

DEPARTMENT OF BIOINFORMATICS



CERTIFICATE

This is to certify that the dissertation on research entitled "Combinatorial Screening and Structure based Designing of Anti-Hyaluronidase Drug" submitted by Ms. Sayeda Noorain Kazi, Ms. Daniya Quadri and Ms. Ayesha Mulla for the degree of Master of Science in Bioinformatics from the Karnataka State Akkamahadevi Women's University Vijayapura, during the year 2022-2023, is a record of their bonafied research work carried out by them under our supervision. The project report have been approved as has satisfied the academic requirement Which is prescribed by KARNATAKA STATE AKKAMAHADEVI WOMEN'S UNIVERSITY VIJAYAPURA.

[Signature]
GUIDE

DR. JOY HOSKERI

[Signature]
CHAIRMAN 17/10/22

EXAMINERS

- 1.
- 2.

[Signature]
17/10/2022

[Signature]
17/10/22

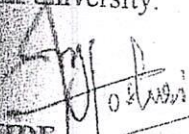
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17/10/22


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Certificate


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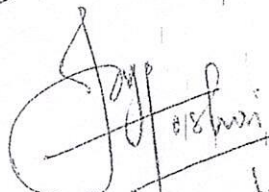
I hereby certify that the project work "Prediction of Bacterial genes specific signature elements in Archaeal 16srRNA bacteria datasets." submitted by Miss. Sheela Kulkarni and Miss. Sajidabegum Nadaf for partial fulfillment of the degree of "Master of Science" in Bioinformatics to Karnataka State Akkamahadevi Women's University, Vijayapura, is the project work done by them in the Department of Bioinformatics, Akkamahadevi Women's University, Vijayapura. I further, certify that the research work done by them is original and has not been submitted for any degree either in part or in full to any other university.


GUIDE
DR. JOY HOSKERI


CHAIRMAN 17/10/22

EXAMINERS


17/10/2022


17/10/22

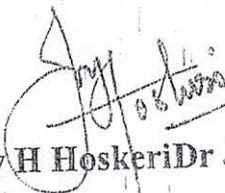
2022

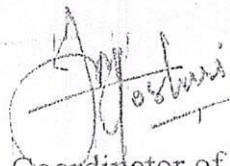


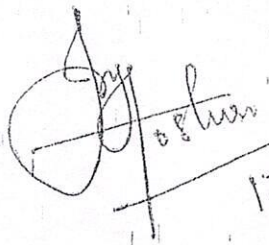
Karnataka State Women's University Vijayapura
Janashakti Campus, Torvi, Vijayapura, Karnataka 586108
Telephone: 08352229057

ENDORSEMENT BY THE HEAD OF DEPARTMENT


This is to certify that the dissertation entitled "Microarray based Gene Expression Data Compilation to Identify Genes Associated with Rheumatoid Arthritis" is a bonafide research work done by Sumayyah Tehmeen & Saba Afzal under the guidance of Dr. Joy H. Hoskeri Coordinator, Department of Bioinformatics, Karnataka State Women's University, Vijayapura.


Dr. Joy H Hoskeri
Teacher in Charge
Department of Bioinformatics


Coordinator of
Department of Bioinformatics

Date: 17/10/22
Place: Vijayapura

17/10/22

Examiner 1


17/10/2022

Examiner 2

**KARNATAKA STATE AKKAMAHADEVI WOMEN'S
UNIVERSITY, JANSHAKTI CAMPUS, TORVI,
VIJAYAPUR**

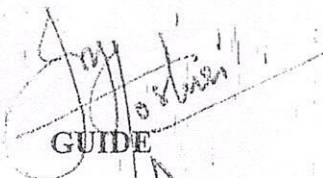


DEPARTMENT OF BIOINFORMATICS

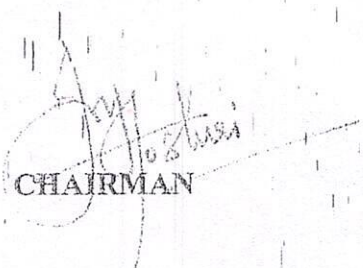
CERTIFICATE

Date: _____

This is to certify that the dissertation on research entitled "*In silico* vaccine design against *Treponema pallidum* infection" submitted by Ms. Veena Talikoti for the degree of Master of Science in Bioinformatics from the Karnataka State Akkamahadevi Women's University Vijayapura, during the year 2022-2023, is a record of their bonafied research work carried out by them under our supervision. The project report has been approved as has satisfied the academic requirement which is prescribed by KARNATAKA STATE AKKAMAHADEVI WOMEN'S UNIVERSITY VIJAYAPURA.


