



ST. XAVIER'S COLLEGE, MAPUSA GOA

College with Potential for Excellence
 Re accredited by NAAC with A Grade
 Awarded DBT STAR College Scheme

Nature of Event (Workshop, Guest Lecture, Add-on Course, Seminar, etc.)	Online certificate course on Recombinant DNA technology
Name of Department	Biotechnology
Faculty In-Charge	Ms. Anjelica Matias, Ms. Anabel Alphonso, Ms. Jenica Rangel, Ms. Swaroopa Naik.
Stratum of Event (College, State, Regional, National)	National
Title of Event	Online Certificate course on Recombinant DNA technology (Batch 18)
Date of Event	13 th February 2022- 23 rd February 2022
Venue	Online
Objective/ Scope of Event	To learn the concepts, appropriate tools and techniques associated in use of recombinant technology.
Particulars of Event	<p>Four Assistant professors, Ms. Anjelica Matias, Ms. Anabel Alphonso, Ms. Jenica Rangel, Ms. Swaroopa Naik attended the Online Certificate course on Recombinant DNA technology (Batch 18) organized by Microbiological Society of India from 13th February 2022 to 23rd February 2022. The course contents were:</p> <ol style="list-style-type: none"> 1. Players of Gene cloning, 2. Various Strategies for Gene cloning and expression of cloned gene in different E. coli host, insect host and in animal cell line, 3. Techniques used in Recombinant DNA technology, gel electrophoresis, 4. PCR, 5. Basic chemistry and mathematics, 6. Basics of vaccine, 7. Basics of protein engineering, 8. Genetic engineering of Plant etc.
Outcome of Event	<p>Will be able to:</p> <ol style="list-style-type: none"> 1. create recombinant tools, 2. conceptualize the various steps in cloning DNA in an

	<p>appropriate vector and evaluate gene expression.</p> <ol style="list-style-type: none">3. Apply and use the knowledge to create tools in diagnostics, medical and forensic science.4. Apply and use PCR for diagnostic applications
Feedback	<p>The sessions were enriching, informative and provided a valuable insight in tools and techniques involved in recombinant DNA technology.</p>

Total No. of Participants	04

Photographs