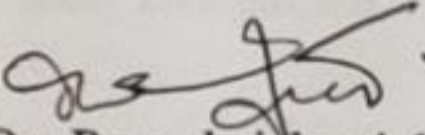


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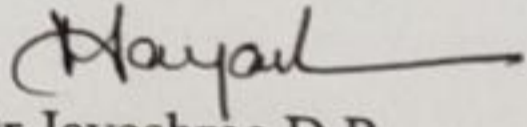
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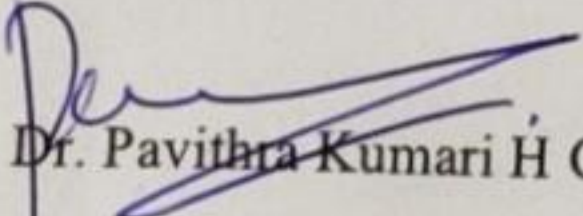
This is to certify that the dissertation entitled, "BIOINFORMATICS TECHNIQUES USED TO ANALYSE MELATONIN VARIATIONS IN DIFFERENT SPECIES" submitted by Mr. Abhishek Kashyap (S1914401) to Bengaluru City University in partial fulfilment of the requirements for the degree of Bachelor of Science (Genetics, Microbiology and Biochemistry) is based on the work carried out by him under our guidance and supervision during the year 2021-2022.


Dr. Ramakrishnaiah T.N

Assistant Professor


Dr. Jayashree D.R

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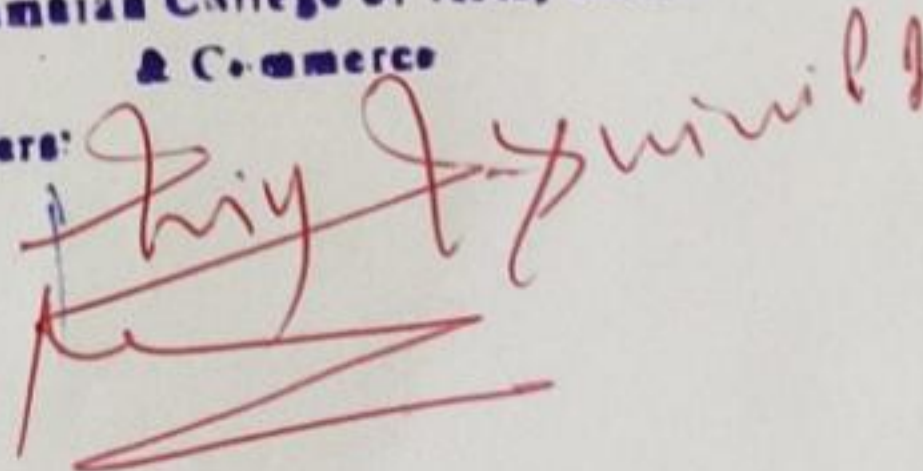

Dr. Pavithra Kumari H G
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Examiners:

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CERTIFICATE

This is to certify that the dissertation entitled “**BIOINFORMATICS TECHNIQUES USED FOR ANALYSIS OF COI GENE OF 5 SNAIL SPECIES FROM DIFFERENT GEOGRAPHICAL LOCATIONS**”, submitted by Ms. **ANNESHA BANERJEE** (Register No. **S1914406**) to Bengaluru City University in partial fulfillment of the requirements for the degree of **Bachelor of Science(Genetics, Microbiology and Biochemistry)** is based on the work carried out by her under our guidance and supervision during the year 2021-2022.

Dr. Ramakrishnaiah T. N.

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Ms. Pavithra Kumari HG

Assistant Professor

Dr. Jayashree D.R

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Dr. Ramakrishnaiah T. N.

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This is to certify that the dissertation entitled, "ANALYSIS OF MOLECULAR VARIANCE OF GABA RECEPTORS IN FIVE MODEL ORGANISMS" submitted by Mrs. Anusha Dutta (S1914408) to Bengaluru City University in partial fulfilment of the requirements for the degree of Bachelor of Science (Genetics, Microbiology and Biochemistry) is based on the work carried out by him under our guidance and supervision during the year 2021-2022.

