



Genetics Job Oriented Training Program

The Genetics Job Oriented Training Program focuses on hands-on skills and techniques needed for careers in genetics. Participants gain expertise in genetic testing, laboratory protocols, genetic counseling basics, and applied genetics in healthcare and industry.

Note: Below modules are designed keeping high end industrial professionals into consideration. Please refer individual protocols below for affordable prices.

Genetic Testing and Diagnostic Techniques

Kindly review the fees outlined for the individual protocols listed in this module.

- PCR and gel electrophoresis for disease-related genes
- Genotyping and mutation screening techniques
- Introduction to sequencing for clinical diagnostics
- Case studies on genetic diagnostics in healthcare

Laboratory Protocols and Safety

Kindly review the fees outlined for the individual protocols listed in this module.

- Sterilization techniques and contamination control
- Use of lab equipment (centrifuges, pipettes, etc.) in genetics
- Sample labeling, storage, and documentation protocols
- Quality assurance in genetic testing laboratories

Genetic Counseling Basics

Kindly review the fees outlined for the individual protocols listed in this module.

- Ethical considerations in genetic testing and counseling
- Interpretation of genetic test results for clients
- Communication skills for explaining genetic risks

- Introduction to prenatal and cancer genetics counseling

Applied Genetics in Biotechnology

Kindly review the fees outlined for the individual protocols listed in this module.

- Genetic engineering for enzyme and drug production
- CRISPR applications in agriculture and industry
- Genetic modifications for microbial production systems
- Role of genetics in developing biotechnological products

Job Readiness and Professional Skills

Kindly review the fees outlined for the individual protocols listed in this module.

- Networking strategies in the genetics and biotech industry
- Technical writing for reports and lab documentation
- Time management and project planning in lab settings
- Presentation skills for scientific data and findings

Individual Protocols Under Genetics Job Oriented Training Program

1. DNA extraction and preparation for diagnostic testing | **Fee: Contact for fee**
2. PCR and gel electrophoresis for disease-related genes | **Fee: Contact for fee**
3. Genotyping and mutation screening techniques | **Fee: Contact for fee**
4. Introduction to sequencing for clinical diagnostics | **Fee: Contact for fee**
5. Case studies on genetic diagnostics in healthcare | **Fee: Contact for fee**
6. Laboratory safety and handling of genetic samples | **Fee: Contact for fee**
7. Sterilization techniques and contamination control | **Fee: Contact for fee**
8. Use of lab equipment (centrifuges, pipettes, etc.) in genetics | **Fee: Contact for fee**
9. Sample labeling, storage, and documentation protocols | **Fee: Contact for fee**
10. Quality assurance in genetic testing laboratories | **Fee: Contact for fee**
11. Understanding genetic inheritance patterns for counseling | **Fee: Contact for fee**
12. Ethical considerations in genetic testing and counseling | **Fee: Contact for fee**
13. Interpretation of genetic test results for clients | **Fee: Contact for fee**
14. Communication skills for explaining genetic risks | **Fee: Contact for fee**
15. Introduction to prenatal and cancer genetics counseling | **Fee: Contact for fee**
16. Applications of recombinant DNA technology in industry | **Fee: Contact for fee**

17. Genetic engineering for enzyme and drug production | **Fee: Contact for fee**
18. CRISPR applications in agriculture and industry | **Fee: Contact for fee**
19. Genetic modifications for microbial production systems | **Fee: Contact for fee**
20. Role of genetics in developing biotechnological products | **Fee: Contact for fee**
21. Resume building and interview preparation for genetics roles | **Fee: Contact for fee**
22. Networking strategies in the genetics and biotech industry | **Fee: Contact for fee**
23. Technical writing for reports and lab documentation | **Fee: Contact for fee**
24. Time management and project planning in lab settings | **Fee: Contact for fee**
25. Presentation skills for scientific data and findings | **Fee: Contact for fee**

Please contact on +91-8977624748 for more details

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