, is a bonafied research work carried out by her and completed under the guidance of Dr. Nijagal.B.S, Assistant Professor, Postgraduate Department of Zoology, JSS College of Arts, Commerce and Science for the partial fulfillment of the requirement for the award of degree of Master of Science in Zoology during the year 2019-2020. This project work has not been submitted in part or full elsewhere for any other degree or diploma.

Date:

Place: Mysuru

PRINCIPAL

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



#### PS MAHAWIDIRPETHA

# JSS COLLEGE OF ARTS, COMMERCE & SCIENCE

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28 (RD1-2548296 & 2548380 Fav: 0821-2548238 E-mail: jssacktonomous@gmail.nom

# CERTIFICATE

This is to certify that the project work entitled "A Survey on the diversity of cattle in few regions of Mandya district." submitted by Ms. Ranjitha K, M.Sc., IV Semester, in Zoology. This research work was carried out and completed under the guidance of Harshitha K.P for the partial fulfillment of the requirement for the award of degree of Master of Science in Zoology during the year 2019-2020. This part of work has not been submitted elsewhere for any other degree or diploma.

Principal

"Honnappa)

JSS Cologe of Fits, Currence & Sounds Only Rosel MYSURU-25

Date:



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

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

# CERTIFICATE

This is to certify that the project report entitled "Biochemical analysis of Lipids in Fishes, Salmon and Tuna", is a bonafide work carried out by Mr. Raghavendra R, under the guidance of Dr. Ramyashree M, for the partial fulfilment of the requirement for the award of degree Master of Science (M.Sc.,) in Zoology in the JSS College of Arts, Commerce and Science (Autonomous) during the year 2019-2020. It is certified that all corrections and suggestions indicated for the dissertation has been incorporated in the report. The project report has been approved as it satisfies the academic requirements in respect of project report prescribed for Master of Science in Zoology.

(DR. H. C. HONNAPPA)

PRINCIPAL

JSS Codeye of Arts, Cultimerce & Science Ooty Rosal MYSURU-25

Date:



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

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

# CERTIFICATE

This is to certify that the project work entitled "A PRELIMINARY STUDY ON ZOOPLANKTON AT VARUNA LAKE, MYSURU KARANATAKA" Submitted by Mr. Rammurthy Y, M.Sc., IV Semester, in Zoology. This research work was carried out and completed under the guidance of Dr. K. S. Raghunandan submitted in partial fulfillment for the award of Master of Science in Zoology during the year 2019-2020.

This part of work has not been submitted elsewhere for any other degree or diploma.

Date:

Place: Mysuru

PRINCIPAL

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JSS MAHAVIDYAPEETHA JSS COLLEGE OF ARTS, COMMERCE & SCIENCE

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



23 0821-2548236 & 2548380 Fax: 0821-2548238 E-mail: |ssautonomous@gmail.com

### CERTIFICATE

This is to certify that the project work entitled "Diversity and distribution of anurans (Amphibia) in selected sites of Sirsi Taluk, Uttara Kannada" Submitted by Ms.Rachana. R. Unchalli, IV Semester, M.Sc., in Zoology is a bonafied research work carried out and completed by her under the guidance of Dr. Nijagal.B.S. for the partial fulfillment of the requirement for the award of degree of Master of Science in Zoology during the year2019-20.

This part of work has not been submitted elsewhere for any other degree or diploma.

Date:

# JSS COLLEGE OF ARTS, COMMERCE AND SCIENCE

(Autonomous, NAAC 'A' grade (CGPA 3.21) & College with Potential for Excellence) OOTY ROAD, MYSURU - 570025

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

# CERTIFICATE

This is to certify that the project report entitled "The Study of Diversity of Beetles around Kukkarahalli lake, Mysuru" is a bonafide work carried out by Mr. Praveen.V.Karibhantanal, under the guidance of Dr. Ramyashree. M, for the partial fulfilment of the requirement for the award of degree Master of Science (M.Sc.,) in Zoology in the JSS College of Arts, Commerce and Science during the year 2019-2020. It is certified that all corrections and suggestions indicated for the dissertation has been incorporated in the report. The project report has been approved as it satisfies the academic requirements in respect of project report prescribed for Master of Science in Zoology.

(DR. H.C. HONNAPPA)

JSS College of Arts, Custimerce & Science Octy Rope MYSURU-25

Date:



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OOTY ROAD, MYSORE - 570 025, KARNATAKA



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

#### CERTIFICATE

This is to certify that the project work entitled "A BRIEF STUDY ON SUGARCANE PEST, SACCHARICOCCUS SACCHARI AT CHANNASANDRA, MANDYA DISTRICT", Submitted by Ms. Manasa M S.,M.Sc., IV Semester, in Zoology. This research work was carried out and completed under the guidance of Dr. K. S. Raghunandan and submitted in partial fulfillment for the award of Master of Science in Zoology during the year 2019-2020.

This part of work has not been submitted elsewhere for any other degree or diploma.

RINCIPAL

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

Date:



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

### CERTIFICATE

This is to certify that the project work entitled "A survey on the diversity of butterfly (Lepidoptera) fauna in Krishnarajanagar town, Mysore district, Karnataka state" Submitted by Ms. Hema.K., IV Semester, M.Sc., in Zoology, is a bonafied research work carried out by her and completed under the guidance of Dr. Nijagal.B.S, Assistant Professor, Postgraduate Department of Zoology, JSS College of Arts, Commerce and Science for the partial fulfillment of the requirement for the award of degree of Master of Science in Zoology during the year 2019-20. This project work has not been submitted in part or full elsewhere for any other degree or diploma.

Date:

Place: Mysuru

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



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### CERTIFICATE

This is to certify that the project work entitled "Study on the prevalence on Dental and Skeletal fluorosis in Fluoride Endemic regions of Mandya district." submitted by Mr. Karthik Prasad S, M.Sc., IV Semester, in Zoology. This research work was carried out and completed under the guidance of Harshitha K.P for the partialfulfilment of the requirement for the award of degree of Master of Science in Zoology during the year 2019-2020. This part of work has not been submitted elsewhere for any other degree or diploma.

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

(Dr H.C. HONNAPPA)

Date:



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CE (50)

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

#### CERTIFICATE

This is to certify that the project work entitled "A BRIEF STUDY OF COFFEE BERRY BORER, HYPOTHENEMUS HAMPEI IN VALALAHALLI, SAKLESHPURA TALUK, HASSAN DISTRICT, KARNATAKA." Submitted by Ms. A. D. Shashi ., M.Sc., IV Semester, in Zoology. This research work was carried out and completed under the guidance of Dr. K. S. Raghunandan, submitted in partial fulfillment for the award of Master of Science in Zoology during the year 2019-2020.

This part of work has not been submitted elsewhere for any other degree or diploma.

Date:

Place: Mysuru

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28 0821-2548236 & 2548380 Fax: 0821-2548238 E-mail: jssautonomous@gmail.com

# CERTIFICATE

This is to certify that the project work entitled "Survey on the marketing strategies and demand of food fishes in Sakleshpur town, Hassan district, Karnataka state" submitted by Mrs. Thejaswini.D.A., IV Semester M.Sc., Zoology, is a bonafied research work carried out by her and completed under the guidance of Dr. Nijagal.B.S, Assistant Professor, Postgraduate Department of Zoology, JSS College of Arts, Commerce and Science for the partial fulfillment of the requirement for the award of degree of Master of Science in Zoology during the year 2019-20. This project work has not been submitted in part or full elsewhere for any other degree or diploma

Date:

Place: Mysuru

JSS Code Name | Scient America & Scient Ooty Road MYSURU-25



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

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28 0821-2548236 & 2548380 Fax: 0821-2548238 E-mail: jssautonomous@gmail.com

#### CERTIFICATE

This is to certify that the project work entitled "A STUDY ON ZOOPLANKTON DIVERSITY AT MELUKOTE PONDS, MANDYA DISTRICT, KARNATAKA" Submitted by Mr. Shashank K. R., M.Sc., IV Semester, in Zoology. This research work was carried out and completed under the guidance of Dr. K. S. Raghunandan for the partial fulfilment of the requirement for the award of degree of Master of Science in Zoology during the year 2019-2020.

This part of work has not been submitted elsewhere for any other degree or diploma.

Date: / /2020

Place: Mysuru

Doty Road MYSURU-25



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### CERTIFICATE

This is to certify that the project work entitled "Physico-Chemical analysis of water sample from pure and polluted water areas of Kapila river Nanjangud" Submitted by Mr.Sanjay.H.V., M.Sc., IV Semester, in Zoology. This research work was carried out and completed under the guidance of Dr. Ramyashree.M for the partial fulfillment of the requirement for the award of degree of Master of Science in Zoology during the year 2019-2020. This part of work has not been submitted elsewhere for any other degree or diploma.

Date:

Place: Mysuru

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### JSS COLLEGE OF ARTS, COMMERCE AND SCIENCE

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

## **CERTIFICATE**

This is to certify that the project report entitled "A study on infestation by Nematode in Morus alba plant root soil Kumbarahalli (Channarayapattna) is a bonafide work carried out by Ms. Sowmya S.N, under the guidance of Dr. Ramyashree M, for the partial fulfillment of the requirement for the award of degree Master of Science (M.Sc.,) in Zoology in the JSS College of Arts, Commerce and Science during the year 2019-2020. It is certified that all corrections and suggestions indicated for the dissertation has been incorporated in the report. The project report has been approved as it satisfies the academic requirements in respect of project report prescribed for Master of Science in Zoology.

(DR. H.C.HONNAPPA)

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

Date:

#### JSS MAHAVIDYAPEETA JSS COLLEGE OF ARTS, COMMERCE AND SCIENCE

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# CERTIFICATE

This is to certify that the project report entitled "A study on the occurrence of termites and its mounds in Sathgalli Layout (Mysuru)" is a bonafide work carried out by Mr. Venkatesh Prabhu N, under the guidance of Dr. Ramyashree M, for the partial fulfillment of the requirement for the award of degree Master of Science (M.Sc.,) in Zoology in the JSS College of Arts, Commerce and Science during the year 2019-2020. It is certified that all corrections and suggestions indicated for the dissertation has been incorporated in the report. The project report has been approved as it satisfies the academic requirements in respect of project report prescribed for Master of Science in Zoology.

Date: 14.09.2020

Place: Mysuru

Head of the Department

M HATOGLEDED (Dr. Ramyashree M)

Head .

PG Dept. of Zoology J88 College, Ooty R ad

Mysore-570 025



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# CERTIFICATE

This is to certify that the project work entitled "A survey on the diversity of cattle and analysis of milk sample in few regions of Mandya district" submitted by Ms. Aishwarya. Bhat. R. M.Sc., IV Semester, in Zoology. This research work was carried out and completed under the guidance of Harshitha K.P for the partial fulfilment of the requirement for the award of degree of Master of Science in Zoology during the year 2019-2020. This part of work has not been submitted elsewhere for any other degree or diploma.

(Dr. H C Honnappa)



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### CERTIFICATE

This is to certify that the project work entitled "A STUDY ON BUTTERFLY DIVERSITY AT KUNCHEBAILU, CHIKMAGALUR DISTRICT, KARNATAKA" Submitted by Ms. Shreekrupa N R., M.Sc., IV Semester, in Zoology. This research work was carried out and completed under the guidance of Dr. K. S. Raghunandan submitted in partial fulfillment for the award of Master of Science in Zoology during the year 2019-2020.

This part of work has not been submitted elsewhere for any other degree or diploma.

Date:

Place: Mysuru

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# JSS COLLEGE OF ARTS, COMMERCE AND SCIENCE

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# <u>CERTIFICATE</u>

This is to certify that the project report entitled "Isolation of pathogenic bacteria in Houseflies collected from various locations of Mysuru, Karnataka" is a bonafide work carried out by Mr. Thilak kumar M T, under the guidance of Dr. Ramyashree M, for the partial fulfilment of the requirement for the award of degree Master of Science (M.Sc.,) in Zoology in the JSS College of Arts, Commerce and Science during the year 2019-2020. It is certified that all corrections and suggestions indicated for the dissertation has been incorporated in the report. The project report has been approved as it satisfies the academic requirements in respect of project report prescribed for Master of Science in Zoology.

