

Techniques on PCR

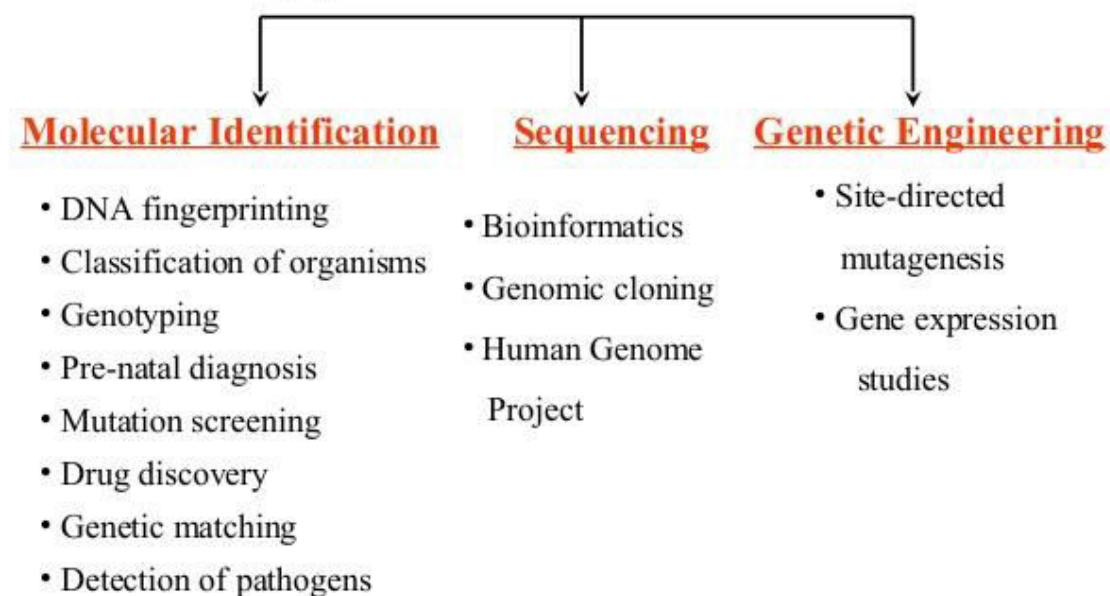
What is PCR?

Polymerase chain reaction (PCR) is a technique used in molecular biology to amplify a single copy or a few copies of a segment of DNA across several orders of magnitude, generating thousands to millions of copies of a particular DNA sequence. It is an easy, cheap, and reliable way to repeatedly replicate a focused segment of DNA, a concept which is applicable to numerous fields in modern biology and related sciences. PCR is probably the most widely used technique in molecular biology. This technique is used in biomedical research, criminal forensics, and molecular archaeology.

Why is it important to do this workshop?

PCR is now a common and often indispensable technique used in clinical and research laboratories for a broad variety of applications in various fields as displayed below.

Applications of PCR



What will be taught in this one day workshop?

This technique has immense implications in various fields of biotechnology and in this one day of work shop industrially trained professionals will give a hand to train the interested candidates taking part in the event on various procedures required to master this technique practically.

Prerequisites for this workshop:

1. Basic knowledge on the principles of PCR and its area of application.
2. Brief knowledge on the procedures required which might help the candidate understand what is being taught more easily and help him/her with the practical.

Things to be carried to the workshop:

1. Notebook pen for your convenience
2. Laptop not essential though but the presentation to be displayed in the beginning can be downloaded in it if required.

Things to be carried away from the workshop:

1. Notebook, pen, other accessories brought to the event.
2. Certificate offered by the company(per person)

Date of workshop: 17/01/2018

Time span: 11am onwards

Venue: Bengal institute of technology, Biotech building(1st building)

Workshop fee: 450 INR per person

