

**“In Silico Genome Wide Identification of MATE
Protein in *Cucumis Sativus*”**



A Dissertation Submitted to

CH.CHARAN SINGH UNIVERSITY, MEERUT

In partial fulfillment of the requirement for the award of the degree of

Master of Science in

BIOINFORMATICS

By

Ajay Kumar Sharma

(IVth Semester)

Roll No. 210867250001

Session 2021-2023

UNDER SUPERVISION OF

Dr. Manoj Kumar Sharma

Assistant Professor

Dept. Of Bioinformatics

Janta Vedic College, Baraut (Baghpat)

MSc. PROJECT (BIOINFORMATICS)

ENTITLED: *In Silico* genome wide identification and analysis of MATE gene in *Cucumis sativus*.

Student's Name AJAY KUMAR SHARMA

Father's Name OM KAR SHARMA

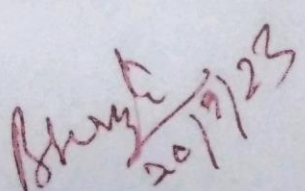
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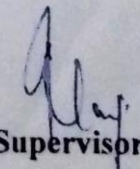
Enrollment No. M17897940

Department Bioinformatics

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**“In Silico Genome Wide Identification of MATE
Protein in *Vigna unguiculata*”**



**A Dissertation Submitted to
CH.CHARAN SINGH UNIVERSITY, MEERUT**

In partial fulfillment of the requirement for the award of the degree of

**Master of Science in
BIOINFORMATICS**

By

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Session 2021-2023**

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MSc. PROJECT (BIOINFORMATICS)

ENTITLED: *In Silico* Genome wide identification and analysis of MATE gene in *Vigna unguiculata*

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**“In Silico Genome Wide Identification of MATE
Protein in *Pisum Sativum*”**



A Dissertation Submitted to

CH.CHARAN SINGH UNIVERSITY, MEERUT

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Master of Science in

BIOINFORMATICS

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MSc. PROJECT (BIOINFORMATICS)

ENTITLED: *In Silico* genome wide identification and analysis of MATE gene in *PISUM SATIVUM*.

Student's Name **RAMA KANT SHARMA**

Father's Name **MANOJ SHARMA**

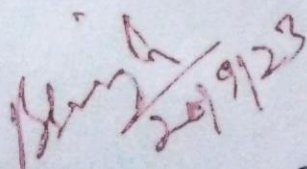
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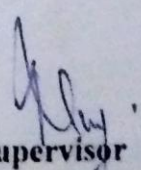
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College Name **Janta Vedic College Baraut (Baghpat)**


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**“In Silico Genome Wide Identification of MATE
Protein in *Beta Vulgaris*”**



A Dissertation Submitted to

CH.CHARAN SINGH UNIVERSITY, MEERUT

In partial fulfillment of the requirement for the award of the degree of

Master of Science in

BIOINFORMATICS

By

Shakib Ali

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Session 2021-2023

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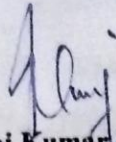
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CERTIFICATE

This is to certify that **Mr. Shakib Ali**, (Roll No.: 210867250004 and Enrollment No.: M18278410) student of Janta Vedic College Baraut affiliated to Chaudhary Charan Singh University Meerut; M.Sc (Bioinformatics) 4th Semester worked in the project entitled "*In-silico* Genome wide identification of MATE protein in *Beta vulgaris*". From 17th February, 2023 to 16 August, 2023 under my supervision. I have observed him to be sincere, punctual, dedicated and having professional attitude to the work assigned to him. He is well mannered, honest and is very pleasant to move with.

Wishing him all the success in the future.


Dr. Manoj Kumar Sharma
Manoj Kumar Sharma
Assistant Professor
Department of Bioinformatics
J. V. College, Baraut-250811

**“*In Silico* Genome Wide Identification of MATE
Protein in *Phaseolus Vulgaris*”**



A Dissertation Submitted to

CH.CHARAN SINGH UNIVERSITY, MEERUT

In partial fulfillment of the requirement for the award of the degree of

Master of Science in

BIOINFORMATICS

By

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(IVth Semester)

Roll No. 210867250005

Session 2021-2023

UNDER SUPERVISION OF

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Assistant Professor

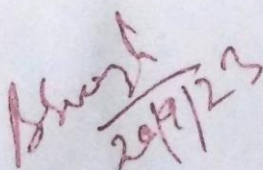
Dept. Of Bioinformatics

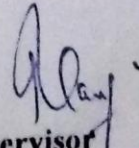
Janta Vedic College, Baraut (Baghpat)

MSc. PROJECT (BIOINFORMATICS)

ENTITLED: *In Silico* genome wide identification and analysis of MATE gene in *Phaseolus vulgaris*.

Student's Name Shivani
Father's Name Ramkumar
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J. V. College, Baraut-250611

**“To study the miRNA mediated Regulation
of HSP/HSF under heat stress in rice”**



A Dissertation Submitted to

CH.CHARAN SINGH UNIVERSITY, MEERUT

In partial fulfillment of the requirement for the award of the degree of

Master of Science in

BIOINFORMATICS

By

VISHAKHA

(IVth Semester)

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Session 2021-2023

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ICGEB

International Centre for Genetic
Engineering and Biotechnology

Developing
Knowledge

14 September 2023

TO WHOM IT MAY CONCERN

This is certify that Ms. Vishakha has successfully completed the project entitled "To study the miRNA mediated regulation of HSP/HSF under heat stress in rice". She is registered as a student of M.Sc Bioinformatics at J.V College, Barrut, Baghpat. This work was performed under my guidance at ICGEB New Delhi over a period extending from 23rd May 2023 to 23rd August 2023.

I wish her all the best for her future endeavours.

Neeti Sanan Mishra
Group Leader
Plant RNAi Biology
ICGEB, New Delhi