

# *S. R. R. & C.V.R GOVT. DEGREE COLLEGE(A)*

## *Department of Biochemistry*

### **NPTEL MOOCs ONLINE CERTIFICATION PROGRAMME**

#### **YEAR – 2020, 8 - WEEK PROGRAMME**

#### **Title of the programme: HUMAN MOLECULAR GENETICS**

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#### **Student Report: By P. Lavanya**

I am Puppalla Lavanya, studying III B.Sc. (M.B.C.) in S.R.R. & CVR GDC, VIJAYAWADA. As a part of co-curricular activity in my graduation, I was enrolled in NPTEL online course by the Department of Biochemistry. NPTEL stands for **National program for Technology Enhanced Learning**. It is an initiative by 7 Indian institutes of technology (I.I.T. Bombay, Delhi, Guwahati, Kanpur, Kharagpur, Madras, and Roorkee) and the Indian Institute of science. As India needs many more teachers for effective implementation of higher education in professional courses, these types of practices are primarily helpful to teachers, scholars, and students like me. NPTEL is offering many web courses every year. I and my classmates have selected the **Human Molecular Genetics** course out of the proposed courses to accomplish. It is a free online course in the medium of English. The duration of the course is eight weeks long.

The course consists of 4 modules, each module is divided into subtopics. We learned from central dogma of molecular biology to the human genome project and Hap Map project. This course was introduced the advancements in our understanding the role of human genome in health and disease. We learned key concepts of inheritance of human traits, pedigree analysis and chromosome organisation. We were also introduced with molecular biology tools for understanding the genome, gene structure mapping and strategies in gene cloning. The objectives and outcomes of human genome project were discussed in detail.

From our class everybody was asked to join the course and get the certification, from our class 8 members joined. Our beloved madam Syed Vaziha Tahaseen acted as a mentor for this course and video lectures were presented in virtual classes of our college. We thank our principal Dr. Velaga Joshi and our biochemistry madam Syed Vaziha Tahaseen, for encouraging and supporting and clarifying our doubts throughout the course. Due to Covid

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## Department of Biochemistry

19 our friends were unable to write the exam for certification, but they followed all the lectures and completed the assignments.

This certificate is computer generated and can be verified by scanning the QR code given below. This will display the certificate from the NPTEL repository, <https://nptel.ac.in/noc/>

Roll No: NPTEL20BT06S12500128

To  
PUPPALLA LAVANYA  
NEW RTC COLONY , AUTONAGAR  
VIJAYAWADA  
KRISHNA  
ANDHRA PRADESH - 520007  
PH. NO :9676544622



Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully Completed
<40	No Certificate

No. of credits recommended by NPTEL:1

An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.



## NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**PUPPALLA LAVANYA**

for successfully completing the course

**Human Molecular Genetics**

with a consolidated score of **58** %

Online Assignments	13.33/25	Proctored Exam	45/75
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Total number of candidates certified in this course: 184

Prof. Rajesh M. Hegde  
Chairman, Centre for Continuing Education  
IIT Kanpur

Jan-Feb 2020  
(4 week course)

Prof. Satyaki Roy  
NPTEL Coordinator  
IIT Kanpur



Indian Institute of Technology Kanpur




Roll No: NPTEL20BT06S12500128

To validate and check scores: <https://nptel.ac.in/noc/>

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**Elite**

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to  
**MIRIYALA VYSHNAVI**  
for successfully completing the course  
**Human Molecular Genetics**  
with a consolidated score of **62** %

Online Assignments	15.83/25	Proctored Exam	46.5/75
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Total number of candidates certified in this course: **184**




**Prof. Rajesh M. Hegde**  
Chairman, Centre for Continuing Education  
IIT Kanpur


Jan-Feb 2020  
(4 week course)



**Prof. Satyaki Roy**  
NPTEL Coordinator  
IIT Kanpur



Indian Institute of Technology Kanpur



FREE ONLINE EDUCATION  
**swayam**  
Digitize with passion

Roll No: NPTEL20BT06S12500065

To validate and check scores: <https://nptel.ac.in/noc>

This certificate is computer generated and can be verified by scanning the QR code given below. This will display the certificate from the NPTEL repository, <https://nptel.ac.in/noc/>

Roll No: NPTEL20BT06S12500065

To  
MIRIYALA VYSHNAVI  
30/10/12  
VIJAYAWADA  
KRISHNA  
ANDHRA PRADESH - 520002  
PH. NO :7287039175



Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully Completed
<40	No Certificate

**No. of credits recommended by NPTEL:1**

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## ***Department of Biochemistry***