> (Dr. H.C. HONNAPPA) JSS College of Arts, Cumerce & Scient

Ooly Roa - MYSURU-25

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# CERTIFICATE

This is to certify that the project work entitled "A Survey on the Diversity of cattle and Analysis of milk sample in few region of Mandya District" submitted by Ms. Yashasvini H.S. M.Sc., IV Semester, in Zoology. This research work was carried out and completed under the guidance of Harshitha K.P for the partialfulfillment of the requirement for the award of degree of Master of Science in Zoology during the year 2019-2020. This part of work has not been submitted elsewhere for any other degree or diploma.

JSS College of Arts, Currymeroe & Science

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(Prof.H.C.HONNAPPA)

Date:



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#### CERTIFICATE

This is to certify that the project work entitled "Study on the prevalence on Dental and Skeletal fluorosis in Fluoride Endemic regions of Mandya district." submitted by Ms. Dayana J, M.Sc., IV Semester, in Zoology. This research work was carried out and completed under the guidance of Harshitha K.P for the partial fulfilment of the requirement for the award of degree of Master of Science in Zoology during the year 2019-2020. This part of work has not been submitted elsewhere for any other degree or diploma.

Principal

PRINCIPAL JSS Coffeye of Arts, Contimerce & Science Ooty Roam MYSURU-25

(Dr. H C Honnappa)

Date:



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

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

#### CERTIFICATE

This is to certify that the project work entitled "Diversity of Dragonflies and Damselflies (Insecta: Odonata) at selected places in Mysuru, Karnataka." Submitted by Mr. Mahendra Reddy., M.Sc., IV Semester, in Zoology. This research work was carried out and completed under the guidance of Dr. Nijagal B.S., Assistant Professor, PG Department of Zoology, JSS College of Arts, Commerce and Science for the partial fulfilment of the requirement for the award of degree of Master of Science in Zoology during the year 2019-20. This part of work has not been submitted elsewhere for any other degree or diploma.

Date:

Place: Mysuru

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### CERTIFICATE

This is to certify that the project work entitled "A BRIEF STUDY ON CATTLE LOUSE, HEAMATOPINUS QUADRIPERTUSUS" Submitted by Ms. Supriya C P., M.Sc., IV Semester, in Zoology. This research work was carried out and completed under the guidance of Dr. K. S. Raghunandan, submitted in partial fulfilment for the award of Master of Science in Zoology during the year 2019-2020.

This part of work has not been submitted elsewhere for any other degree or diploma.

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

Date:



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#### CERTIFICATE

This is to certify that the project work entitled "A STUDY ON PREVAILING DISEASES BASED ON LIFESTYLE AMONG AGE OLD INDIVIDUALS AT MYSURU POPULATION" Submitted by Ms.

Supriya K, M.Sc., IV Semester, in Zoology. This research work was carried out and completed under the guidance of Dr. K.S. Raghunandan for the partial fulfilment of the requirement for the award of degree of Master of Science in Zoology during the year 2019-2020.

This part of work has not been submitted elsewhere for any other degree or diploma.

Date:

Place: Mysuru

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# CERTIFICATE

This is to certify that the project work entitled "Survey of New cattel disease (NCD) in Chickens in selected Regions of Chamarajanagar District" Submitted by Ms. Sushma.B., IV Semester, M.Sc., in Zoology, is a bonafied research work carried out by her and completed under the guidance of Dr. Nijagal.B.S, Assistant Professor, Postgraduate Department of Zoology, JSS College of Arts, Commerce and Science for the partial fulfillment of the requirement for the award of degree of Master of Science in Zoology during the year 2019-2020. This project work has not been submitted in part or full elsewhere for any other degree or diploma.

Date: 3-10-2020

Place: Mysuru

Opty Road, MYSURU-25



#### PSS STATEMENT SYMPLETICA.

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DOTY HOAD, MYSORE - 570 025, KARNAYAKA

25 0821-2548236 & 2548380 Fax 0821-2548238 E-mail [seautonomous@gmail.com



This is to certify that the project work entitled "A Hospital based survey on the prevalence of common allergies in few area of Mysore city." submitted by Ms. Archana S.C.M.Sc., IV Semester, in Zoology. This research work was carried out and completed under the guidance of Harshitha K.P for the partial fulfilment of the requirement for the award of degree of Master of Science in Zoology during the year 2019-2020. This part of work has not been submitted elsewhere for any other degree or diploma.

Date:

Place: Mysuru

(Dr. H C Honnappa) PRINCIPAL

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

# JSS COLLEGE OF ARTS, COMMERCE AND SCIENCE

(Autonomous, NAAC 'A' grade (CGPA 3.21) & College with Potential for Excellence)
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Ph: 0821-2548236 & 2548380, FAX: 0821-2548238 Email: issautonomous@gmail.com Website: JSSCACS.edu.in

# **CERTIFICATE**

This is to certify that the project report entitled "A Study on Occupational Health Hazards in Automobile Spares Manufacturing Industry in ESS ENN INDUSTRY UNIT, Metagalli, Mysuru" is a bonafide work carried out by Ms. Bindhu. D. R., under the guidance of Dr. Ramyashree. M, for the partial fulfilment of the requirement for the award of degree Master of Science (M.Sc.,) in Zoology in the JSS College of Arts, Commerce and Science during the year 2019-2020. It is certified that all corrections and suggestions indicated for the dissertation has been incorporated in the report. The project report has been approved as it satisfies the academic requirements in respect of project report prescribed for Master of Science in Zoology.

(DR. H.C. ARMONA A)
JSS College of Arts, Cu-Imerce & Science
Ooty Roam MYSURU-25

Date:

## JSS COLLEGE OF ARTS, COMMERCE AND SCIENCE

(Autonomous, NAAC 'A' grade (CGPA 3.21) & College with Potential for Excellence) OOTY ROAD, MYSURU - 570025

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

# **CERTIFICATE**

This is to certify that the project report entitled "A Study on Occupational Health Hazards in Automobile Spares Manufacturing Industry in ESS ENN ENGINEERING UNIT, Metagalli,

Ramyashree. M, for the partial fulfilment of the requirement for the award of degree Master of Science (M.Sc.,) in Zoology in the JSS College of Arts, Commerce and Science during the year 2019-2020. It is certified that all corrections and suggestions indicated for the dissertation has been incorporated in the report. The project report has been approved as it satisfies the academic requirements in respect of project report prescribed for Master of Science in Zoology.

(DR. H. GRHONSAPPA)

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

Date:



## JSS COLLEGE OF ARTS, COMMERCE & SCIENCE

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GOTY ROAD, MYSORE - 570 025, KARNATAKA

23 0821-2548236 & 2548380 Fax 0821-2548238 E-mail jssautonomous@gmail.com



# CERTIFICATE

This is to certify that the project work entitled "A SURVEY ON TERMITE MOUNDS AND MICRONUTRIENT COMPOSITION OF MOUND SOIL AT SELECTED SITES OF MYSORE DISTRICT" Submitted Mr. Chintan. M.U IV Semester, M.Sc., Zoology is a bonafied work carried out and completed by him under the guidance of Dr. Nijagal. B.S. Assistant professor, postgraduate Department of Zoology, JSS College of Arts, Commerce and Science for the partial fulfilment of the requirement for the award of degree of Master of Science in Zoology during the year 2019-20. This part of work has not been submitted elsewhere for any other degree or diploma.

Date:

PREDNETBAL JSS Coffeye of Arts, Curimerce & Science Ooty Roam MYSURU-25



# JSS COLLEGE OF ARTS, COMMERCE & SCIENCE

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



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## CERTIFICATE

This is to certify that the project work entitled "Study on the prevalence on Dental and Skeletal fluorosis in Fluoride Endemic regions of Mandya district." submitted by Ms. Anushree.o.k.m., M.Sc., IV Semester, in Zoology. This research work was carried out and completed under the guidance of Harshitha K.P for the partial fulfilment of the requirement for the award of degree of Master of Science in Zoology during the year 2019-2020. This part of work has not been submitted elsewhere for any other degree or diploma.

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

(Drll H C Honnappa)

Date:



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#### CERTIFICATE

This is to certify that the project work entitled "A PRELIMINARY STUDY ON WILD HONEYBEES, APIS DORSATA COLONIES AT TUMKUR" Submitted by Ms. Sulochana K N., M.Sc., IV Semester, in Zoology. This research work was carried out and completed under the guidance of Dr. K. S. Raghunandan, submitted in partial fulfillment for the award of Master of Science in Zoology during the year 2019-2020.

This part of work has not been submitted elsewhere for any other degree or diploma.

Date:

Place: Mysuru

JSS College of Arts, Curifferee & Science
Ooty Roart MYSURU-25



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# CERTIFICATE

This is to certify that the project work entitled "Survey of ectoparasites infestation on livestock in Krishnarajanagara Taluk, Mysore District" Submitted by Mrs. Chaithra.D.A., IV Semester, M.Sc., in Zoology, is a bonafied research work carried out by her and completed under the guidance of Dr. Nijagal.B.S, Assistant Professor, Postgraduate Department of Zoology, JSS College of Arts, Commerce and Science for the partial fulfillment of the requirement for the award of degree of Master of Science in Zoology during the year 2019-2020. This project work has not been submitted in part or full elsewhere for any other degree or diploma.

Date:



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



# CERTIFICATE

This is to certify that the project work entitled "Morphometric analysis of Indian worker bee , *Apis cerana* worker bees in Mysuru district , Karnataka, State "Submitted by Ms. Chethana.J.M., IV Semester, M.Sc., in Zoology, is a bonafied research work carried out by her and completed under the guidance of Dr. Nijagal.B.S, Assistant Professor, Postgraduate Department of Zoology, JSS College of Arts, Commerce and Science for the partial fulfillment of the requirement for the award of degree of Master of Science in Zoology during the year 2019-20. This project work has not been submitted in part or full elsewhere for any other degree or diploma.

Date:

Place: Mysuru

PROMICIPAL & Science

College Of ATIS MYSURU-25

# JSS MAHAVIDYAPEETHA JSS COLLEGE OF ARTS, COMMERECE AND SCIENCE

(An Autonomous College of University of Mysore)

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Ph: 0821-2548236 & 2548380, FAX: 0821-2548238 Email: issautonomous@gmail.com Website: JSSCACS.edu.in

#### CERTIFICATE

This is to certify that the project entitled "MAJOR EQUINE COLIC DISEASES OF THOROUGH-BRED AT BANGALORE TURF CLUB" is a bonafide work carried out by Ms. RABIYA AFSAR, under the guidance of Dr. RAMYASHREE.M, for the partial fulfilment of the requirement for the award of the degree Master of Science (M.Sc.,) in Zoology in the JSS College of Arts, Commerce and Science (Autonomous) during the year 2020-2021. It is certified that all corrections and suggestions indicated for the dissertation has been incorporated in the report. The project report has been approved as it satisfies the academic requirements in respect of project report prescribed for Master of Science in Zoology.

Date:

Place: MYSURU

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# JSS COLLEGE OF ARTS, COMMERCE & SCIENCE

(An Autonomous College of University of Mysore)

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138 0821-2548236 & 2548380 Fax: 0821-2548238 E-mail: jssautonomous@gmail.com



## CERTIFICATE

This is to certify that the project work entitled "A brief Study on morphometric analysis of food fish Lutjanus campechanus, marketed in Mysuru city" Submitted by Ms. Pooja. S of IV semester M.Sc., in Zoology, is a bonafied research work carried out by her under the guidance of Dr. Nijagal B.S., Assistant Professor, Postgraduate Department of Zoology, JSS College of Arts, Commerce & Science, Mysuru for the partial fulfillment of the requirement for the award of degree of Master of Science in Zoology during the year 2020-21. This project work has not been submitted in part or full elsewhere for any other degree or diploma.

Date: / / 2021

Place: Mysuru

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### CERTIFICATE

This is to certify that the project work entitled "A study on Physico-Chemical parameters and Diversity of zooplanktons in selected lakes of Dharwad city" Submitted by Mr. PRAJWAL A S., IV Semester, M.Sc., in Zoology, is a bonafied research work carried out by him and completed under the guidance of Dr. Nijagal.B.S. Assistant Professor, Postgraduate Department of Zoology, JSS College of Arts, Commerce and Science for the partial fulfillment of the requirement for the award of degree of Master of Science in Zoology during the year 2019-2020. This project work has not been submitted in part or full elsewhere for any other degree or diploma.

