



CENTRE FOR ADVANCED TRAINING AND RESEARCH

Provide High-Quality Education for Everyone

Vision and Mission

- To promote excellence in the field of science and technology research.
- To provide a high-quality training program designed to create a talent pool of professionals who can easily achieve their personal, financial, and self-improvement goals.
- To foster academic-industry / professional synergies, and collaborate with counterpart institutions, industry & and government organizations to develop knowledge for new business innovations.
- To be a trusted institute in understanding and responding to students' needs with products & and services.
- Contribute to India and global science and technology industrial development as per prescribed standards.
- To foster academic-industry / professional synergies, and collaborate with counterpart institutions, industry & and government organizations to develop knowledge for new business innovations.

Recognition and Registration



Reg. No. 1074



UDYAM-UP-50-0124197
Ministry of MSME



Reg. No. UP
UPSA28757881



ISO Certified
9001:2015

What we Provide

Online Courses

We offer comprehensive online courses designed to enhance your knowledge and skills.

In-Person Customized Training

We offer tailored in-person training to meet your specific needs. Our expert trainers collaborate closely with you to understand your goals.

Industrial Consultancy

We offer comprehensive industrial consultancy services to optimize your operations.

Article Publications

Our article publication services offer a platform to share your expertise.

Career Guidance and Interview Preparations

Our career guidance and interview preparation services offer personalized support to help you excel in your professional journey.

Job Hunting

Our job-hunting services help you in finding suitable employment.

Certificate Courses

Our educational institution offers a diverse range of courses related to science and technology

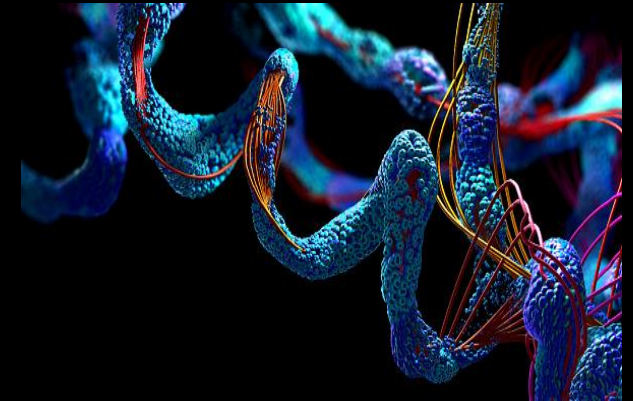
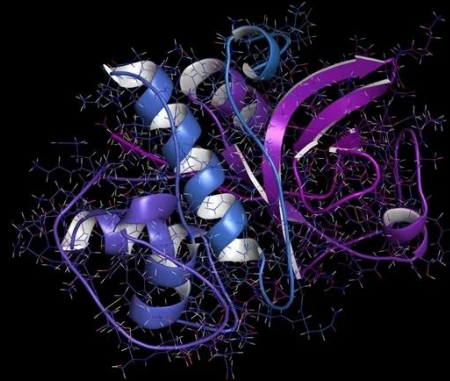
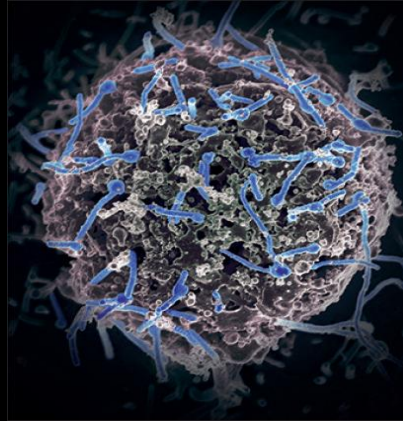
Biotechnology,
Big data Analysis,

Bioinformatics,
Python,

Data Science,
R programming

Biostatistics,
MATLAB

Artificial Intelligence,



Online and offline Workshop/Training/Project/Dissertation/Hands-on Session

CATR synergizes theoretical knowledge and practical skills to promote all-round professional competence globally.

EVENTS

| S.No. | Name of Event | Date | Registered Participants |
|--------------|---|-----------------------|--------------------------------|
| 1. | Three Month Online Certificate Course in Bioinformatics Ongoing | 02 March 2024 | 74 |
| 2. | Basic Bioinformatics Workshop Completed | 7-9 Jan, 2024 | 134 |
| 3. | One week online training on Molecular Docking & Molecular Dynamics Simulation Completed | 01-08 Jan, 2023 | 67 |
| 4. | Basic to advanced Bioinformatics training course Completed | 20 Feb-02 March, 2023 | 85 |
| 5. | Advanced Bioinformatics Training Course Completed | 25 Apr-10 May, 2023 | 107 |
| 6. | Bioinformatics Workshop Completed | 6-10 NOV, 2023 | 122 |
| 7. | Three Week Online Summer Training on Computer-Aided Drug Designing Completed | 04-25 Aug, 2022 | 39 |
| 8. | E-Workshop on 16s ribosomal RNA gene: From Primer Designing to Phylogenetic Analysis Completed | 24-26 Sept, 2022 | 33 |
| 9. | Registration for Short Term Bioinformatics Training on CADD Completed | 19-28 Nov, 2022 | 187 |
| 10. | Dissertation/Training/Projects Registration Open | Since 2022 | 30+ |

Participants from Eminent Institutes

| S. No. | University/Institute | Country |
|--------|---|--------------|
| 1. | Purdue University Canada | USA |
| 2. | University of Sri Jayewardenepura | Shri Lanka |
| 3. | Wayamba university of Sri Lanka | Shri Lanka |
| 4. | University of Ruhuna | Shri Lanka |
| 5. | Imam Mohammad Ibn Saud Islamic University | Saudi Arabia |
| 6. | King Saud University | Saudi Arabia |
| 7. | Khalifa University | Dubai |
| 8. | National institute of pharmaceutical education and research (NIPER) Raebareli | INDIA |
| 9. | BITS Goa | INDIA |
| 10. | BITS PILANI | INDIA |
| 11. | IIT DELHI, IIT Kanpur, IIT Kharagpur | INDIA |
| 12. | AMU | INDIA |
| 13. | Punjab University | INDIA |
| 14. | Jamia Millia Islamia | INDIA |
| 15. | NIT Andhra Pradesh | INDIA |
| 16. | Delhi University | INDIA |
| 17. | Lucknow University | INDIA |
| 18. | Jamia Hamdard University | INDIA |
| 19. | Assam Agriculture University | INDIA |
| 20. | Central University of Rajasthan | INDIA |
| 21. | University of Mysore | INDIA |



Bringing Excellence To Students