

Project report submitted in partial fulfilment of the requirements for awarding the degree of Bachelor of Science in Biotechnology

Title:

Extraction, Purification and qualitative analysis of Bacterial plasmid DNA

Submitted to:

The Department of Biotechnology
Sri Yerramilli Narayanamurthy College,
Narasapuram.

Submitted by:

Divya Sri Kondaveeti (Regd. No.: 11910001)

Jahnavi Deva (Regd. No.: 11910013)

Lakshmi Rajatarangini Tarapatla (Regd. No.: 11910012)

Sravanthi Vaddi (Regd. No.: 11910031)

Under the guidance of: **Dr. Ravikiran S. Yedidi**

The Center for Advanced-Applied Biological Sciences & Entrepreneurship
(TCABS-E), Rajamahendravaram.



CERTIFICATION

This is to certify that **Ms. Divya Sri Kondaveeti, Ms. Jahnavi Deva, Ms. Lakshmi Rajatarangini Tarapatla and Ms. Sravanthi Vaddi** (students from the department of Biotechnology, Sri Yerramilli Narayanamurthy College, Narsapuram) successfully completed the assigned bonafide project work titled: **“Extraction, Purification and qualitative analysis of Bacterial plasmid DNA”** under the supervision and guidance of Dr. Ravikiran S. Yedidi, at The Center for Advanced-Applied Biological Sciences & Entrepreneurship (TCABS-E), Visakhapatnam branch for the partial fulfillment of Bachelor’s degree in Biotechnology (2019-22).

Examiner 1:

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HoD, Biotechnology
Sri Yerramilli Narayanamurthy College

Examiner 2:

V.T. Vandana




Head of the Dept. of Biotechnology
Sri Y.N. College (A)
Accredited by NAAC at 'A' Grade With A
CGPA of 3.40
Recognised by UGC as 'College With
Potential for Excellence'
NARSAPUR - 534 275



CERTIFICATION

This is to certify that **Ms. Divya Sri Kondaveeti, Ms. Jahnvi Deva, Ms. Lakshmi Rajatarangini Tarapatla and Ms. Sravanthi Vaddi** (students from the department of Biotechnology, Sri Yerramilli Narayanamurthy College, Narasapuram) successfully completed the assigned bonafide project work titled: **“Extraction, Purification and qualitative analysis of Bacterial plasmid DNA”** under my supervision and guidance at The Center for Advanced-Applied Biological Sciences & Entrepreneurship (TCABS-E), Visakhapatnam branch for the partial fulfillment of Bachelor’s degree in Biotechnology (2019-22).

*For: The Center for Advanced-Applied Biological
Sciences & Entrepreneurship (TCABS-E), R.J.Y.*

Dr. Ravikiran S. Yeduri

FOUNDER

Founder, Principal Scientist & Lead Instructor
The Center for Advanced-Applied Biological Sciences & Entrepreneurship (TCABS-E)
Rajamahendravaram (A.P.) India.
Branch: Visakhapatnam.
Tel. +91-8660301662.
Email: tcabse.india@gmail.com
Website: <https://www.tcabse.org>

DECLARATION BY THE CANDIDATE

We hereby solemnly declare that the work in this project entitled "**Extraction, Purification and qualitative analysis of Bacterial plasmid DNA**" is submitted for the partial fulfilment of B.Sc. Degree in Biotechnology and is an original piece of research work done by me along with my peers under the guidance of Dr. Ravikiran S. Yedidi at TCABS-E, Visakhapatnam branch. I declare that parts of this work has been worked on and was submitted by my peers to their respective educational institutions in India/abroad.

Divya Sri Kondaveeti *Divya Sri*
Jahnavi Deva *Jahnavi*
Lakshmi Rajatarangini Tarapatla *L. Rajarajini*
Sravanthi Vaddi *V. Sravanthi*

Date: *19/7/2022*..