Date: 15.09.2021

Place: Mysuru

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28 0821-2548236 & 2548380 Fax: 0821-2548238 E-mail: jssautonomous@gmail.com

### CERTIFICATE

This is to certify that the project work entitled "A brief review on diversity of ants (Insecta ,Formicidae)" Submitted by Ms. Prema V. Hoolageri., M.Sc., IV Semester, in Zoology, is a review work carried by her and completed under the guidance of Dr.Nijagal.B.S, Assistant Professor, Postgraduate Department Of Zoology, JSS College of the Arts, Commerce and Sciencefor the partialfulfilment of the requirement for the award of degree of Master of Science in Zoology during the year 2020-2021. This project work has not beensubmitted in part or full elsewhere for any other degree or diploma.

Date: 16 /09/2020



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#### CERTIFICATE

This is to certify that the project work entitled "A STUDY ON MOTH DIVERSITY IN AND AROUND JSS COLLEGE CAMPUS, MYSURU, KARNATAKA" submitted by Ms.Pooja, S.Hosamani, 4<sup>th</sup> semester M.Sc., in Zoology. This research work was carried out and completed under the guidance of Dr. K. S. Raghunandan, for the partial fulfilment of the requirement for the award of degree of Master of Science in zoology during the year 2020-2021.

This part of work has not been submitted elsewhere for any other degree or diploma.

Date:

Place: Mysuru

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#### CERTIFICATE

This is to certify that the project work entitled "A STUDY ON DIVERSITY OF INSECT POLLINATORS IN AND AROUND JSS COLLEGE CAMPUS, MYSURU" Submitted by Ms. Kavya K., M.Sc., IV Semester, in Zoology. This research work was carried out and completed under the guidance of Dr. K. S. Raghunandan for the partial fulfilment of the requirement for the award of degree of Master of Science in Zoology during the year 2020-2021.

This part of work has not been submitted elsewhere for any other degree or diploma.

Date: / /2021

Place: Mysuru

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JSS College of Arts, Curimerce & Science College of Arts & Science College of Art

# JSS MAHAVIDYAPEETHA JSS COLLEGE OF ARTS, COMMERECE AND SCIENCE

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Ph: 0821-2548236 & 2548380, FAX: 0821-2548238 Email: jssautonomous@gmail.com Website:

JSSCACS.edu.in

#### CERTIFICATE

This is to certify that the project entitled "A STUDY ON BEETLE DIVERSITY AT FOOTHILLS OF CHAMUNDI HILLS AND AROUND JSS COLLEGE CAMPUS, MYSURU" is a bonafide work carried out by Ms. APOORVA, A. MALAGATTI under the guidance of Dr. RAMYASHREE M, for the partial fulfilment of the requirement for the award of the degree Master of Science (M.Sc.,) in Zoology in the JSS College of Arts, Commerce and Science (Autonomous) during the year 2020-2021. It is certified that all corrections and suggestions indicated for the dissertation has been incorporated in the report. The project report has been approved as it satisfies the academic requirements in respect of project report prescribed for Master of Science in Zoology.

Date:

Place: MYSURU

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(Prof. H.C. HONNAPPA)



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### CERTIFICATE

This is to certify that the project work entitled "Comparison of Sirtuin 6 Protein in Invertebrates and Vertebrates using Bioinformatics Tools" submitted by Mrs, Shilpashree M.S. IV Semester, M.Sc., in Zoology, is a benefited research work carried out by her and completed under the guidance Dr.Nijagal.B.S, Assistant Professor, Postgraduate Department of Zoology, JSS College of Arts, Commerce and Science for the partial fulfillment of the requirement for the award of degree of Master of Science in Zoology during the year 2020-2021. This project work has not been submitted in part or full elsewhere for any other degree or diploma.

Date: - 1 6 109 | 202 |

Place:-Mysuru

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#### CERTIFICATE

This is to certify that the project work entitled "A preliminary study on diversity of moths in and around Heravanadu village, Madikeri Taluk, Kodagu District" submitted by Mr. Shashidhar. S. M, 4th semester M.Sc., in Zoology is a bonafied research work carried out by him and completed under the guidance of Dr. Nijagal. B. S, Assistant Professor, Postgraduate Department of Zoology, JSS College of Arts, Commerce and Science for the partial fulfillment of the requirement for the award of degree of Master of Science in Zoology during the year 2020-2021. This project work has not been submitted in part or full elsewhere for any other degree or diploma.

Date: 15/09/21

Place: Mysuru

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#### CERTIFICATE

This is to certify that the project entitled "Toxicological Assay Of Aqueous Crude Leaf Extracts Of Ricinus communis And Calotropis gigantea On Drosophila melanogaster" is a bonafide work carried out by Ms. SHARANYA R under the guidance of Dr. RAMYASHREE M, for the partial fulfilment of the requirement for the award of the degree Master of Science (M.Sc.,) in Zoology in the JSS College of Arts, Commerce and Science (Autonomous) during the year 2020-2021. It is certified that all corrections and suggestions indicated for the dissertation has been incorporated in the report. The project report has been approved as it satisfies the academic requirements in respect of project report prescribed for Master of Science in Zoology.

Date:

Place: MYSURU

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(Prof. H.C. HONNAPPA)



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#### CERTIFICATE

This is to certify that the project work entitled "A BRIEF REPORT ON INSECT POLLINATORS IN AND AROUND HERAVANADU VILLAGE, KODAGU DISTRICT" submitted by Ms Shefali Chengappa B., M.Sc., IV Semester, in Zoology. This research work was carried out and completed under the guidance of Dr. K. S. Raghunandan Assistant Professor, PG Department of Zoology, JSSCACS for the partialfulfilment of the requirement for the award of degree of Master of Science in Zoology during the year 2020-2021.

This part of work has not been submitted elsewhere for any other degree or diploma.

Date: / /2021

Place: Mysuru

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#### CERTIFICATE

This is to certify that the project work entitled "A brief review on diversity of ants (Insecta, Formicidae)" submitted by Ms. Jalaja H.M., M.Sc., IV Semester, in Zoology, is a review work carried out by her and completed under the guidance of Dr. Nijagal. B. S, Assistant Professor, Postgraduate Department of Zoology, JSS College of the Arts, Commerce and Science for the partial fulfilment of the requirement for the award of degree of Master of Science in Zoology during the year 2020-2021. This project work has not been submitted in part or full elsewhere for any other degree or diploma.

Date: / /2020

Place: Mysuru

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#### CERTIFICATE

This is to certify that the project entitled "A REVIEW ON DIVERSITY OF AQUATIC NSECTS" is a bonafide work carried out by Ms. DIVYA H J, under the guidance of Dr. AMYASHREE M, for the partial fulfillment of the requirement for the award of the degree Master f Science (M.Sc.,) in Zoology in the JSS College of Arts, Commerce and Science (Autonomous) uring the year 2020-2021. It is certified that all corrections and suggestions indicated for the issertation has been incorporated in the report. The project report has been approved as it satisfies the academic requirements in respect of project report prescribed for Master of Science in Zoology.

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Date:

Place: MYSURU



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#### CERTIFICATE

This is to certify that the project work entitled "A STUDY ON BUTTERFLY (INSECTA: LEPIDOPTERA) DIVERSITY IN AND AROUND JSS COLLEGE CAMPUS, MYSURU, KARNATAKA" submitted by Ms. NEHA ZABEEN, 4th semester M.Sc., in Zoology. This project work was carried out and completed under the guidance of Dr. K. S. Raghunandan, Assistant Professor, PG Department of Zoology, JSSCACS submitted in partial fulfillment for the award of Master of Science in Zoology during the year 2020-2021

This part of work has not been submitted elsewhere for any other degree or diploma.

Date: / /2021

Place: Mysuru

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#### CERTIFICATE

This is to certify that the project work entitled "A BRIEF STUDY ON, MAJOR COCONUT PEST RHINOCEROS BEETLE, AT K R NAGAR TALUK, KARNATAKA" Submitted by Ms. G Shivaleela M.Sc., IV Semester, in Zoology. This research work was carried out and completed under the guidance of Dr. K. S. Raghunandan Assistant Professor, PG Department of Zoology, JSSCACS. for the partial fulfilment of the requirement for the award of degree of Master of Science in Zoology during the year 2020-2021.

This part of work has not been submitted elsewhere for any other degree or diploma.

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Date: / /2021

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#### CERTIFICATE

This is to certify that the project entitled "Morphometric and Biochemical Analysis of Pampus argenteus in Mysuru Karnataka" is a bonafide work carried out by Ms. DIVYA H.R, under the guidance of Dr. RAMYASHREE M, for the partial fulfilment of the requirement for the award of the degree Master of Science (M.Sc.,) in Zoology in the JSS College of Arts, Commerce and Science (Autonomous) during the year 2020-2021. It is certified that all corrections and suggestions indicated for the dissertation has been incorporated in the report. The project report has been approved as it satisfies the academic requirements in respect of project report prescribed for Master of Science in Zoology.

Date:

Place: MYSURU

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## CERTIFICATE

This is to certify that the project work entitled "A BRIEF STUDY ON FEW INSECT PESTS RECORDED AT PADDY FIELD IN KOLLEGAL TALUK" Submitted by Ms. Eshwari B. M., M.Sc., IV Semester, in Zoology. This research work was carried out and completed under the guidance of Dr. K. S. Raghunandan Assistant Professor, PG Department of Zoology, JSSCACS for the partial fulfilment of the requirement for the award of degree of Master of Science in Zoology during the year 2020-2021.

This part of work has not been submitted elsewhere for any other degree or diploma.

Date: / /2021

Place: Mysuru

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## CERTIFICATE

This is to certify that the project work entitled "A survey on use of home remedies for gastritis, arthritis and migraine among the selected elder groups" submitted by Ms. Jyothi K., M.Sc., IV Semester, M.Sc., in Zoology, is a bonafied research work carried out by and completed under the guidance of Dr. Nijagal.B.S, Assistant professor, Postgraduate Department of Zoology, JSS College of Arts, Commerce and Science for the partial fulfilment of the requirement for the award of degree of Master of Science in Zoology during the year 2020-2021. This project work has not been submitted in part or full elsewhere for any other degree or diploma.

Date: / /2021

Place: Mysuru

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Prof. H. C. Honnappa



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### CERTIFICATE

This is to certify that the project work entitled "A brief review on spider diversity" Submitted by Ms. Nithya.k, IV Semester, M.Sc., in Zoology, is a review work carried out by her and completed under the guidance of Dr. Nijagal.B.S, Assistant Professor, Postgraduate Department of Zoology, JSS College of Arts, Commerce and Science for the partial fulfillment of the requirement for the award of degree of Master of Science in Zoology during the year 2020-2021. This project work has not been submitted in part or full elsewhere for any other degree or diploma.

Date:

Place: Mysuru

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Ph: 0821-2548236 & 2548380, FAX: 0821-2548238 Email: jssautunomous@gmail.com Website: JSSCACS.edu.in

#### CERTIFICATE

This is to certify that the project work entitled "A STUDY ON DIFFERENT SPECIES OF CHEWING LICE IN DOMESTICATED PIGEONS AND FECAL MATTER ANALYSIS OF DISEASED PIGEONS" is a bonafide work carried out by Mr. Yathish V, under the guidance of Dr. Ramyashree M, for the partial fulfilment of the requirement for the award of the degree Master of Science (M.Sc.,) in Zoology in the JSS College of Arts, Commerce and Science (Autonomous) during the year 2019-2020. It is certified that all corrections and suggestions indicated for the dissertation has been incorporated in the report. The project report has been approved as it satisfies the academic requirements in respect of project report prescribed for Master of Science in Zoology

Date: / /2021

Place: Mysuru

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

## CERTIFICATE

This is to certify that the project work entitled "A survey on childhood obesity among school going children at Terakanambi village, Gundlupete taluk, Chamaraja nagar district" submitted by Ms. Meghapriya T.M., M.Sc., IV Semester, M.Sc., in Zoology is a bonafied research work carried out by and completed under the guidance of Dr.Nijagal.B.S, Assistant professor, Postgraduate Department of Zoology, JSS College of Arts, Commerce and Science for the partial fulfilment of the requirement for the award of degree of Master of Science in Zoology during the year 2020-2021. This project work has not been submitted in part or full elsewhere for any other degree or diploma.