GUIDE

DR. JOY HOSKERI


CHAIRMAN

EXAMINERS

- 1.
- 2.

KARNATAKA STATE AKKAMAHADEVI WOMEN'S
UNIVERSITY, VIJAYAPUR.



A PROJECT REPORT ON
"COMPARATIVE STRUCTURAL ANALYSIS OF SERINE
PROTEASE AND COMBINATORIAL SCREENING OF SERINE
PROTEASE INHIBITORS"

Submitted in the partial fulfillment of requirement for the award of degree.

MASTER OF SCIENCE

IN

BIOINFORMATICS

UNDER THE GUIDANCE OF

Dr. JOY HOSKERI.

SUBMITTED BY

Miss. AKSHATA BADACHI.

Miss. PRIYANKA ASANGLI.

2019

**KARNATAKA STATE AKKAMAHADEVI WOMEN'S UNIVERSITY,
VIJAYAPUR**



**A PROJECT REPORT ON
“PREDICTION OF POTENTIAL BIOMARKERS FOR CANCER BY
COMPARATIVE PROTEOMICS ANALYSIS”**

**Submitted In the partial Fulfillment of Requirement For the Award of
Degree**

**MASTER OF SCIENCE
IN
BIOINFORMATICS.**

UNDER THE GUIDANCE OF

Dr.JOY HOSKERI

CHAIRMAN

PROF.S.B.MADAGI

SUBMITTED BY

Miss. SHILPA SASABAL (BIO17110)

Miss. PRAGATI BALUNDAGI (BIO17107)

2019

KARNATKA STATE AKKAMAHADEVI WOMEN'S UNIVERSITY VIJAYAPURA

A PROJECT REPORT ON

“FUNCTIONAL ANNOTATION OF HYPOTHETICAL PROTEINS IN *YERSINIA PESTIS* BACTERIA
WITH UNKNOWN FUNCTION”



SUBMITTED IN THE PARTIAL FULFILMENT OF REQUIREMENT FOR THE AWARD OF
DEGREE

MASTER OF SCIENCE

IN

BIO-INFORMATICS

UNDER THE GUIDENCE OF

DR.JOY.HOSKERI

Assistant professor of bioinformatics

Submitted by

Miss. Sujata.s.rathod

Miss.Goutami.ganjenavar

Miss.Jagadevi.meti

2019



A PROJECT REPORT ON
"DETECTION OF RECOMBINATION EVENTS IN
CAULIFLOWER MOSAIC VARIOUS ANALYSIS OF GENE
VARIATION"

Submitted in the partial fulfillment of requirement for the award of degree

MASTER OF SCIENCE
IN
BIOINFORMATICS.

UNDER THE GUIDANCE OF
Dr. JOY HOSKERI.

SUBMITTED BY
Miss. TAIYABA SHAIKH.
Miss. ASMA PATEL

2019

**MOLECULAR PHYLOGENY AND FUNCTIONAL ANNOTATION OF SARS-COV2 VIRUS
AND PREDICTION OF POTENTIAL DRUG FOR MANAGEMENT OF ITS PATHOGENESIS"**



A DISSERTATION SUBMITTED TO THE
KARNATAKA STATE AKKAMAHADEVI WOMEN'S UNIVERSITY, VIJAYAPURA,
IN PARTIAL FULFILMENT FOR THE DEGREE OF

**Master of Science
in
Bioinformatics**

By

**Ms. Sana Tahaseen M. Alur (Reg. No. BI181007)
Ms. Santoshi S. Padavalkar (Reg. No. BI181008)
Ms. Akashata B. Nagareddy (Reg. No. BI181001)**

Project Supervisor
Dr. Joy H. Hoskeri
Department of Bioinformatics
Karnataka State Akkamahadevi Women's University
Vijayapura – 586108

**DEPARTMENT OF BIOINFORMATICS
KARNATAKA STATE AKKAMAHADEVI WOMEN'S UNIVERSITY
VIJAYAPURA – 586108, KARNATAKA, INDIA**

2020

“META ANALYSIS OF PLANT VIROID GENOMICS”



A DISSERTATION SUBMITTED TO THE
KARNATAKA STATE AKKAMAHADEVI WOMEN'S UNIVERSITY,
VIJAYAPURA, IN PARTIAL FULFILMENT FOR THE DEGREE OF