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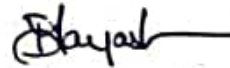
DEPARTMENT OF BIOTECHNOLOGY AND GENETICS

CERTIFICATE

This is to certify that the dissertation which is entitled "*Bioinformatics techniques used for analysis of COI gene of five Snail Species from different geographical locations*" submitted by Ms. Anvesha Mukherjee (S1914410) to Bengaluru City University in partial fulfilment of the requirements for the degree of Bachelor of Science (Genetics, Microbiology and Biochemistry) is based on the work carried out by him under our guidance and supervision during the year 2021-2022.


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(Assistant Professor)



Dr. Jayashree D.R.

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Dr. Pavithra Kumari H G

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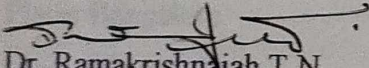
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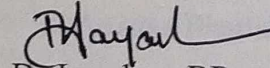
DEPARTMENT OF BIOTECHNOLOGY AND GENETICS

CERTIFICATE

This is to certify that the dissertation entitled "Testes Determining Factor in different organisms", submitted by **Ms. BANASHREE N (Register No.: S1914413)** to Bengaluru City University in partial fulfilment of the requirements for the degree of Bachelor of Science (Genetics, Microbiology and Biochemistry) is based on the work carried out by him under our guidance and supervision during the year 2020-2021.

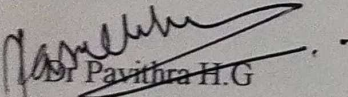

Dr. Ramakrishnaiah T.N.

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Dr Jayashree DR

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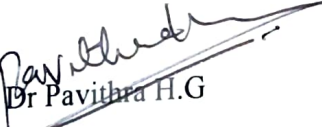
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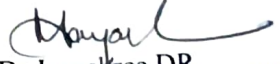
CERTIFICATE

This is to certify that the dissertation titled "Testes Determining Factor in different organisms", submitted by Ms. DOBANJANA ROY (Register No.: S1914416) to Bengaluru City University in partial fulfillment of the requirements for the degree of Bachelor of Science (Genetics, Microbiology and Biochemistry) is based on the work carried out by him under our guidance and supervision during the year 2020-2021.


Dr. Ramakrishnaiah T.N.

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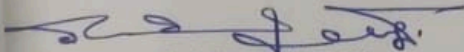
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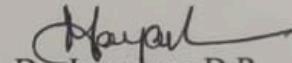
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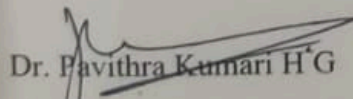

Dr. Ramakrishnaiah T. N.

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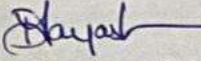
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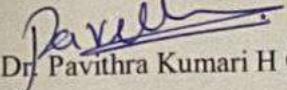
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Dr. Jayashree D.R.

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(Professor and Head of the Department)


Dr. Pavithra Kumari H G

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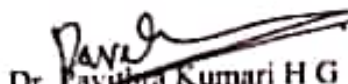
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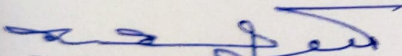
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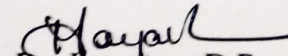
DEPARTMENT OF BIOTECHNOLOGY AND GENETICS

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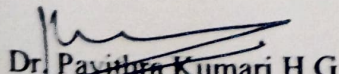

Dr. Ramakrishnaiah T. N.

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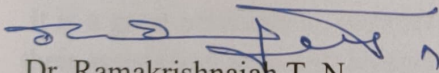
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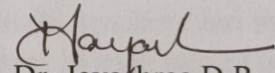
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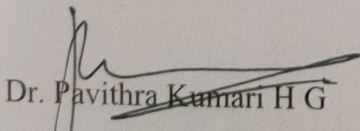

Dr. Ramakrishnaiah T. N.

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Dr. Jayashree D.R.

Professor and Head of the Department

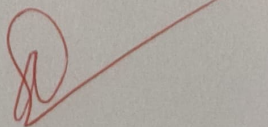
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Assistant Professor

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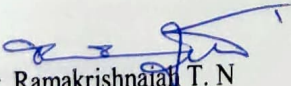
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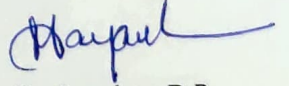


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This is to certify that the dissertation entitled "BIOINFORMATICS TOOLS USED TO ANALYZE CCD AND ALDH IN THE BIOSYNTHESIS OF CROCIN SEEN IN CROCUS SATIVUS" submitted by Miss K THALA (61914427) to Bengaluru City University in partial fulfilment of the requirements for the degree of Bachelor of Science (Genetics, Microbiology and Biochemistry) is based on the work carried out by him under our guidance and supervision during the year 2021-2022.