Date: / /2021

Place: Mysuru

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

Prof. H. C. Honnappa

(An Autonomous College of University of Mysore) B N Road, MYSUSRU - 570025 KARNATAKA Re-accredited by NAAC with 'A' grade

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#### CERTIFICATE

This is to certify that the project entitled "AN OBSERVATION OF BIRD FOUND AROUND THE BELAGOLA VILLAGE SRIRANGAPATTANA TALUK, MANDYA DISTRICT, KARNATAKA" is a bonafide work carried out by Mr. MILAN.S.P, under the guidance of Dr. RAMYASHREE M, for the partial fulfillment of the requirement for the award of the degree Master of Science (M.Sc.,) in Zoology in the JSS College of Arts, Commerce and Science (Autonomous) during the year 2020-2021.It is certified that all corrections and suggestions indicated for the dissertation has been incorporated in the report. The project report has been approved as it satisfies the academic requirements in respect of project report prescribed for Master of Science in Zoology.

Date:

Place: MYSURU

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#### CERTIFICATE

This is to certify that the project entitled "MAJOR FOUINE COLIC DISEASES OF THOROUGH-BRED AT BANGALORE TURE CLUB" is a bonafide work carried out by Mr. MOHAMMAD SOHAIL BANAKAR, under the guidance of Dr.RAMYASHREE.M, for the partial fulfilment of the requirement for the award of the degree Master of Science (M.Sc.,) in Zoology in the JSS College of Arts, Commerce and Science (Autonomous) during the year 2020-2021. It is certified that all corrections and suggestions indicated for the dissertation has been incorporated in the report. The project report has been approved as it satisfies the academic requirements in respect of project report prescribed for Master of Science in Zoology.

Date:

Place: MYSURU

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#### CERTIFICATE

This is to certify that the project entitled "A STUDY ON MANGO PESTS AT DIFFERENT VILLAGES OF SIRSI TALUK, UTTAR KANNADA DISTRICT, KARNATAKA" is a bonafide work carried out by Ms. MADHUSHREE RAVINDRA KOLEKAR, under the guidance of Dr. RAMYASHREE M, for the partial fulfilment of the requirement for the award of the degree Master of Science (M.Sc.,) in Zoology in the JSS College of Arts, Commerce and Science (Autonomous) during the year 2020-2021. It is certified that all corrections and suggestions indicated for the dissertation has been incorporated in the report. The project report has been approved as it satisfies the academic requirements in respect of project report prescribed for Master of Science in Zoology.

Date:

Place: MYSURU

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#### ISS MAHAVIDIAPPETHA

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#### CERTIFICATE

This is to certify that the project work entitled "A STUDY ON MORPHOMETRICS OF SARDINELLA LONGICEPS L." Submitted by Ms. Pooja B. N., M.Sc., IV Semester, in Zoology. This research work was carried out and completed under the guidance of Dr. K. S. Raghunandan Assistant Professor, PG Department of Zoology, JSSCACS for the partial fulfilment of the requirement for the award of degree of Master of Science in Zoology during the year 2020-2021.

This part of work has not been submitted elsewhere for any other degree or diploma.

Date: / /2021

Place: Mysuru

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

#### CERTIFICATE

This is to certify that the project work entitled "A BREIF REVIEW ON ADULTERATION OF MILK AND ITS DETECTION." Submitted by Ms. Shivani noola., M.Sc., IV Semester, in Zoology. This research work was carried out and completed under the guidance of Dr. K. S. Raghunandan assistant professor for the partial fulfilment of the requirement for the award of degree of Master of Science in Zoology during the year 2020-2021.

This part of work has not been submitted elsewhere for any other degree or diploma.

Date: / /2021

Place: Mysuru

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Ooty Rop : MYSURU-25

(An Autonomous College of University of Mysuru) B N Road, MYSUSRU - 570025 KARNATAKA Re-accredited by NAAC with 'A' grade Recognized by UGC as "College with Potential for Excellence" Ph: 0821-2548236 & 2548380, FAX: 0821-2548238 Email: jssautonomous@gmail.com Website: JSSCACS.edu.in

## CERTIFICATE

This is to certify that the project entitled "Morphometric and Biochemical Analysis of Rastrelliger Kanagurta in Mysuru, Karnataka" is a bonafide work carried out by Ms. SIYA P P, under the guidance of Dr. RAMYASHREE M, for the partial fulfilment of the requirement for the award of the degree Master of Science (M.Sc.,) in Zoology in the JSS College of Arts, Commerce and Science (Autonomous) during the year 2020-2021.It is certified that all corrections and suggestions indicated for the dissertation has been incorporated in the report. The project report has been approved as it satisfies the academic requirements in respect of project report prescribed for Master of Science in Zoology.

Date: 16-09-2021

Place: MYSURU

JSS College of Arts, Curimerce & Science (ProfDHbCBdeO WYSUPPU-25



#### 155 MAHAVIDVAPEETHA

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

#### CERTIFICATE

This is to certify that the project work entitled "A BRIEF REVIEW ON THE FORAGING ECOLOGY OF CATTLE egrets Bubylous ibis." Submitted by Ms. Tejaswini.S., M.Sc., IV Semester, in Zoology. This research work was carried out and completed under the guidance of Dr. Nijagal. B.S for the partial fulfilment of the requirement for the award of degree of Master of Science in Zoology during the year 2020-2021.

This part of work has not been submitted elsewhere for any other degree or diploma.

Date: / /2020

Place: Mysuru

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



## JSS COLLEGE OF ARTS, COMMERCE & SCIENCE

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#### CERTIFICATE

This is to certify that the project work entitled "A BRIEF REPORT ON COMMON FOOD ALLERGY FROM BALLARI CITY, KARNATAKA" Submitted by MS. Mercy Serena, D., M.Sc., IV Semester, in Zoology. This research work was carried out and completed under the guidance of Dr. K. S. Raghunandan Assistant Professor, PG Department of Zoology, JSSCACS for the partial fulfilment of the requirement for the award of degree of Master of Science in Zoology during the year 2020-2021.

This part of work has not been submitted elsewhere for any other degree or diploma.

Date: / /2021

Place: Mysuru

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



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28 0821-2548236 & 2548380 Fax: 0821-2548238 E-mail: jssautonomous@gmail.com

## CERTIFICATE

This is to certify that the project work entitled "A BRIEF REVIEW ON FEW COMMON ALLERGIES TO HUMAN BEINGS" Submitted by Mrs. Monisha K. M., M.Sc., IV Semester, in Zoology. This research work was carried out and completed under the guidance of Dr. K. S. Raghunandan, Assistant Professor, PG Department of Zoology, and JSSCACS. For the partial fulfilment of requirement for the award of degree of Master of Science in Zoology during the year 2020-2021.

This part of work has not been submitted elsewhere for any other degree or diploma.

Date: / /2021

Place: Mysuru

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#### CERTIFICATE

to certify that the project entitled "PREVALENCE AND IDENTIFICATION OF TICKS ON DIFFERENT DOMESTIC ANIMALS IN FEW VILLAGES OF CHAMARAJANAGAR DISTRICT" is a bonafide work carried out by Mr. HEMANTH KUMAR K, under the guidance of Dr. RAMYASHREE M, for the partial fulfilment of the requirement for the award of the degree in Master of Science (M.Sc.,) in Zoology in the JSS College of Arts, Commerce and Science (Autonomous) during the year 2020-2021. It is certified that all corrections and suggestions indicated for the dissertation has been incorporated in the report. The project report has been approved as it satisfies the academic requirements in respect of project report prescribed for Master of Science in Zoology.

Date:

Place: MYSURU

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(Prof HICHANNAPPA)

JSS Coffeye of Arts, Cultimerce & Science Ooty Rop MYSURU-25



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## CERTIFICATE

This is to certify that the project work entitled "A STUDY ON AVIFAUNAL DIVERSITY AT K.R.NAGAR TALUK, MYSURU DISTRICT. Submitted by Mr. Dharmesh M. S., M.Sc., IV Semester, in Zoology. This research work was carried out and completed under the guidance of Dr. K. S. Raghunandan for the partial fulfilment of the requirement for the award of degree of Master of Science in Zoology during the year 2019-2020.

This part of work has not been submitted elsewhere for any other degree or diploma.

Date: / /2021

Place: Mysuru

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#### CERTIFICATE

This is to certify that the project work entitled "A PRELIMINARY SURVEY ON POLYCYSTIC OVARIAN SYNDROME AMONGSTUDENTS AT MYSURU AND RANIBENNUR" submitted by Ms. Chethana G Melagiri, 4th semester M.Sc., in Zoology. This research work was carried out and completed under the guidance of Dr. K. S. Raghunandan, for the partial fulfilment of the requirement for the award of degree of Master of Science in Zoology during the year 2020-2021.

This part of work has not been submitted elsewhere for any other degree or diploma.

Date:

Place: Mysuru

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#### CERTIFICATE

This is to certify that the project work entitled "A survey on tick infestation on domestic dogs in selected areas of Magadi town, Ramanagara district, Karnataka state" Submitted by Ms. Chandana R., IV Semester, M.Sc., in Zoology, is a bonafied research work carried out by her and completed under the guidance of Dr. Nijagal.B.S, Assistant Professor, Postgraduate Department of Zoology, JSS College of Arts, Commerce and Science for the partial fulfillment of the requirement for the award of degree of Master of Science in Zoology during the year 2020-2021. This project work has not been submitted in part or full elsewhere for any other degree or diploma.

Date: 15/09/2021

Place: Mysuru

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### CERTIFICATE

This is to certify that the project work entitled "A brief review on Inversion polymorphism in Drosophila species" submitted by Ms.Bindu, IV Semester, M.Sc., in Zoology, is a review work carried out by her and completed under the guidance of Dr.Nijagal.B.S, Assistant Professor, Postgraduate Department of Zoology, JSS College of Arts, Commerce and Science for the partial fulfillment of the requirement for the award of degree of Master of Science in Zoology during the year 2020-2021. This project work has not been submitted in part or full elsewhere for any other degree or diploma.

Date: 15 09 2021

Place: Mysuru

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

### CERTIFICATE

This is to certify that the project work entitled "A brief review on Inversion polymorphism in Drosophila species" Submitted by Ms. DEEPA G., IV Semester, M.Sc., in Zoology, is a review work carried out by her and completed under the guidance of Dr. Nijagal.B.S, Assistant Professor, Postgraduate Department of Zoology, JSS College of Arts, Commerce and Science for the partial fulfillment of the requirement for the award of degree of Master of Science in Zoology during the year 2020-2021. This project work has not been submitted in part or full elsewhere for any other degree or diploma.

Date: 15/09/2021

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Place: Mysuru

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#### CERTIFICATE

This is to certify that the project entitled "A STUDY OF SPIDER DIVERSITY AT FOOT STEPS OF CHAMUNDI HILLS AND URBAN PARKS OF MYSORE. KARNATAKA" is a bonafide work carried out by Ms. ANUSHA R, under the guidance of Dr. RAMYASHREE M, for the partial fulfilment of the requirement for the award of the degree Master of Science (M.Sc.,) in Zoology in the JSS College of Arts, Commerce and Science (Autonomous) during the year 2020-2021. It is certified that all corrections and suggestions indicated for the dissertation has been incorporated in the report. The project report has been approved as it satisfies the academic requirements in respect of project report prescribed for Master of Science in Zoology.

Date:

Place: MYSURU

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Only Road MYSURU-25



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#### CERTIFICATE

This is to certify that the project work entitled "A STUDY ON MILK ADULTERATION AND ITS DETECTION." Submitted by Ms. Arpitha Koppalkar., M.Sc., IV Semester, in Zoology. This research work was carried out and completed under the guidance of Dr. Nijagal.B.S for the partial fulfilment of the requirement for the award of degree of Master of Science in Zoology during the year 2020-2021.

This part of work has not been submitted elsewhere for any other degree or diploma.

Date: / /2020

Place: Mysuru

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#### CERTIFICATE

This is to certify that the project entitled "OBSERVATION OF CRAB SPECIES IN THE MANGROVES OF KADALUNDI VALLIKUNNE COMMUNITY RESERVE, KOZHIKODE, KERALA" is a bonafide work carried out by MS. ARYA S KUMAR, under the guidance of Dr. RAMYASHREE M, for the partial fulfilment of the requirement for the award of the degree Master of Science (M.Sc.,) in Zoology in the JSS College of Arts, Commerce and Science (Autonomous) during the year 2020-2021. It is certified that all corrections and suggestions indicated for the dissertation has been incorporated in the report. The project report has been approved as it satisfies the academic requirements in respect of project report prescribed for Master of Science in Zoology.