Master of Science in BIOINFORMATICS

By

Ms. Smita S. Burli(BI191014)
Ms. Soumya A. Kulkarni(BI191015)
Ms. Supriya S. Kerutagi(BI191016)
Ms. Umashree V. Naik(BI191017)
Ms. Veena H. Patil(BI191018)

Project Supervisor

Dr. Joy H. Hoskeri

Department of Bioinformatics

Karnataka State Akkamahadevi Women's University

Vijayapura – 586108

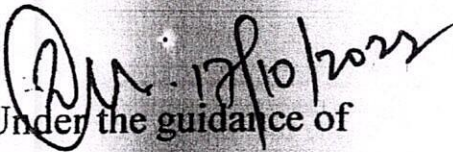
DEPARTMENT OF BIOINFORMATICS
KARNATAKA STATE AKKAMAHADEVI WOMEN'S UNIVERSITY
VIJAYAPURA – 586108, KARNATAKA, INDIA
2021

**KARNATAKA STATE ANKANNIAHADEVI WOMEN'S
UNIVERSITY VIJAYAPURA**

DEPARTMENT OF BIO-INFORMATICS

CERTIFICATE

This is to certify that this project entitled "Identification of differentially expressed genes of Hepatitis in liver infected hepatocellular carcinoma to predict potential biomarkers" Submitted in the partial fulfilment required of degree of **MASTERS OF SCIENCE IN BIO-INFORMATICS** is the result of the Bonafide work carried out by Miss. Sushmita.Bilur, Miss.Priyadarshani.B

 17/10/2022
Under the guidance of

Dr. Babu R.L.

Dept. of Biotechnology

Examiner

1)

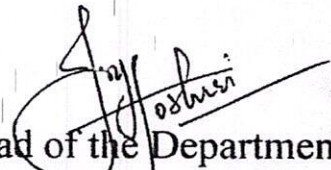
2)

 17/10/22
Under the Co-Guide

1) **Mrs. Sunaina C.**

Date:

Place: Vijayapura


Head of the Department

Dr. Joy Hoskeri

Dept. of Bioinformatics

KARNATAKA STATE AKKAMAHADEVI WOMENS
UNIVERSITY VIJAYAPUR



DEPARTMENT OF BIOINFORMATICS

CERTIFICATE

This is to certify that this project entitled " Identification of differentially expressed genes of lung cancer to predict potential biomarkers " Submitted in the partial fulfillment or required degree in MASTERS OF SCIENCE IN BIO-INFORMATICS is the result of the bonafied work carried out Miss. Vijaylaxmi S.Karjol,

Miss. Divya M.Shettar, Miss. Poornima V.Suligavi.

Teacher in Charge

Dept. of Bioinformatics

Examiner

1) Dr Babu.R.L. (Dr. 28/9/2020)

2) Dr. Joy Hosker (Dr. 28/9/2020)

(Signature) 28/9

Chairman

COORDINATOR

Post Dept. of Studies & Research in Bioinformatics

Akkamahadevi Women's University,
Vijayapura 586108.

Date: 28/9/2020

Place: Vijayapura



**KARNATAKA STATE AKKAMAHADEVI
WOMEN'S UNIVERSITY
VIJAYAPURA**

DEPARTMENT OF BIO-INFORMATICS

CERTIFICATE

This is to certify that this project entitled "Identification of Antagonists to Inhibit Serine-threonine kinases by using *Insilico* Method" Submitted in the partial fulfillment or required of degree of **MASTERS OF SCIENCE IN BIO-INFORMATICS** is the result of the bonafied work carried out Miss. Chavan Sunaina Janakrao, Miss. Vidyashree Suravanshi, Miss. Savita Karigoudra.

Teacher in Charge

Dept. of Bioinformatics

Examiner

- 1) Dr. Babu. R. L. 28/9/2020
- 2) Dr. Jay Hosken 28/9/2020

Chairman

COORDINATOR
Dept. of Bioinformatics

For Graduate Dept. of Studies &
Research in Bioinformatics
Akkamahadevi Women's University,
Vijayapura 586108.

Date: 28/9/2020.

Place: Vijayapura



**AKKAMAHADEVI WOMEN'S UNIVERSITY
VIJAYAPURA**

DEPARTMENT OF BIO-INFORMATICS

CERTIFICATE

This is to certify that this project entitled "IDENTIFICATION OF CLINICAL VARIANTS PRESENT IN SKIN MELANOMA USING EXOME SEQUENCING DATA" Submitted in the partial fulfillment or required of degree of MASTERS OF SCIENCE IN BIO-INFORMATICS is the result of the bonafied work carried out by Miss. Priyanka P Nikkam, Miss. Pooja Saragi, Miss. Shreedevi Kattimani and Miss. Madhura M Honakeri.