### **NPTL MOOCS ONLINE CERTIFICATION PROGRAMME**

#### **YEAR – 2021, 8 - WEEK PROGRAMM**

#### **Program name: Experimental Biochemistry**

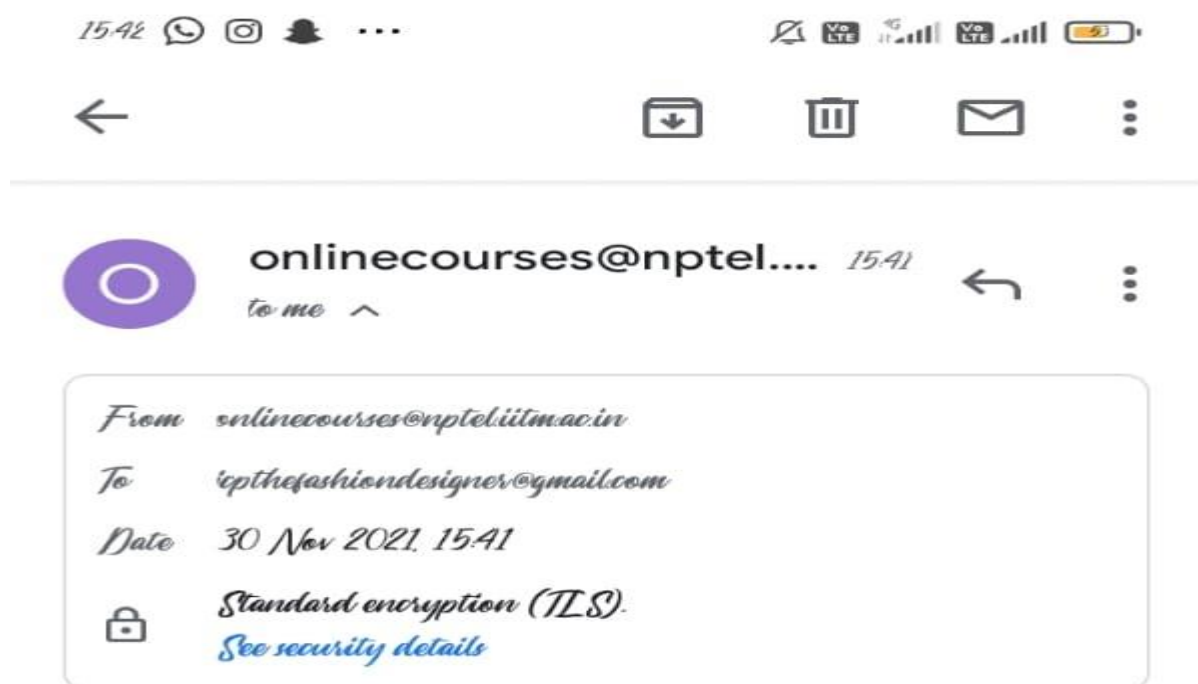
#### **Date of commencement: January 2022**

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**Students enrolled: III BSc M.B.C., Biochemistry students.**

Hall ticket no: -19313223 Name: -Prudhvi Nayak Gender: -male Category: -S.T. Father name: - S.srinu Nayak Mother name: -S.Rani Mobile no: -9553422149	Hall ticket no: 19313224 Name: J.Vijay Babu Gender: Male Category: S.C. mala Father name: J.Mahalaksh mudu Mother name: J.Nagamani Mobile no: 9398793941
Hall Ticket no:19313207 Name: Raviteja Gender: Male Category: Sc(Madhya) Father name: Muralidhar Mother name: Jyothi Mobile no:889706875	Hall ticket no: 19313210 Name: juturi venkateswarlu Gender: male Category: BC-D Father's name: Srinivasulu Mother's name: Govindhamma Mobile no:9951856147
Hall ticket no: 19313230 Name: K.Priya Krishna Gender: Female Category: O.C(Kamma) Father name: K. Pulliam Mother name: K.Rani Mobile no: 9885759468	Hall ticket no: 19313201. Name: Jangala chandini priya Gender: female Category: oc(aarya vyasa) Fathers name: Jangala Yadhunadha Kumar. Mothers name: Anuradha Mobile no:7702336901
Hall ticket no:19313217 Name: E.Divya keerthana Gender: Female Category: BC-B(kumari) Father name: E.Ramesh Mother name: E.Lakshmi Mobile.no: 9133123324	Hall ticket no: 19313226 Name S.K. Ameena Kausar Gender: Female Category: BC-E(Muslim) Father Name: S.K.Maqsood Ahamed Mother Name: SK.khamurunnisa Begum Mobile no. 9052086828

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*Department of Biochemistry*



Dear Learner

Welcome to SWAYAM-NPTEL Online Courses and Certification!