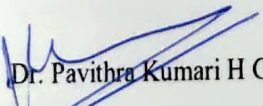

Dr. Ramakrishnaiah T. N

Assistant Professor and Head of the Department



Dr. Jayashree D.R

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Head of Dept.
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Dr. Pavithra Kumari H G

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& Commerce

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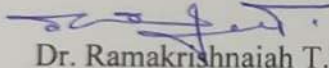
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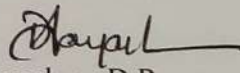
This is to certify that the dissertation entitled, "BIOINFORMATICS TECHNIQUES USED TO ANALYSE THE SEQUENCES AND VARIATIONS OF PHENYLKETONURIA submitted by Ms. MADHUSHREE.P (S014431) to Bengaluru City University in partial fulfilment of the requirements for the degree of Bachelor of Science (Genetics, Microbiology and Biochemistry) is based on the work carried out by him under our guidance and supervision during the year 2021-2022.

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Dr. Ramakrishnaiah T.N.

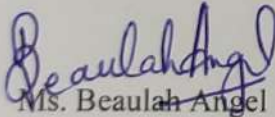
Assistant Professor



Dr. Jayashree D.R.

Professor and Head of the Department

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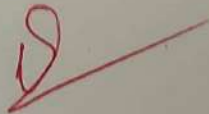
Ms. Beulah Angel

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Examiners:

- 1.
- 2.





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This is to certify that the dissertation entitled **"BIOINFORMATICS TECHNIQUES USED TO ANALYSE BIOINFORMATICS TECHNIQUES USED TO ANALYSE PHYLOGENETIC RELATIONSHIPS OF CYCLODEXTRIN GLUCANOTRANSFERASE ENZYME IN DIFFERENT BACTERIAL Spp"** submitted by **Miss. PRIYA.M.K (S1914438)** to Bengaluru City University in partial fulfilment of the requirements for the degree of Bachelor of Science (Genetics, Microbiology and Biochemistry) is based on the work carried out by her under our guidance and supervision during the year 2021-2022.

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Examiners:

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Approved by Government of Karnataka, Approved by AICTE, New Delhi,

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(National Institutional Ranking Framework, Ministry of Education, Govt of India)

Ranked 55th in NIRF India Ranking by MHRD, New Delhi

DBT Star College Scheme

DEPARTMENT OF BIOTECHNOLOGY AND GENETICS

CERTIFICATE

This is to certify that the dissertation entitled, "BIOINFORMATICS TECHNIQUES USED TO ANALYSE THE SEQUENCES AND VARIATIONS OF PHENYLKETONURIA submitted by Ms. SHRI LAKSHMI (S1914449) to Bengaluru City University in partial fulfilment of the requirements for the degree of Bachelor of Science (Genetics, Microbiology and Biochemistry) is based on the work carried out by him under our guidance and supervision during the year 2021-2022.

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This is to certify that the dissertation entitled, **"PHYLOGENETIC ANALYSIS OF ALPHA – SYNUCLEIN GENE RESPONSIBLE FOR PARKINSON'S DISEASE IN DIFFERENT ORGANISMS"** submitted by **Ms. Smruti Bhat (S1914452)** to Bengaluru City University in partial fulfilment of the requirements for the degree of Bachelor of Science (Genetics, Microbiology and Biochemistry) is based on the work carried out by him under our guidance and supervision during the year 2021-2022.

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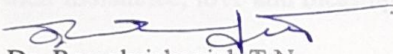
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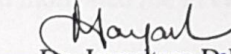
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This is to certify that the dissertation entitled, "BIOINFORMATICS TECHNIQUES USED TO ANALYSE STRAINS AFFECTING CHRONIC SINUSITIS" submitted by Mrs. YASHASWINI R (Register No. S19/4/10) to Bengaluru City University in partial fulfilment of the requirements for the degree of Bachelor of Science (Genetics, Microbiology and Biochemistry) is based on the work carried out by him under our guidance and supervision during the year 2021-2022.

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