Teacher in Charge

Dept. of Bioinformatics

Examiner

- 1) 22/6
- 2) 22/6

Chairman

Dept. of Bioinformatics

Date: 22/6/2018

Place: Vijayapura



**AKKAMAHADEVI WOMEN'S UNIVERSITY
VIJAYAPURA**

DEPARTMENT OF BIO-INFORMATICS

CERTIFICATE

This is to certify that this project entitled "IDENTIFICATION OF POTENTIAL INHIBITORS FOR NS2B/NS3 PROTEASE OF DENGUE VIRUS: AN *INSILICO* STUDY" Submitted in the partial fulfillment or required of degree of MASTERS OF SCIENCE IN BIO-INFORMATICS is the result of the bonafied work carried out by Miss. Aishwarya K Hiremath, Miss Nusrat M Gulbarga, Miss Indumati M Muddapur, Miss Jagrati S Pawar.

Teacher in Charge

Dept. of Bioinformatics

Examiner

1)

13/10/21

2)

13/10/21
13/10/21

Chairman

Dept. of Bioinformatics

Date: 13/10/21

Place: Vijayapura



**KARNATAKA STATEWOMEN'S UNIVERSITY
BIJAPUR**

DEPARTMENT OF BIO-INFORMATICS

CERTIFICATE

This is to certify that this project entitled "TO IDENTIFY THE FUNCTIONAL GENE MUTATIONS IN HYPERGLYCEMIA AND THE ROLE OF SYNTHETIC COMPOUNDS USED FOR ANTI-DIABETIC ACTIVITY" Submitted in the partial fulfillment of requirement of the degree of MASTER OF SCIENCE IN BIO-INFORMATICS is the result of the bonafied work carried out by Miss.Shivaleela Biradar

Dr. 22/6/16.

Teacher in Charge

Dept.of Bioinformatics

[Signature]

Chairman

Dept.of Bioinformatics
CHAIRMAN
Post Graduate Dept. of Studies &
Research in Bioinformatics
Karnataka State Women's University
Bijapur-586 108.

Examiner

1)

[Signature]

2)

[Signature]

Date:

Place: Vijayapura



**KARNATAKA STATEWOMEN'S UNIVERSITY
BIJAPUR**

DEPARTMENT OF BIO-INFORMATICS

CERTIFICATE

This is to certify that this project entitled "MOLECULAR BASES OR CHARACTERIZATION AND FUNCTIONAL ANALYSIS OF NOVEL BREAST CANCER ASSOCIATED GENES" Submitted in the partial fulfillment of requirement of the degree of MASTER OF SCIENCE IN BIO-INFORMATICS is the result of the bonafied work carried out by Miss. Deepa patil

Anadi
Teacher in Charge

Dept. of Bioinformatics

Examiner

1)

2)

Srinivas
Rambhadr

[Signature]
Chairman

Dept. of Bioinformatics
CHAIRMAN
Post Graduate Dept. of Studies &
Research in Bioinformatics
Karnataka State Women's University
Bijapur-586 108.

Date:

Place: Vijayapura



**KARNATAKA STATE AKKAMAHADEVI
WOMEN'S UNIVERSITY VIJAYAPUR
DEPARTMENT OF BIOINFORMATICS**

Certificate

This is to certify that this project entitled "COMPUTATIONAL ANALYSIS OF GENE EXPRESSION USING MICROARRAY DATA IN OVARIAN CANCER" Submitted in the partial fulfillment of requirement of the degree of MASTER OF SCIENCE IN BIO-INFORMATICS is the result of the work carried out by Jayashri Gokak and Rashmi Patil.

P.N. 24.06.2019

Teacher in charge
Dept. of Bioinformatics

Chairman
Dept. of Bioinformatics
CHAIRPERSON
Post Graduate Dept. of Studies &
Research in Bioinformatics
Akkamahadevi Women's University
VIJAYAPURA-586108.

Examiner:

- 1)
- 2)

Date:

Place: vijayapura



**AKKAMAHADEVI WOMEN'S UNIVERSITY
VIJAYAPURA**

DEPARTMENT OF BIO-INFORMATICS

CERTIFICATE

This is to certify that this project entitled "IDENTIFICATION OF CLINICAL VARIANTS PRESENT IN SKIN MELANOMA USING EXOME SEQUENCING DATA" Submitted in the partial fulfillment or required of degree of MASTERS OF SCIENCE IN BIO-INFORMATICS is the result of the bonafied work carried out by Miss. Priyanka P Nikkam, Miss. Pooja Saragi, Miss. Shreedevi Kattimani and Miss. Madhura M Honakeri.