Thank you for signing up for our online course "**Experimental Biochemistry**". We wish you an enjoyable and informative learning experience.

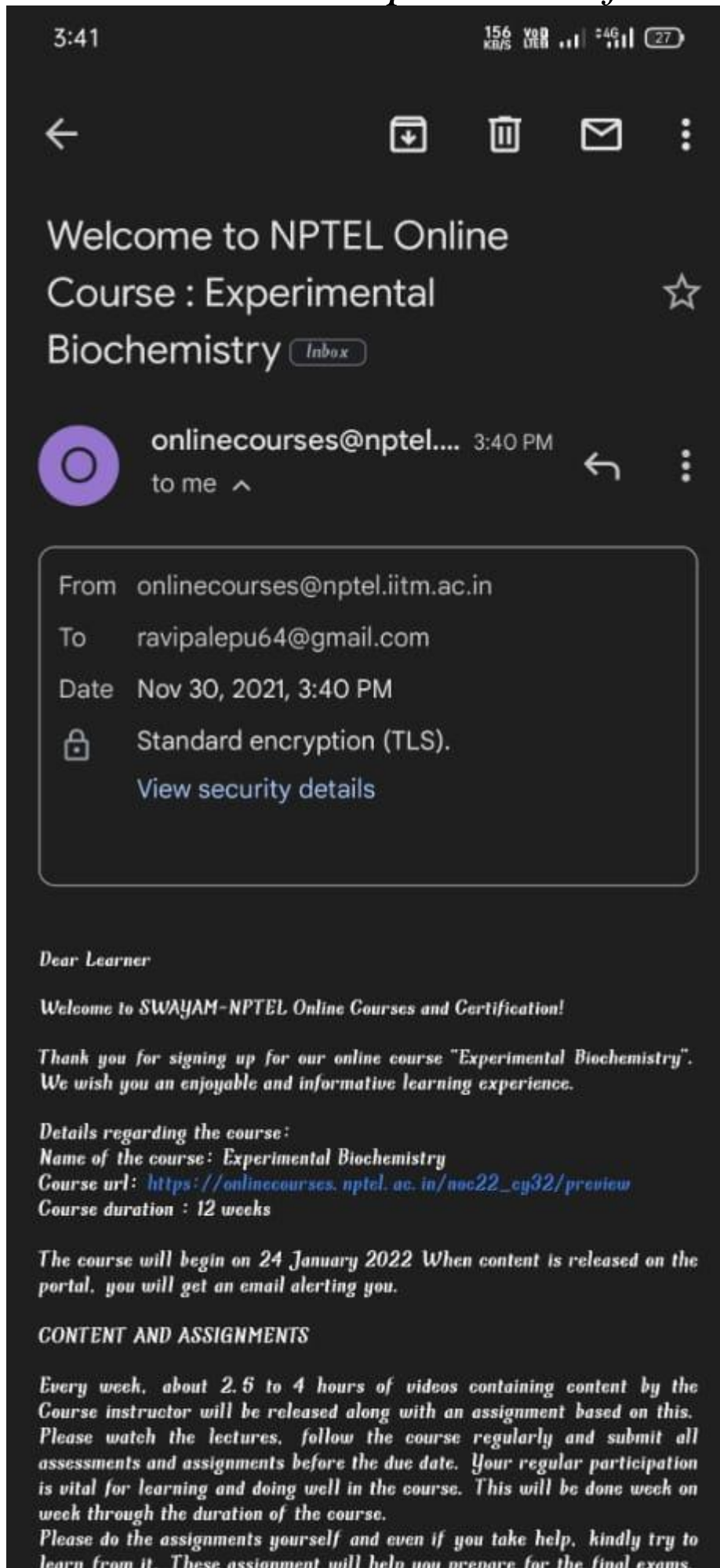
**Details regarding the course:**

**Name of the course:** Experimental Biochemistry  
**Course url:** [https://onlinecourses.nptel.ac.in/noc22\\_cy32/preview](https://onlinecourses.nptel.ac.in/noc22_cy32/preview)  
**Course duration :** 12 weeks

The course will begin on **24 January 2022** When content is released on the portal, you will get an email alerting you.

**CONTENT AND ASSIGNMENTS**

Every week, about 2.5 to 4 hours of videos containing content by the Course instructor will be released along with an assignment based on this. Please watch the lectures, follow the course regularly and submit all assessments and



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