Date:

Place: MYSURU

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### **CERTIFICATE**

This is to certify that the project entitled "A study on diversity of wasp in JSScampus Mysuru, Karnataka" is a bonafide work carried out by Mr. Mahadevaprasad M.B under the guidance of Dr. NIJAGAL B.S, for the partial fulfilment of the requirement for the award of the degree Master of Science (M.Sc.,) in Zoology in the JSS College of Arts, Commerce and Science (Autonomous) during the year 2021-2022. It is certified that all corrections and suggestions indicated for the dissertation has been incorporated in the report. The project report has been approved as it satisfies the academic requirements in respect of project report prescribed for Master of Science in Zoology.

Date:

Place: MYSURU

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Prof. VISAY ENTR FACTOMATE M.R.)



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

## CERTIFICATE

This is to certify that the project "Laboratory method for extraction of microplastics from sediment sample of Manglore coastal regions, Karnataka" is a bonafide work carried out by Mr. CHAKRESH JAIN H P under the guidance of Dr NIJAGAL B S for the partial fulfilment of the requirement for the award of the degree Master of Science (M.Sc.,) in Zoology in the JSS College of Arts, Commerce and Science (Autonomous) during the year 2021-2022. It is certified that all corrections and suggestions indicated for the dissertation has been incorporated in the report. The project report has been approved as it satisfies the academic requirements in respect of project report prescribed for Master of Science in Zoology.

Date:

Place: Mysuru

d.B.S. College of Arts, Commerce & Se Ben lengue-Ooty Bood, MYSORE-4

(Prof VIJAYENDRA KUMAR M P)





(An Autonomous College of University of Mysore) B N Road,
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#### CERTIFICATE

This is to certify that the project entitled "A Study on abundance of Copepods and physicochemical parameters in Gobli lake, Mysuru" is a bonafide work carried out by Mr. DARSHAN KUMAR D under the guidance of Dr. NIJAGAL B.S, for the partial fulfilment of the requirement for the award of the degree Master of Science (M.Sc.,) in Zoology in the JSS College of Arts, Commerce and Science (Autonomous) during the year 2021-2022. It is certified that all corrections and suggestions indicated for the dissertation has been incorporated in the report. The project report has been approved as it satisfies the academic requirements in respect of project report prescribed for Master of Science in Zoology.

Date: 06-08-2022

Place: MYSURU

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#### **CERTIFICATE**

This is to certify that the project work entitled "SOLID AND LIQUID WASTE

MANAGEMENT IN JSS INSTITUTIONS IN MYSURU CITY" submitted by Ms. NAYANA.M.C, 4th semester M.Sc., in Zoology. This project work was carried out and completed under the guidance of Dr .M. RAMYASHREE, submitted in partial fulfillment for the award of Master of Science in Zoology during the year 2021-2022.

This part of work has not been submitted elsewhere for any other degree or diploma.

Date: -08-2022

Place: Mysuru

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

### **CERTIFICATE**

This is to certify that the project entitled A Survey On Human-Elephant Conflict At Tenginakallu State Forest, Channapatna Taluk, Karnataka, India is a bonafide work carried out by Mr. RAKESH KUMAR B R under the guidance of Dr.NIJAGAL B.S, for the partial fulfilment of the requirement for the award of the degree Master of Science (M.Sc.,) in Zoology in the JSS College of Arts, Commerce and Science (Autonomous) during the year 2021-2022. It is certified that all corrections and suggestions indicated for the dissertation has been incorporated in the report. The project report has been approved as it satisfies the academic requirements in respect of project report prescribed for Master of Science in Zoology.

Date:

Place: MYSURU

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Benjengud-Ooty Bood, MYSOREMAR M.P.)

(Prof. VIJAYENDRA KUMAR M.P.)



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Ooty road, mysore-570025, Karnataka



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

#### **CERTIFICATE**

This is to certify that the project "A study on management and honey production of Apis cerana in Bilagi village (Uttar Kannada District)" is a bonafide work carried out by Ms. ANUSHA A S under the guidance of Dr NIJAGAL B S for the partial fulfilment of the requirement for the award of the degree Master of Science (M.Sc.,) in Zoology in the JSS College of Arts, Commerce and Science (Autonomous) during the year 2021-2022. It is certified that all corrections and suggestions indicated for the dissertation has been incorporated in the report. The project report has been approved as it satisfies the academic requirements in respect of project report prescribed for Master of Science in Zoology.

Date:

Place: Mysuru

### Jangud-Ooty Boad, MYSORF-4

(Prof. VIJAYENDRA KUMAR M P)



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

#### **CERTIFICATE**

This is to certify that the project "Studies on morphometry of stingless bees with varying nesting places and patterns." is a bonafide work carried out by Ms. GREESHMA K T under the guidance of Dr NIJAGAL B S for the partial fulfilment of the requirement for the award of the degree Master of Science (M.Sc.,) in Zoology in the JSS College of Arts, Commerce and Science (Autonomous) during the year 2021-2022. It is certified that all corrections and suggestions indicated for the dissertation has been incorporated in the report. The project report has been approved as it satisfies the academic requirements in respect of project report prescribed for Master of Science in Zoology.

Date:

Place: Mysuru

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Ben jangué-Ooty Bood, MYSORE-

(Prof. VIJAYENDRA KUMAR M P)



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#### CERTIFICATE

This is to certify that the project entitled "Morphometrics Study of worker Indian Honey bee Apis cerana in Bilagi village, Siddapur taluk of Uttara Kannada District" is a bonafide work carried out by Ms ASHA RANI G under the guidance of Dr NIJAGAL B.S, for the partial fulfilment of the requirement for the award of the degree Master of Science (M.Sc.,) in Zoology in the JSS College of Arts, Commerce and Science (Autonomous) during the year 2021-2022. It is certified that all corrections and suggestions indicated for the dissertation have been incorporated into the report. The project report has been approved as it satisfies the academic requirements in respect of the project report prescribed for the Master of Science in Zoology.

Date:

Place: MYSURU

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### **CERTIFICATE**

This is to certify that the project entitled "A study on Checklist of fishes and socio-economic status of fishermen at Sagarkatte village, K R Nagar taluk, Mysore district" is a bonafide work carried out by Ms. SAHANA S under the guidance of Dr. NIJAGAL B.S, for the partial fulfilment of the requirement for the award of the degree Master of Science (M.Sc.,) in Zoology in the JSS College of Arts, Commerce and Science (Autonomous) during the year 2021-2022. It is certified that all corrections and suggestions indicated for the dissertation has been incorporated in the report. The project report has been approved as it satisfies the academic requirements in respect of project report prescribed for Master of Science in Zoology.

Date:

Place: MYSURU

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#### **CERTIFICATE**

This is to certify that the project entitled "THE PRELIMINARY STUDY OF SUGARCANE PESTS IN BEVINAHALLI VILLAGE, MANDYA DISTRICT" is a bonafide work carried out by Mr.CHANDAN.B.U under the guidance of Dr.NIJAGAL.B.S, Assistant Professor., for the partial fulfilment of the requirement for the award of the degree Master of Science (M.Sc.,) in Zoology in the JSS College of Arts, Commerce and Science (Autonomous) during the year 2021-2022. It is certified that all corrections and suggestions indicated for the dissertation has been incorporated in the report. The project report has been approved as it satisfies the academic requirements in respect of project report prescribed for Master of Science in Zoology.

Date:

Place: MYSURU

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#### CERTIFICATE

This is to certify that the project work entitled" A STUDY ON PREVELANCE OF CLINICAL MASTITIS IN AND AROUND MYSURU, KARNATAKA "submitted by Ms. CHAITHRA H.K, IV Semester, M.Sc., in Zoology. This project work was carried out and completed under the guidance of Dr. NIJAGAL B.S, submitted in partial fulfillment for the award of Master of Science in Zoology during the year 2021-2022.

This part of work has not been submitted elsewhere for any other degree or diploma.

Date: 06 - 08 - 2022

Place: Mysuru

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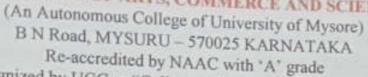
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Renlangud-Ooty Road, 487 SORE M.P.

Prof. Vijayendra Kumar M.P.



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Website:JSSCACS.edu.in

### CERTIFICATE

This is to certify that the project entitled "Diversity of nectariferous and polleniferous bee flora and floral calendar of honey bees in JSS College campus, Mysuru" is a bonafide work carried out by Ms. NISARGA H.R under the guidance of Dr. NIJAGAL B.S , for the partial fulfilment of the requirement for the award of the degree Master of Science (M.Sc.,) in Zoology in the JSS College of Arts, Commerce and Science (Autonomous) during the year 2021-2022. It is certified that all corrections and suggestions indicated for the dissertation has been incorporated in the report. The project report has been approved as it satisfies the academic requirements in respect of project report prescribed for Master of Science in Zoology.

Date: 06-08-22

Place: MYSURU

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

#### **CERTIFICATE**

This is to certify that the project "A study on avian diversity of Karanji lake, Mysuru" is a Bonafide work carried out by Mr. SUSHANTH S under the guidance of Dr. NIJAGAL B. S. for the partial fulfilment of the requirement for the award of the degree Master of Science (M.Sc.,) in Zoology in the JSS College of Arts, Commerce and Science (Autonomous) during the year 2021-2022. It is certified that all corrections and suggestions indicated for the dissertation has been incorporated in the report. The project report has been approved as it satisfies the academic requirements in respect of project report prescribed for Master of Science in Zoology.

Date:

Place: Mysuru

PRINCIPAL PRINCIPAL

Bea Jangue-Ooty Boad, MY SORE-4

( Prof. VIJAYENDRA KUMAR M. P)



## JSS COLLEGE OF ARTS, COMMERCE & SCIENCE

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



#### CERTIFICATE

This is to certify that the project work entitled "Diversity of Freshwater Molluscs in Panamaram and Valapattanam Riverbanks of Wayanad and Kannur districts of Kerala" submitted by Ms. ANAKHA JOHNSON and Ms. ASHA KURIAN, 4th semester M.Sc., in Zoology was carried out and completed under the guidance of Dr. NIJAGAL B.S., Assistant Professor, PG Department of Zoology, JSSCACS for the partial fulfilment of the requirement for the award of degree of Master of Science in Zoology during the year 2021-2021.

This part of work has not been submitted elsewhere for any other degree or diploma.

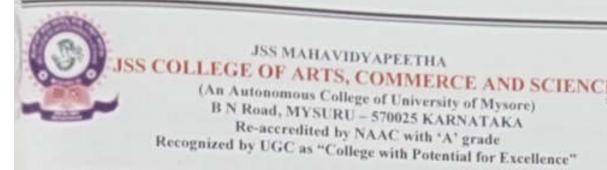
/ /2022 Date:

Place: MYSURU

CIPAL PRINCIPAL

4.8.8. College of Arts, Commerce & Scie-

(Prof. VIJAYENDRA KUMAR M.P.)



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

# **CERTIFICATE**

This is to certify that the project entitled "A STUDY ON INSECT DIVERSITY AT HOSAHOLLALU AND RAYASAMUDRA VILLAGE, KRISHNARAJAPETE TALUK, MANDYA DISTRICT" is a bonafide work carried out by Ms. SUSHMITHA R.P under the guidance of Dr. NIJAGAL B.S. for the partial fulfilment of the requirement for the award of the degree Master of Science (M.Sc.,) in Zoology in the JSS College of Arts, Commerce and Science (Autonomous) during the year 2021-2022. It is certified that all corrections and suggestions indicated for the dissertation has been incorporated in the report. The project report has been approved as it satisfies the academic requirements in respect of project report prescribed for Master of Science in Zoology.

Date:

Place: MYSURU

PRINCIPAL

Prof. VII. TY FNIR PROMOTONES.



# JSS MAHAVIDYAPEETHA JSS COLLEGE OF ARTS, COMMERCE AND SCIENCE



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

## **CERTIFICATE**

This is to certify that the project work entitled "SURVEY ON THREE MAJOR COCONUT PESTS AT SHEGEBAGI VILLAGE, CHIKNAYAKANAHALLI TALUK, TUMKUR DISTRICT, KARNATAKA." is a bonafide research work carried out by Ms. Surabhi. T.N. M.Sc., IV Semester and completedunder the guidance of Dr. Nijagal. B.S., Assistant professor, PG Department of Zoology JSSCACS for the partial fulfilment of the requirement for the award of degree of Master of Science in Zoology during the year 2021-2022. This part of work has not been submitted elsewhere for any other degree or diploma.