Teacher in Charge

Dept. of Bioinformatics

Examiner

- 1) 22/6
- 2) 22/6

Chairman

Dept. of Bioinformatics

Date: 22/6/2018

Place: Vijayapura



**KARNATAKA STATE WOMEN'S UNIVERSITY
BIJAPUR**

DEPARTMENT OF BIO-INFORMATICS

CERTIFICATEE

This is to certify that this project entitled "COMPILATION AND ANALYSIS OF GENE EXPRESSION DATA FROM VARIOUS TREATED CONDITIONS OF TESTIS" Submitted in the partial fulfillment of requirement of the degree of MASTER OF SCIENCE IN BIO-INFORMATICS is the result of the bonafied work carried out by Miss NAHIDA.F.TODEWALE, Miss. FIRDOS.S.KALADGI and Miss. POOJA.M.PATIL.

Valued,

[Signature]

Teacher in Charge

Dept.of Bioinformatics

[Signature]

Chairman

Dept.of Bioinformatics

Examiner,

1) *[Signature]*

2)

Date:

Place: Vijayapura



KARNATAKA STATE WOMEN'S UNIVERSITY

VIJAYAPUR

DEPARTMENT OF BIO-INFORMATICS

CERTIFICATEE

This is to certify that this project entitled "COMPILATION OF MICROARRAY BESED TRANSCRIPTOMIC DATA TO UNDERSTAND THE FUNCTIONALITY IN ENDOMETRIAL CANCER Submitted in the partial fulfillment of requirement of the degree of MASTER OF SCIENCE IN BIO-INFORMATICS is the result of the bonafied work carried out by SUKANYA. N. HALAGERI & SHRIDEVI. M. PATIL

Valued.

[Signature]

Teacher in Charge
Dept. of Bioinformatics

[Signature]

CHAIRMAN
Post Graduate Dept. of Studies &
Department of Bioinformatics
Karnataka State Women's University
VIJAYAPURA-586108.

Examiner

- 1) *[Signature]*
- 2)

Date:

Place: Vijayapura




**KARNATAKA STATE WOMEN'S UNIVERSITY
VIJAYAPURA**

DEPARTMENT OF BIO-INFORMATICS

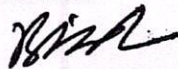
CERTIFICATE

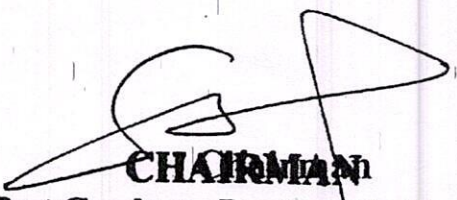
This is to certify that this project entitled "BIOCURATION AND ANALYSIS OF GENE EXPRESSION DATA TO IDENTIFY IMPORTANT GENE FOR MALE INFERTILITY" Submitted in the partial fulfillment of requirement of the degree of MASTER OF SCIENCE IN BIO-INFORMATICS is the result of the bonafied work carried out by Miss Muhibanaz.T.Karajgi, Miss Keerti.K.Chougale, and Miss Ashvini G. Karenavar


Teacher in Charge

Dept. of Bioinformatics

Examiner

- 1) 
- 2)


CHAIRMAN
Post Graduate Dept. of Studies
~~Dept. of Bioinformatics~~
Karnataka State Women's University
VIJAYAPURA-586108.

Date:

Place: Vijayapura



KARNATAKA STATE WOMEN'S UNIVERSITY
VIJAYAPUR
DEPARTMENT OF BIO-INFORMATICS

CERTIFICATE

This is to certify that this project entitled "COMPILATION OF GENE EXPRESSION DATA AND ANALYZE THE MOLECULAR BASIS OF CERVICAL CANCER" Submitted in the partial fulfillment of requirement of the degree of MASTER OF SCIENCE IN BIO-INFORMATICS is the result of the bonafied work carried out by Miss SHANTA.A.MADARKAL and Miss VIJAYALAXMI.H.BOMMANAGI

Shanta A. Madarkal

Shanta A. Madarkal

Teacher in Charge
Dept. of Bioinformatics

Shanta A. Madarkal
Chairman
CHAIRMAN
Dept. of Bioinformatics &
Research in Bioinformatics
Karnataka State Women's University
VIJAYAPURA-586108.

Examiner

- 1) *Shanta A. Madarkal*
- 2)

Date:

Place: Vijayapura