



**TEZPUR UNIVERSITY**  
(A CENTRAL UNIVERSITY)  
DEPARTMENT OF COMPUTER SCIENCE &  
ENGINEERING

**Dr. Siddhartha S. Satapathy**  
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Department of CSE

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**CERTIFICATE**

This is to certify that the report entitled "*A web portal with improved implementation of Effective number of codons prime ( $\hat{N}'_c$ )*" is an authentic record of final year project work carried out by Rajkamal Sonowal (CSB10055) and Abhinob Saikia (CSB10069). The work was carried out under my guidance and supervision. This report is submitted for the partial fulfilment of the requirement for the award of degree of Bachelor of Technology in Computer Science and Engineering at Tezpur University.

Date : ..... 26-5-2014 .....

Place : ..... Tezpur .....

  
( **Dr. Siddhartha S. Satapathy** )

Assistant Professor  
Department of Computer  
Science and Engineering  
Tezpur University



**TEZPUR UNIVERSITY**  
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DEPARTMENT OF COMPUTER SCIENCE &  
ENGINEERING

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**CERTIFICATE**

This is to certify that the report entitled “*A web portal with improved implementation of Effective number of codons prime ( $\hat{N}'$ )*” is an authentic record of final year project work carried out by Rajkamal Sonowal (CSB10055) and Abhinob Saikia (CSB10069) under the guidance of Dr. Siddhartha S. Satapathy, Assistant professor of Department Of Computer Science and Engineering, Tezpur University. This report is submitted for the partial fulfilment of the requirement for the award of degree of Bachelor of Technology in Computer Science and Engineering at Tezpur University.

Date : .....

Place : .....

  
(Prof. Shyamanta M Hazarika)

Head of Department  
Department of Computer  
Science and Engineering  
Tezpur University

Head  
Department of Computer Science & Engineering  
Tezpur University



**TEZPUR UNIVERSITY**  
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DEPARTMENT OF COMPUTER SCIENCE &  
ENGINEERING

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**CERTIFICATE**

This is to certify that the report entitled “*A web portal with improved implementation of Effective number of codons prime ( $\hat{N}'_c$ )*” submitted for the partial fulfilment of the requirement for the award of degree of Bachelor of Technology in Computer Science and Engineering is an authentic record of final year project work carried out by Rajkamal Sonowal (CSB10055) and Abhinob Saikia (CSB10069).

This project work is the result of their efforts and endeavour. The project work is found worthy of acceptance for the award of the degree of Bachelor of Technology in Computer Science and Engineering.

M. D. S.  
26.5.14  
Internal Examiner

Date :

Place :

Professor  
Department of Computer Science & Engg.  
Tezpur University

External Examiner

Date **EXTERNAL**

Place **EXAMINER**

Internal Examiner 2

Date :

Place :

Assistant Professor  
Department of Computer Science & Engg.  
Tezpur University



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**DECLARATION**

We hereby declare that the report entitled “*A web portal with improved implementation of Effective number of codons prime ( $\hat{N}_c'$ )*” submitted to the Department of Computer Science and Engineering, Tezpur University as a requirement for the partial fulfilment of the award of Bachelor of Technology in Computer Science and Engineering is an authentic record of our own work and was not submitted to any other institution for award of any other degree.

Date : 26-05-2014

Place : Tezpur

*Rajkamal Sonowal*

( Rajkamal Sonowal )

Roll No. CSB10055

Date : 26-05-2014

Place : Tezpur

*Abhinob Saikia*

( Abhinob Saikia )

Roll No. CSB10069

# ACKNOWLEDGEMENT

We would like to take the opportunity to extend our heartfelt gratitude to our project guide Dr. Siddhartha S. Satapathy, Assistant Professor, Department of Computer Science and Engineering for giving us the opportunity to work under him and providing us ample guidance and support through the course of this project.

Furthermore, we would also like to acknowledge with much appreciation the crucial role of our Head of the Department, Prof. Shyamanta M Hazarika and the technical staff of the Department of Computer Science and Engineering, who gave us the permission to use all required equipments and the necessary materials to complete the project.

Lastly, we sincerely appreciate the guidance provided by our seniors and our friends, without whose support, this project would not have been possible.