Advanced Focussed Areas for Interns in Synthetic Intelligence Internships

- **Fundamentals of Synthetic Intelligence**
  - Introduction to AI and Machine Learning
  - Basics of Bioinformatics and Computational Biology
  - Applications of AI in Biological Sciences
  - Ethics and Safety in AI Research
  - Future Directions in Synthetic Intelligence
- **AI and Machine Learning in Genomics**
  - AI-Driven Genomic Data Analysis
  - Predictive Modeling and Disease Risk Assessment
  - Case Studies in AI Applications in Genomics
  - Future Trends in Genomic AI
  - Challenges in AI-Driven Genomic Research
  - Regulatory Aspects of AI in Genomics
  - Impact of AI on Genomic Medicine
  - Public Engagement and Education in Genomics and AI
  - Integration of AI with Genomic Technologies
- **AI in Bioinformatics and Systems Biology**
  - Bioinformatics Algorithms and AI Tools
  - Systems Biology and Network Analysis
  - Case Studies in AI for Bioinformatics
  - Future Directions in AI and Bioinformatics
  - Challenges in Computational Modeling
  - Regulatory Aspects of Bioinformatics
  - Impact of AI on Systems Biology
  - Public Engagement and Education in Bioinformatics
  - Integration of AI with Biological Data Analysis
- **AI in Drug Discovery and Development**
  - AI for Drug Target Identification and Validation
  - Virtual Screening and Molecular Docking
  - Case Studies in AI-Driven Drug Discovery
  - Future Directions in AI and Pharmaceuticals
  - Challenges in AI Applications in Drug Development

- Regulatory Aspects of AI in Drug Discovery
- Impact of AI on Pharmaceutical Research
- Public Engagement and Education in Drug Development
- Integration of AI with Medicinal Chemistry
- Future Research Priorities in Synthetic Intelligence
- **Future Directions and Emerging Trends**
  - Innovations in Synthetic Intelligence and AI Research
  - Role of AI in Personalized Medicine
  - Emerging Applications in Biomedical and Agricultural Research
  - Global Trends in Synthetic Intelligence Research
  - Future of AI in Healthcare and Industry
  - Ethics and Regulation in AI Research
  - Future Research Priorities in AI and Biological Sciences
  - Impact of AI on Society
  - Public Engagement and Education in AI and Biology
  - Integration of AI with Biological Systems

Contact Via Whatsapp on +91-7993084748 for Fee Details