

# Online Certificate Course in Recombinant DNA (rDNA) Technology

3<sup>rd</sup> – 16<sup>th</sup> October, 2025

## Course Highlights

- Introduction to Recombinant DNA (rDNA) Technology and DNA Structure and Function
- DNA Replication
- Tools of rDNA Technology – Enzymes
- Vectors in Genetic Engineering
- Host Cells, Transformation Methods and Colony Selection
- DNA Isolation and Purification Techniques
- Gel Electrophoresis and DNA Analysis
- Cloning Strategy and Recombinant DNA Construction
- PCR and Site-directed Mutagenesis
- Expression of Recombinant Proteins
- Applications and Ethical Aspects of rDNA Technology
- Troubleshooting, Q & A
- Self Assessment Quizzes

## Speakers

Dr. Aruna Goenka Agrawal  
Dr. Madhuri Cherukumilli  
Dr. Rajendra Kumar  
Dr. Dhiraj Bhatia

Dr. Sushma Singh  
Dr. Geetanjali Sundaram  
Dr. Anirudh Singh

**REGISTER** 

**Last Date of Registration:**  
2<sup>nd</sup> October 2025

### Who Can Attend

- Students, lab technologist, researchers, postdoc, faculty, doctors, industry professionals, etc.
- Participants from academic/non-academic institutions from all over the world are encouraged to apply.



Reading material provided



Recordings available for all sessions



E-Certificate given to registered participants



Online course is 22 hours over 11 days

For More Information, please visit  
[www.flowsols.com](http://www.flowsols.com)

Contact: [training@flowsols.com](mailto:training@flowsols.com), +91-7665130114

# Online Certificate Course in Recombinant DNA (rDNA) Technology

**3<sup>rd</sup> – 16<sup>th</sup> October, 2025**  
**(7.00pm – 9.00pm IST)**

## HIGHLIGHTS

Introduction to Recombinant DNA (rDNA) Technology  
DNA Structure, Function and Replication  
Tools of rDNA Technology – Enzymes  
Vectors in Genetic Engineering  
Host Cells, Transformation Methods and Colony Selection  
DNA Isolation and Purification Techniques  
Gel Electrophoresis and DNA Analysis  
Cloning Strategy and Recombinant DNA Construction  
PCR and Site-directed Mutagenesis  
Expression of Recombinant Proteins  
Applications and Ethical Aspects of rDNA Technology  
Troubleshooting, Q & A, Self Assessment Quizzes

## SPEAKERS



**Dr. Aruna Goenka Agrawal**  
Director  
Flowcytometry Solutions  
Jaipur, India



**Dr. Madhuri Cherukumilli**  
Assoc. Dir., Search & Evaluation Lead  
Global Business Dev. & Alliance Mgmt.  
Merck, Darmstadt, Germany



**Dr. Sushma Singh**  
Professor  
Dept. of Biotechnology  
NIPER-Mohali, India



**Dr. Geetanjali Sundaram**  
Associate Prof. & Head  
Dept. of Biochemistry,  
University of Calcutta, India



**Dr. Rajendra Kumar**  
Instructor  
Genitourinary Oncology,  
John Hopkins University, USA



**Dr. Dhiraj Bhatia**  
Associate Professor,  
Dept. of Biological Sciences & Engg.  
IIT-Gandhinagar, India



**Dr. Anirudh Singh**  
Associate Professor  
SAM Global University  
Raisen, M.P., India

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## How to Apply

-Fill Registration form online by clicking the “REGISTER” button below

-Participants from India can make a payment by scanning the QR below and share the receipt via email at [training@flowsols.com](mailto:training@flowsols.com)

-International participants, first fill the registration form and then send us the request for payment link at [training@flowsols.com](mailto:training@flowsols.com)

## Registration Fee\*

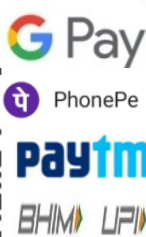
### From India:

Student/Technician/JRF/SRF/Trainee (From Academia):  
INR 1200

Postdoc/Resident (JR/SR)/Faculty/ Technical or Research Officer/Consultant/ Research Associate/Scientist: INR 1800

Diagnostic Lab/Company/Non-Academia-Clinical or Research: INR 2500

Scan the Below QR Code and Pay (For India)



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### International:

SAARC/Africa/South East Asia/  
South America: USD60

Other Countries: USD 100

**REGISTER**



**\*Registration Fee is non-refundable**

**Discount on Registration Fee**  
**10% for Group of 5 or More**

***Last Date of Registration***  
***2<sup>nd</sup> October 2025***

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