PRINCIPAL
PRINCIPAL

A.S. College of Arts, Commerce & Science
Regionard Control Science

Prof. VIJAYENDRA KUMAR M.P

Date:

Place: MYSURU



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

## CERTIFICATE

This is to certify that the project entitled "Study of Tardigrade at Haralahalli, Nagamangala Taluk, Mandya District." is a bonafide work carried out by Ms. SANDHYA H G under the guidance of Dr. NIJAGAL B.S., for the partial fulfilment of the requirement for the award of the degree Master of Science (M.Sc.,) in Zoology in the JSS College of Arts, Commerce and Science (Autonomous) during the year 2021-2022. It is certified that all corrections and suggestions indicated for the dissertation has been incorporated in the report. The project report has been approved as it satisfies the academic requirements in respect of project report prescribed for Master of Science in Zoology.

Date:

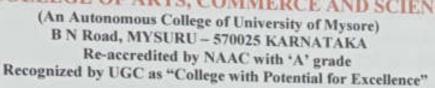
Place: MYSURU

PRINCIPAL ,

Prof. VIJAYENDRACKUNTARSVEP)



# JSS COLLEGE OF ARTS, COMMERCE AND SCIENCE





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

## CERTIFICATE

This is to certify that the project entitled "A study on zooplankton diversity (Rotifers and cladocerans) and physicochemical parameters in Gobli lake, Mysuru" is a bonafide work carried out by Ms. NEHA KHANUM R & Ms. NABIYA under the guidance of Dr. NIJAGAL B.S, for the partial fulfilment of the requirement for the award of the degree Master of Science (M.Sc.,) in Zoology in the JSS College of Arts, Commerce and Science (Autonomous) during the year 2021-2022. It is certified that all corrections and suggestions indicated for the dissertation has been incorporated in the report. The project report has been approved as it satisfies the academic requirements in respect of project report prescribed for Master of Science in Zoology.

Date:06-08-2022

Place: MYSURU

PRINCIPAL

Prot VIJAT ENDRA RUMERADA



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### CERTIFICATE

This is to certify that the project entitled "DETERMINATION OF LC50 OF CHLORPYRIFOS ON DROSOPHILA MELANOGASTER AND ITS EFFECT ON LOCOMOTOR BEHAVIOUR AND REPRODUCTIVE ABILITY" is a bonafide work carried out by Ms. ROHINI under the guidance of Dr. RAMYASHREE M., for the partial fulfilment of the requirement for the award of the degree Master of Science (M.Sc.,) in Zoology in the JSS College of Arts, Commerce and Science (Autonomous) during the year 2021-2022. It is certified that all corrections and suggestions indicated for the dissertation has been incorporated in the report. The project report has been approved as it satisfies the academic requirements in respect of project report prescribed for Master of Science in Zoology.

Date:

Place: MYSURU

PRINCIPAL

8.8. Sellege of Arts, Commerce & Science
Ben langud-Octy Road. MYSONE 4

(Prof. M. P. VIJAYENDRA KUMAR)



# JSS MAHAVIDYAPEETA JSS COLLEGE OF ARTS, COMMERCE AND SCIENCE

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# **CERTIFICATE**

This is to certify that the project work entitled "SOLID AND LIQUID WASTE

MANAGEMENT IN JSS INSTITUTIONS IN MYSURU CITY" submitted by Ms.

OMSHREE.H.R., 4th semester M.Sc., in Zoology. This project work was carried out and completed under the guidance of Dr. M. RAMYASHREE, submitted in partial fulfillment for the award of Master of Science in Zoology during the year 2021-2022.

This part of work has not been submitted elsewhere for any other degree or diploma.

Date: -08-2022

Place: Mysuru

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### CERTIFICATE

This is to certify that the project entitled "A SURVEY ON MANAGEMENT OF POULTRY FARM IN ARSIKERE TALUK (DISEASES, PROFIT AND LOSS)"is a bonafide work carried out by Mr. PRAJWAL DR under the guidance of Dr. RAMYASHREE M, for the partial fulfilment of the requirement for the award of the degree Master of Science (M.Sc.,) in Zoology in the JSS College of Arts, Commerce and Science (Autonomous) during the year 2020-2021. It is certified that all corrections and suggestions indicated for the dissertation has been incorporated in the report. The project report has been approved as it satisfies the academic requirements in respect of project report prescribed for Master of Science in Zoology.

Date:

Place: MYSURU

PRINCIPAL PRINCIPAL

4-8.8. College of Arts, Commerce & Sc Benjacque-Ooty Bood, M (Prof. VIJAYENDRA KUMA





# JSS COLLEGE OF ARTS, COMMERCE AND SCIENCE

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Website: JSSCACS.edu.in

### CERTIFICATE

This is to certify that the project entitled A SURVEY ON DYSMENORRHEA IN A FEW VILLAGES OF MANDYA DISTRICT is a bonafide work carried out by Ms. Surabhi N under the guidance of Dr. Ramyashree M for the partial fulfillment of the requirement for the award of the degree Master of Science (M.Sc.,) in Zoology in the JSS College of Arts, Commerce and Science (autonomous) during the year 2021-2022-It is certified that all correction and suggestions indicated for the dissertation has been incorporated in the report. The project report has been approved as it satisfies the academic requirements in respect of project report described for Master of Science in Zoology.

Date:

Place: Mysuru

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### CERTIFICATE

This is to certify that the project entitled "A STUDY ON THE PREVALENCE ON DENTAL AND SKELETAL FLUOROSIS IN FLUORIDE ENDEMIC REGIONS OF MYSURU TALUK, KARNATAKA" is a bonafide work carried out by Ms. SOUMYA HIREMATH under the guidance of Dr. RAMYASHREE M, for the partial fulfilment of the requirement for the award of the degree Master of Science (M.Sc.,) in Zoology in the JSS College of Arts, Commerce and Science (Autonomous) during the year 2021-2022. It is certified that all corrections and suggestions indicated for the dissertation has been incorporated in the report. The project report has been approved as it satisfies the academic requirements in respect of project report prescribed for Master of Science in Zoology.

Date:

Place: MYSURU

PRINCIPAL

Maniengud-Ooty Road, MYSORF

(Prof. VIJAYENDRA KUMAR M.P.)

# JSS MAHAVIDYAPEETHA JSS COLLEGE OF ARTS, COMMERCE AND SCIENCE

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### CERTIFICATE

This is to certify that the project entitled "A survey of foot and mouth disease in cattle in selected villages of krishnarajanagara taluk, mysuru district, Karnataka state" is a bonafide work carried out by

Mr. BHARGAV KS under the guidance of Dr.

RAMYASHREE M, for the partial full filment of the requirement for the award of the degree Master of Science (M.Sc.,) in Zoology in the JSS College of Arts, Commerce and Science (Autonomous) during the year 2021-2022. It is certified that all corrections and suggestions indicated for the dissertation has been incorporated in the report. The project report has been approved as it satisfies the academic requirements in respect of project report prescribed for Master of Science in Zoology.

Date:

Place: Mysuru

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Bes | south Octy Bood, MYSORF.



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# CERTIFICATE

This is to certify that the project work entitled "A STUDY ON PREVALENCE OF CARDIOVASCUALR DISEASE (CVD) IN MYSURU CITY POPULATION "submitted by Ms. Brundashree.R, IV Semester, M.Sc., in Zoology. This project work was carried out and completed under the guidance of Dr. M. Ramyashree, submitted in partial fulfillment for the award of Master of Science in Zoology during the year 2021-2022.

This part of work has not been submitted elsewhere for any other degree or diploma.

Date:

Place: Mysuru

8.8. College of Arts, Commerce & Science rafa Mijayendrao Rumasovi. P

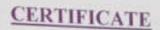


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This is to certify that the project work entitled "A SURVEY ON COMPARISON OF RATE OF DIABETIC PATIENTS IN URBAN (MYSORE CITY) AND RURAL (SUDI, VILLAGE RON TQ, GADAG DISTRICT)AREAS." submitted by Ms.AKSHATA ARER, 4th semester M.Sc., in Zoology. This research work was carried out and completed under the guidance of Dr. RAMYASHREE.M , Assistant Professor, Head of the Department , PG Department of Zoology, JSSCACS submitted in partial fulfillment for the award of Master of Science in Zoology during the year 2021-2022

This part of work has not been submitted elsewhere for any other degree or diploma.

Date: / /2022

Place: Mysuru.

# JSS COLLEGE OF ARTS, COMMERCE AND SCIENCE JSS MAHAVIDYAPEETHA

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# CERTIFICATE

This is to certify that the project entitled "Diversity Of Zooplanktons At Durgadevi Pond Located In Hirekerur Taluk, Haveri District, Karnataka" is a bonafide work carried out by Ms. Uma Hediyalmath under the guidance of Dr. RAMYASHREE M, for the partial fulfilment of the requirement for the award of the degree Master of Science (M.Sc.,) in Zoology in the JSS College of Arts, Commerce and Science (Autonomous) during the year 2021-2022.It is certified that all corrections and suggestions indicated for the dissertation has been incorporated in the report. The project report has been approved as it satisfies the academic requirements in respect of project report prescribed for Master of Science in Zoology.

Date:

Place: MYSURU

PRINCIPAL

4.8.8. College of Arts, Commerce ! Ben sogud-Oory Bond, MYSOME-6 (Prof. M.P.Vijayendrakumar)



# JSS COLLEGE OF ARTS, COMMERCE & SCIENCE

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OOTY ROAD, MYSORE - 570 025, KARNATAKA

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23 0821-2548236 & 2548380 Fax: 0821-2548238 E-mail jssautonomous@gmail.com

### CERTIFICATE

This is to certify that the project work entitled "A STUDY ON BUTTERFLY DIVERSITY AT BANASURA SAGAR DAM OF WAYANAD DISTRICT, KERALA" submitted by Ms.ADHEENA EK, 4th semester M.Sc., in Zoology. This research work was carried out and completed under the guidance of Dr. RAMYASHREE.M, Assistant Professor, Head of the Department, PG Department of Zoology, JSSCACS submitted in partial fulfillment for the award of Master of Science in Zoology during the year 2021-2022.

This part of work has not been submitted elsewhere for any other degree or diploma.

Date: / /2022

Place: Mysuru

PRINCIPAL

Ben Jeogud-Oosy Boad, MYSONE.4





# JSS COLLEGE OF ARTS, COMMERCE AND SCIENCE

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

## CERTIFICATE

This is to certify that the project entitled "Macrocheler Mites on Drosophila melanogaster "is a bonafide work carried out by Mr.Rakesh M.K under the guidance of Dr. RAMYASHREE M, for the partial fulfillment of the requirement for the award of the degree Master of Science (M.Sc.,) in Zoology in the JSS College of Arts, Commerce and Science (Autonomous) during the year 2021-2022.It is certified that all corrections and suggestions indicated for the dissertation has been incorporated in the report. The project report has been approved as it satisfies the academic requirements in respect of project report prescribed for Master of Science in Zoology.

Date:

Place: MYSURU

4.8.8. College of Arts, Commerce & Scient

(Prof. M.P. VIJAYENDRA KUMAR)



# JSS COLLEGE OF ARTS, COMMERCE AND SCIENCE

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Website: JSSCACS.edu.in

## CERTIFICATE

This is to certify that the project entitled "STUDY ON PARASITES IN FOOD FISHES AVAILABLE IN LOCAL MARKETS OF MYSORE CITY" is a bonafide work carried out by Ms.UMME SALMA under the guidance of Dr. RAMYASHREE M, for the partial fulfilment of the requirement for the award of the degree Master of Science (M.Sc.,) in Zoology in the JSS College of Arts, Commerce and Science (Autonomous) during the year 2021/2022.It is certified that all corrections and suggestions indicated for the dissertation has been incorporated in the report. The project report has been approved as it satisfies the academic requirements in respect of project report prescribed for Master of Science in Zoology.

