

Diagnosis of Covid-19 Virus by Using Realtime Polymerase Chain Reaction
(RT-PCR)



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

Submitted to:

Gedela Sam Babu

Head of the department of Biotechnology,
Sri Yerramilli Narayana Murthy College,
Narasapuram.

Submitted by:

Kothapalli Girija Swathi (Regd.No: 11910004)



Under the guidance of:

Dr. P. Madhu Babu MSc., PhD.,
Director, Department of Molecular Biology
Omics Nextgen Laboratories Pvt. Ltd.
Old BJP Office Road, Bhimavaram-2
West Godavari District, Andhra Pradesh.



CERTIFICATION

This is to certify that Ms. **Kothapalli Girija Swathi** (student from the department of Biotechnology, Sri Yerramilli Narayana Murthy College, Narasapuram) successfully completed the assigned bonafide project work titled: “**Diagnosis of Covid-19 Virus by Using Realtime Polymerase Chain Reaction (RT-PCR)**” under the supervision and guidance of Dr. P. Madhu Babu MSc., PhD., Director, Department of Molecular Biology Omics Nextgen Laboratories Pvt. Ltd. Bhimavaram branch for the partial fulfillment of Bachelor’s degree in Biotechnology (2019-22).

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Examiner 1:

[Handwritten signature]

[Handwritten signature]
HoD, Biotechnology

Sri Yerramilli Narayana Murthy College

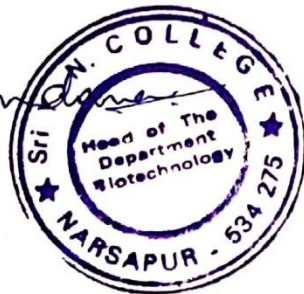
Head of the Dept. of Biotechnology
Sri Y.N. College (A)

Accredited by NAAC at 'A' Grade With A
CGPA of 3.40

Recognised by UGC as 'College With
Potential for Excellence'

NARSAPUR - 534 275

Examiner 2: V. J. *[Handwritten signature]*



CERTIFICATION

This is to certify that **Ms. Kothapalli Girija Swathi** (student from the department of Biotechnology, Sri Yerramilli Narayana Murthy College, Narasapuram) successfully completed the assigned bonafide project work titled: "**Diagnosis of Covid-19 Virus by Using Realtime Polymerase Chain Reaction (RT-PCR)**" under my supervision and guidance at Department of Molecular biology, Omics Nextgen Laboratories PVT LTD, Old BJP Office Road, Bhimavaram-2 West Godavari District, Andhra Pradesh, for the partial fulfilment of Bachelor's degree in Biotechnology (2019-22).

Place: Bhimavaram

Date: 13/05/2022

Dr. P. Madhu Babu



DECLARATION BY THE CANDIDATE

We hereby solemnly declare that the work in this project entitled “**Diagnosis of Covid-19 Virus by Using Realtime Polymerase Chain Reaction (RT-PCR)**” 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 P. Madhu Babu MSc., PhD., Director, Department of Molecular Biology Omics Nextgen Laboratories I declare that parts of this work has been worked on and was submitted by my peers to their respective laboratories

K. Girija Swathi
Kothapalli Girija Swathi

Date: 19/7/22