Date:

Place: MYSURU

PRINCIPAL

d.B.B. Gallega of Arts, Commerce & Science Ban langud-Oosy Road. MYSOME-4

(Prof.M P VIJAYENDRA KUMAR)

# JSS MAHAVIDYAPEETHA JSS COLLEGE OF ARTS, COMMERCE AND SCIENCE

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### CERTIFICATE

This is to certify that the project entitled "A BRIEF STUDY ON TURMERIC PESTS IN RAMASAMUDRA CHAMARAJANAGARA DISTRICT" is a bonafide work carried out by Mr. Pavan B under the guidance of Dr. RAMYASHREE M, for the partial fulfillment of the requirement for the award of the degree Master of Science (M.Sc.,) in Zoology in the JSS College of Arts, Commerce and Science (Autonomous) during the year 2021-2022. It is certified that all corrections and suggestions indicated for the dissertation has been incorporated in the report. The project report has been approved as it satisfies the academic requirements in respect of project report prescribed for Master of Science in Zoology.

Date:

Place: MYSURU

PRINCIPAL

Bes segue-Ooty Bood, MYSORE-4 (Prof. M P VIJENDRA KUMAR)



# JSS COLLEGE OF ARTS, COMMERCE & SCIENCE

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



## CERTIFICATE

This is to certify that the project work entitled "A STUDY ON DIVERSITY AT ANNADATA ORGANIC FARM BUTTERFLY GANGADAHOSAHALLI, MYSURU, KARNATAKA" submitted by Mr. Halashankar Madivalar, 4th semester M.Sc., in Zoology. This project work was carried out and completed under the guidance of Dr. RAMYASHREE.M , Assistant Professor, Head of the Department , PG Department of Zoology submitted in partial fulfilment for the award of Master of Science in Zoology during the year 2021-2022

This part of work has not been submitted elsewhere for any other degree or diploma.

Date: / /2022

Place: Mysuru

an Jangue-Octy Bood, MYSORE-4

# JSS MAHAVIDYAPEETHA JSS COLLEGE OF ARTS, COMMERCE AND SCIENCE

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### CERTIFICATE

This is to certify that the project entitled "Study on Dog Ticks in Chamarajanagarcity" is a bonafide work carried out by Ms.Arpitha Joice S R under the guidance of Dr. RAMYASHREE M, for the partial fulfilment of the requirement for the award of the degree Master of Science (M.Sc.,) in Zoology in the JSS College of Arts, Commerce and Science (Autonomous) during the year 2021-2022. It is certified that all corrections and suggestions indicated for the dissertation has been incorporated in the report. The project report has been approved as it satisfies the academic requirements in respect of project report prescribed for Master of Science in Zoology.

Date: 10/08/22 Place: MYSURU

Ben jappud-Ooty Rood, MYSORF





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Ph: 0821-2548236 & 2548380, FAX: 0821-2548238 Email: jss autonomous@gmail.com Website:JSSCACS.edu.in

### CERTIFICATE

This is to certify that the project entitled "An Observation of Arthropods present in different Vermicomposting manures" is a bonafide work carried out by Ms.NIVEDITHA RAJ V G under the guidance of Dr. RAMYASHREE M, for the partial fulfilment of the requirement for the award of the degree Master of Science (M.Sc.,) in Zoology in the JSS College of Arts, Commerce and Science (Autonomous) during the year 2021-2022. It is certified that all corrections and suggestions indicated for the dissertation has been incorporated in the report. The project report has been approved as it satisfies the academic requirements in respect of project report prescribed for Master of Science in Zoology.

Date:

Place: MYSURU

PRINCIPAL

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Website: JSSCACS.edu.in

## CERTIFICATE

This is to certify that the project entitled "STUDY ON PARASITES IN FOOD FISHES AVAILABLE IN LOCAL MARKETS OF MYSORE CITY" is a bonafide work carried out by Ms. CHANDANA H M under the guidance of Dr. RAMYASHREE M, for the partial fulfilment of the requirement for the award of the degree Master of Science (M.Sc.,) in Zoology in the JSS College of Arts, Commerce and Science (Autonomous) during the year 2021/2022.It is certified that all corrections and suggestions indicated for the dissertation has been incorporated in the report. The project report has been approved as it satisfies the academic requirements in respect of project report prescribed for Master of Science in Zoology.

Date:

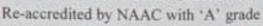
Place: Mysuru

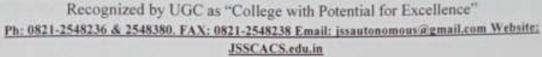
4.8. College of Arts, Commerce & Science (Prof. M P VIJAYENDRA KUMAR)



# JSS MAHAVIDYAPEETHA JSS COLLEGE OF ARTS, COMMERCE AND SCIENCE

(An Autonomous College of University of Mysore) B N Road, MYSURU – 570025 KARNATAKA





## **CERTIFICATE**

This is to certify that the project entitled "A Survey on diabetes patient in a Few Villages Charamajanagr District" is a bonafide work carried out by Mr. SHIVAPRASAD H L under the guidance of Dr. RAMYASHREE M, for the partial fulfilment of the requirement for the award of the degree Master of Science (M.Sc.,) in Zoology in the JSS College of Arts, Commerce and Science (Autonomous) during the year 2020-2021. It is certified that all corrections and suggestions indicated for the dissertation has been incorporated in the report. The project report has been approved as it satisfies the academic requirements in respect of project report prescribed for Master of Science in Zoology.

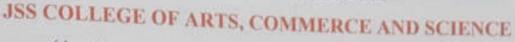
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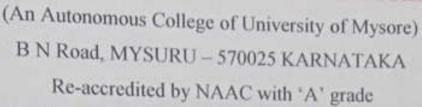
Place: MYSURU

PRINCIPAL

Ben/sogue-Goty Rood, MYSORF-4 (Prof. Vijayendra Kumar)







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### **CERTIFICATE**

PROFILE AND PROFIT OF FISH FARMERS AT KABINI BACK WATERS" is a bonafide work carried out by Ms. PRIYANKA C N under the guidance of Dr. RAMYASHREE M, for the partial fulfilment of the requirement for the award of the degree Master of Science (M.Sc.,) in Zoology in the JSS College of Arts, Commerce and Science (Autonomous) during the year 2021-2022. It is certified that all corrections and suggestions indicated for the dissertation has been incorporated in the report. The project report has been approved as it satisfies the academic requirements in respect of project report prescribed for Master of Science in Zoology.

Date:

Place: MYSURU

PRINCIPAL

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# JSS COLLEGE OF ARTS, COMMERCE AND SCIENCE

(An Autonomous College of University of Mysore) B N Road MYSURU – 570025 KARNATAKA Re-accredited by NAAC with A'grade Recognized by UGC as "College with Potential for Excellence"

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

## **CERTIFICATE**

This is to certify that the project entitled "Evaluation of phytochemical profile, bioefficacy and repellent activity of Piper longum against Sitophilus species" is a bonafide work carried out by M&. SOWMYA G under the guidance of Dr.RAMYASHREE M, HOD & Assistant Professor., for the partial fulfillment of the requirement for the award of the degree Master of Science (M.Sc.,) in Zoology in the JSS College of Arts, Commerce and Science (Autonomous) Ooty road Mysore during the year 2022-2023. It is certified that all corrections and suggestions indicated for the dissertation has been incorporated in the report. The project report has been approved as it satisfies the academic requirements in respect of project report prescribed for Master of Science in Zoology.

Date:

Place: MYSURU

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JSS College piávis, proverená ficience (Autonomous)

Ooty Road, MYSURU-570025



# JSS MAHAVIDYAPEETHA JSS COLLEGE OF ARTS, COMMERCE AND SCIENCE

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

### **CERTIFICATE**

This is to certify that the project entitled "A Case Study on Solid Waste Management of Four Different Sectors in Chikmagalur City" is a bonafide work carried out by Ms. SAHANA. J, Ms. G. LAXMI ANNAPURNA, Ms. PRIYANKA. Mand Ms. SANDHYA under the guidance of Dr. NIJAGAL. B.S, Assistant Professor., PG Department of Zoology for the partial fulfillment of the requirement for the award of the degree, Master of Science (M.Sc.,) in Zoology at JSS College of Arts, Commerce and Science (Autonomous), Ooty road, Mysuru during the year 2022-2023. It is certified that all corrections and suggestions indicated for the dissertation have been incorporated in the report. The project report has been approved as it satisfies the academic requirements in respect of the project report prescribed for Master of Science in Zoology.

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### CERTIFICATE

This is to certify that the project entitled "A Study on Avifauna diversity of two different Lakes at Mysuru City, Karnataka " is a bonafide work carried out by Mr. K M HARSHA under the guidance of Dr. RAMYASHREE M, HOD & Assistant Professor., for the partial fulfillment of the requirement for the award of the degree Master of Science (M.Sc.,) in Zoology in the JSS College of Arts, Commerce and Science (Autonomous) Ooty road Mysore during the year 2022-2023. It is certified that all corrections and suggestions indicated for the dissertation has been incorporated in the report. The project report has been approved as it satisfies the academic requirements in respect of project report prescribed for Master of Science in Zoology.

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Place : MYSURU

PRINCIPAL

JSS College of Arts, Commerce & Science

(Autonomous)

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28 0821-2548236 & 2548380 Fax: 0821-2548238 E-mail: jssautonomous@gmail.com



# CERTIFICATE

This is to certify that the project work entitled "Diversity of Lacertilia in and around Shimoga" submitted by Shilpa B., M.Sc., IV Semester, in Zoology. This research work was carried out and completed under the guidance of Dr. Navyashree.B for the partial fulfilment of the requirement for the award of degree of Master of Science in Zoology during the year 2019-2020. This part of work hasnot been submitted elsewhere for any other degree or diploma.

Date:

Place: Mysuru

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Oaty Road, MYSURU-570825



## JSS COLLEGE OF ARTS, COMMERCE & SCIENCE

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

### CERTIFICATE

This is to certify that the project work entitled "Isolation and identification of ecto and endo parasites from *Periplaneta americana* species in Mysuru district." Submitted by Megha, and Manoj. K. Burli of M.Sc., IV Semester, in Zoology. This research work was carried out and completed under the guidance of Dr.Navyashree.B for the partial fulfilment of the requirement for the award of degree of Master of Science in Zoology during the year 2021-2023.

This part of work has not been submitted elsewhere for any other degree or diploma.

Date:

Place: Mysuru

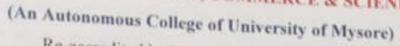
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0821-2548236 & Fax: 0821-2548238 E-mail:jssautonomous@gmail.com

### CERTIFICATE

This is to certify that the project work entitled "A Study on identification of risk factors in developing PCOS among the teenagers in JSSCACS Mysuru" Submitted by DIVYA .K., M.Sc., IV Semester, in Zoology. This research work was carried out and completed under the guidance of Dr. NAVYASHREE.B for the partial fulfillment of the requirement for the award of degree of Master of Science in Zoology during the year 2021-2023. This part of work has not been submitted elsewhere for any other degree or diploma.

Date:

Place: Mysuru

PRINCIPAL

JSS College of Arts Company & Science

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## CERTIFICATE

This is to certify that the project entitled "Evaluation of phytochemical profile, bioefficacy and repellent activity of Parmelia perlata against Sitophilus species" is a bonafide work carried out by Mr. SANJAY M S under the guidance of Dr.RAMYASHREE M, HOD & Assistant Professor., for the partial fulfillment of the requirement for the award of the degree Master of Science (M.Sc.,) in Zoology in the JSS College of Arts, Commerce and Science (Autonomous) Ooty road Mysuru during the year 2022-2023. It is certified that all corrections and suggestions indicated for the dissertation has been incorporated in the report. The project report has been approved as it satisfies the academic requirements in respect of project report prescribed for Master of Science in Zoology.

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Octy Road, MYSURU-570025



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8 (921-254529) \$ 254536 Fax (921-25429) 5 mail pseutonomous@grad.com

# CERTIFICATE

This is to certify that the project work entitled "A Survey on Ant Diversity in Krishnapura village, Heggadadevana kote taluk, Mysuru district, Kamtaka" Submitted by Ms. SUSHMITHA S B, M.Sc., 4th semester M.Sc., in Zoology. This research work was carried out and completed under the guidance of Dr. B S NIJAGAL Assistant Professor, PG Department of Zoology, JSSCACS for the partial fulfillment of the requirement for the award of degree of Master of Science in Zoology during the year 2022-2023.

This part of work has not been submitted elsewhere for any other degree or diploma.

Date:

Place: Mysuru

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Prof. DE'S Prathibha



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### CERTIFICATE

This is to certify that the project entitled "A Study on Avifaunal Diversity at Lingambudhi and Thippayyana Lake of Mysuru city, Karnataka" is a bonafide work carried out by Ms. KAVYASHREE N and Ms. VINAYA PAI A, under the guidance of Dr. NIJAGAL. B.S. Assistant Professor., PG Department of Zoology for the partial fulfillment of the requirement for the award of the degree, Master of Science (M.Sc.,) in Zoology at JSS College of Arts, Commerce and Science (Autonomous), Ooty road, Mysuru during the year 2022-2023. It is certified that all corrections and suggestions indicated for the dissertation have been incorporated in the report. The project report has been approved as it satisfies the academic requirements in respect of the project report prescribed for Master of Science in Zoology.

Date:

Place: MYSURU

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

## **CERTIFICATE**

This is to certify that the project entitled "A Survey on Sleeping Disturbances among workers of different age groups" is bonafide work carried out by Ms. TEJU SD, Ms. YASHASWINI TD, Mr. RAKSHITH GOWDA, Ms. SOWJANYA S under the guidance of Dr. NIJAGAL. B.S, Assistant Professor., PG Department of Zoology for the partial fulfillment of the requirement for the award of the degree, Master of Science (M.Sc.,) in Zoology at JSS College of Arts, Commerce and Science (Autonomous) Ooty road, Mysuru during the year 2022-2023. It is certified that all corrections and suggestions indicated for the dissertation have been incorporated in the report. The project report has been approved as it satisfies the academic requirements in respect of the project report prescribed for Master of Science in Zoology.

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#### CERTIFICATE

This is to certify that the project entitled "Morphological diversity and distributional patterns of Bivalves and Gastropods molluses on the coastal region of Malpe, Udupi District, Karnataka" is a bonafide work carried out by Mr. VINAY B S under the guidance of Dr. RAMYASHREE M, for the partial fulfilment of the requirement for the award of the degree Master of Science (M.Sc.,) in Zoology in the JSS College of Arts, Commerce and Science (Autonomous) during the year 2020-2023. It is certified that all corrections and suggestions indicated for the dissertation has been incorporated in the report. The project report has been approved as it satisfies the academic requirements in respect of project report prescribed for Master of Science in Zoology.

Date:

Place: MYSURU

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Only Road, MYSURU-570025

Dr. PRATHIBHA S



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### CERTIFICATE

This is to certify that the project entitled "A STUDY OF DIVERSITY OF CATTLE IN DIFFERENT VILLAGES OF YELAWALA HOBLI" is a bonafide work carried out by Ms. THANUSHREE M and VISMITHA P under the guidance of Dr.RAMYASHREE M, HOD & Assistant Professor., for the partial fulfillment of the requirement for the award of the degree Master of Science (M.Sc.,) in Zoology in the JSS College of Arts, Commerce and Science (Autonomous) Ootyroad Mysore during the year 2022-2023. It is certified that all corrections and suggestions indicated for the dissertation has been incorporated in the report. The project report has been approved as it satisfies the academic requirements in respect of project report prescribed for Master of Science in Zoology.

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25 0821-2548236 & 2548380 Fax: 0821-25-43238 E-mail: jssautonomous@gmail.com

### CERTIFICATE

This is to certify that the project work entitled "Study on diversity of Spiders in Kukkarahalli, Lingambudhi and Karanji Lake, Mysuru" Submitted by PUSHPA T K, RESHMA B A and SANTHOSH of M.Sc., IV Semester, in Zoology. This research work was carried out and completed under the guidance of Dr. Navyashree.B for the partial fulfilment of the requirement for the award of degree of Master of Science in Zoology during the year 2021-2023. This part of work has not been submitted elsewhere for any other degree or diploma.

Date:

Place: Mysuru

PRINCIPAL

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DAUSinBrettsibha
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2 0821-2548236 & 2548380 Fax: 0821-2548238 E-mail: jssautonomous@gmail.com



#### CERTIFICATE

This is to certify that the project work entitled "Larvicidal effects of methanolic leaf extract of Cordia dichotoma against Aedes aegypti" Submitted by Channabasav. M. Ganjihal of M.Sc., IV Semester, in Zoology. This research work was carried out and completed under the guidance of Dr. Navyashree. B for the partial fulfilment of the requirement for the award of degree of Master of Science in Zoology during the year 2021-2023.

This part of work has not been submitted elsewhere for any other degree or diploma.

Date:

Place: Mysuru

JSS ColDr. Brathibha

(Autonomous)

Ooly Road, MYSURU-570025



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

#### CERTIFICATE

This is to certify that the project work entitled "A study on episodes of snake rescuing with few case studies at Mysore city, Karnataka" submitted by Ms. Shivaani A, M.Sc., IV Semester, in Zoology. This research work was carried out and completed under the guidance of Dr.Navyashree.B for the partial fulfilment of the requirement for the award of degree of Master of Science in Zoology during the year 2021-2023.

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### CERTIFICATE

This is to certify that the project entitled "Exploring factors affecting cotton crop damage in Shakhapur, Nerabenchi, Madalagatti and Hirearalahalli villages of Koppal district due to pest: A comparative analysis" is a bonafide work carried out by Mr. KIRAN LAXMAN BADIGER under the guidance of Dr.RAMYASHREE M, HOD & Assistant Professor., for the partial fulfillment of the requirement for the award of the degree Master of Science (M.Sc.,) in Zoology in the JSS College of Arts, Commerce and Science (Autonomous) Ooty road Mysore during the year 2022-2023. It is certified that all corrections and suggestions indicated for the dissertation has been incorporated in the report. The project report has been approved as it satisfies the academic requirements in respect of project report prescribed for Master of Science in Zoology.

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DR. SPRATHUNIAS



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#### **CERTIFICATE**

This is to certify that the project entitled "A Study on Management and Marketing of Sericulture Farming in Chamarajanagar District" is a bonafide work carried out by Ms SAHANA A. N under the guidance of Dr.RAMYASHREE M. HOD & Assistant Professor., for the partial fulfillment of the requirement for the award of the degree Master of Science (M.Sc.,) in Zoology in the JSS College of Arts, Commerce and Science (Autonomous) Ooty road Mysore during the year 2022-2023. It is certified that all corrections and suggestions indicated for the dissertation has been incorporated in the report. The project report has been approved as it satisfies the academic requirements in respect of project report prescribed for Master of Science in Zoology.

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Only Road, MYSURU-570025



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

#### CERTIFICATE

This is to certify that the project work entitled "A Survey on Human-Elephant Conflict in Kushalnagar Forest Range" Submitted by RITU.S SUMAN H GOWDA & VIDYA M KURAHATTI DESAL, M.Sc., IV Semester, in Zoology. This research work was carried out and completed under the guidance of Dr. Navyashree.B for the partial fulfilment of the requirement for the award of degree of Master of Science in Zoology during the year 2019-2020. This part of work has not been submitted elsewhere for any other degree or diploma.

Date:

Place: Mysuru

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## JSS MAHAVIDYAPEETHA JSS COLLEGE OF ARTS, COMMERCE AND SCIENCE

(Autonomous) Ooty Road MYSURU – 570025 KARNATAKA

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FAX: 0821-2548238

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

#### **CERTIFICATE**

This is to certify that the project entitled "A Study on Diversity of ants in Arakalavadi and Ionnahalli village of Chamarajanagara District, Karnataka" is abonafide work carried out by Ms. ASHWINI A M under the guidance of Dr. NIJAGAL. B.S., Assistant Professor., for the partial fulfillment of the requirement for the award of the degree Master of Science in Zoology in the JSS College of Arts, Commerce and Science (Autonomous), Ooty road, Mysuru, during the year 2022-2023. It is certified that all corrections and suggestions indicated for the dissertation have been incorporated in the report. The project report has been approved as it satisfies the academic requirements in respect of the project report prescribed for Master of Science in Zoology.

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JSS Colleger ASPRATHIBHA Science (Autonomous)

Only Road, MYSURU-570025



## JSS COLLEGE OF ARTS, COMMERCE AND SCIENCE



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#### **CERTIFICATE**

This is to certify that the project entitled "An assessment on human elephant conflict (HEC) in two different study areas Gudalur and Virajpet" is bonafide work carried out by Ms. Megha.A. and Ms. Amritha Doreswamy under the guidance of Dr. NIJAGAL. B.S., Assistant Professor., for the partial fulfillment of the requirement for the award of the degree Master of Science (M.Sc.,) in Zoology in the JSS College of Arts, Commerce and Science (Autonomous) Ooty road Mysuru. During the year 2022-2023. It is certified that all corrections and suggestions indicated for the dissertation have been incorporated in the report. The project report has been approved as it satisfies the academic requirements prescribed for Master of Science in Zoology.

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PRINCIPAL

JSS Collegion Arrathibhas & Science (Autonomous)



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

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#### CERTIFICATE

This is to certify that the project work entitled "A study and general survey on anemia regarding nutrition, diet and lifestyle in youths to know the probable risk factors at JSS Hospital, Mysuru" submitted by Ms. Thanushree C.V, M.Sc., IV Semester, in Zoology. This research work was carried out and completed under the guidance of Dr.Navyashree.B for the partial fulfilment of the requirement for the award of degree of Master of Science in Zoology during the year 2021-2023.

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Date:

Place: Mysuru

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



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#### CERTIFICATE

This is to certify that the project entitled "To Study Staining Efficiency of Herbal Dyes: Gulmohar (Delanix regia) and Marigold (Tagetes erecta)." is a bonafide work carried out by Ms. SHAKTHI. N and Ms. PALLAVI under the guidance of Dr.RAMYASHREE M, HOD & Assistant Professor., for the partial fulfillment of the requirement for the award of the degree Master of Science (M.Sc.,) in Zoology in the JSS College of Arts, Commerce and Science (Autonomous) Ooty road Mysore during the year 2022-2023. It is certified that all corrections and suggestions indicated for the dissertation has been incorporated in the report. The project report has been approved as it satisfies the academic requirements in respect of project report prescribed for Master of Science in Zoology.

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This is to certify that the project entitled "Melissopalynology- a study on pollen grains in honey samples taken from Kerala" is a bonafide work carried out by Ms.ALGA MATHEW and Ms.NANDANA.V under the guidance of Dr.RAMYASHREE M, HOD & Assistant Professor., for the partial fulfillment of the requirement for the award of the degree Master of Science (M.Sc.,) in Zoology in the JSS College of Arts, Commerce and Science (Autonomous) Ooty road Mysore during the year 2022-2023. It is certified that all corrections and suggestions indicated for the dissertation has been incorporated in the report. The project report has been approved as it satisfies the academic requirements in respect of project report prescribed for Master of Science in Zoology.

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#### CERTIFICATE

This is to certify that the project entitled "A SURVEY ON COCONUT PESTS AND DISEASES IN KENKERE, BELAVADI AND BHATRAHALLI VILLAGES OF TUMKUR DISTRICT" is a bonafide work carried out by Ms. SHRIDEVI G A under the guidance of Dr.RAMYASHREE M, HOD & Assistant Professor., for the partial fulfillment of the requirement for the award of the degree Master of Science (M.Sc.) in Zoology in the JSS College of Arts, Commerce and Science (Autonomous) Ooty road Mysore during the year 2022-2023. It is certified that all corrections and suggestions indicated for the dissertation has been incorporated in the report. The project report has been approved as it satisfies the academic requirements in respect of project report prescribed for Master of Science in Zoology.

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Place: MYSURU

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JSS Collegge & Pragramma Science (Autonomous)

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



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#### CERTIFICATE

This is to certify that the project entitled "Melissopalynology- a study on pollen grains in honey samples taken from Chamarajanagar district of Karnataka" is a bonafide work carried out by Ms. Rakshitha K R under the guidance of Dr.RAMYASHREE M, HOD & Assistant Professor., for the partial fulfillment of the requirement for the award of the degree Master of Science (M.Sc.,) in Zoology in the JSS College of Arts, Commerce and Science (Autonomous) Ooty road Mysore during the year 2022-2023. It is certified that all corrections and suggestions indicated for the dissertation has been incorporated in the report. The project report has been approved as it satisfies the academic requirements in respect of project report prescribed for Master of Science in Zoology.

Date:

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