

## **M.Sc CLINICAL RESEARCH**

**Certified and recognized by the University of Mysore**



***Enhance your skills for a dream career in Clinical Research organization***



### **Innovative Center for Biosciences**

(A Unit of ICBio Clinical Research Pvt. Ltd.)

#16, ICBio Tower, Chikkabettahalli,

Yelahanka Main Road, Bangalore 560097

Ph: +91 80 23641042/43,

Fax: +91 80 23641033

Mobile: +91 9900111992, +91 9901111992

Mail: [info@icbio.org](mailto:info@icbio.org); [course@icbio.org](mailto:course@icbio.org)

Web: <http://www.icbio.org/>; <http://www.icbiocro.com/>

**About US**

**Innovative Centre for Biosciences**, the academic wing of ICBio Clinical Research Pvt. Ltd., Bangalore, was established in 2006 by likeminded, elite professionals and academicians from various segments of the society and is presently the leading research and customized education provider in the field of Clinical Research and Healthcare.

ICBio is collaborated with University of Mysore to offer globally recognized regular certificate courses in Health Care and Clinical Research with specialization in Clinical Research, Data Management, Pharmacovigilance, and Pharma Regulatory Affairs. ICBio uses high-quality and innovative approaches, methodologies and fulltime staff members, in research & teaching, to improve the job prospects for learners and aspirants of Life sciences thereby enabling them to meet the growing demand of skilled manpower for the Pharma, Healthcare, Life Sciences, and Biomedical industries.

ICBio provide quality training to all its students and ensures optimum utilization of its training resources by adhering to ISO 9001:2008 standards.

**About University of Mysore**

**The University of Mysore** is among the foremost institutions of its kind, and is an enduring symbol in the sphere of higher education in India. It was founded by the then Maharaja of Mysore, His Highness Sri Krishnaraja Wodeyar IV, who became its first Chancellor. The University of Mysore, the first ever University in Karnataka, became the first University outside the domain of the English administration in India with faculties for Arts, Science, Engineering, Technology and Medicine. The University now encompasses 183 affiliated colleges and 4 Constituent Colleges. In addition, the University has 48 post graduate departments, 8 specialized research & training centers and 2 post graduate centers that together offer about 75 Post Graduate programs, 41 diplomas and post graduate diploma programs and 12 programs at graduate level.

The Post Graduate departments are reputed for excellence in advanced studies and research, and have attracted projects and grants worth cores of rupees from many national and international institutions. The University has established a rapport with many well-known and prestigious universities and institutions abroad for academic, technical and cultural exchange.

The University of Mysore has since its inception, striven to produce well-qualified and well-motivated youth to serve humanity as teachers, administrators, doctors, engineers, scientists, lawyers, social workers and in various other fields.

**M.Sc. IN CLINICAL****Course Details**

Certificate	M.Sc. In Clinical Research
Duration	24 months
Classes	Weekly 5 days
Timings	10 a.m - 2 p.m

**Course Objective**

- ▶ To impart knowledge about Clinical Research and services offered by ICBio.
- ▶ To make our students "Ready to be absorbed Clinical Research Professionals."
- ▶ To create awareness about Clinical Research and the latest techniques and trends in the industry.
- ▶ To create awareness about the potential of the Clinical Research industry.
- ▶ To create awareness about Career Prospects in the Clinical Research industry.

**Eligibility**

Graduates from the following stream are eligible to join

- ▶ Life sciences
- ▶ Pharmacy
- ▶ Nursing
- ▶ Dental
- ▶ Medicine
- ▶ Biotechnology
- ▶ Bio medical Engineering

**Course Curriculum****Semester I**

Paper	Title
1	Introduction to Clinical Research
2	Guidelines, Regulations and Ethics in Clinical Research
3	Site Management Organization
4	Perspective in Clinical Evaluation
5	On Job Training/ Minor project work-Viva Voce

**Semester II**

Paper	Title
1	Pharma Regulatory Affairs
2	Clinical Trial Management
3	Good Manufacturing Practices
4	Clinical Data Management
5	Dissertation work on ethics committee submission-Viva Voce / Project Work-Live project at CRO/Site Viva Voce

**Semester III**

Paper	Title
1	Pharmacovigilance
2	Biostatistics and its applications
3	Molecular mechanism of drug action
4	Statistical computing and graphics/ Internship and project submission
5	Medical therapeutic area

**Semester IV**

Paper	Title
1	Pre clinical evaluation
2	Medical writing
3	Bio availability bioequivalence studies
4	Dissertation work on Regulatory Dossier / Project work & Thesis submission
5	Practical: Central Lab

**Admission**

- ▶ Send your updated CV (your 10<sup>th</sup>, 12<sup>th</sup>, B.Sc. and / or M.Sc. results)
- ▶ Selection Process
- ▶ Selection letter
- ▶ Registration.

For Registration submit the duly filled application form along with copies of your 10<sup>th</sup>, 12<sup>th</sup> and graduation certificates and two passport size photographs, personally/post at our campus along with the prescribed registration fees.

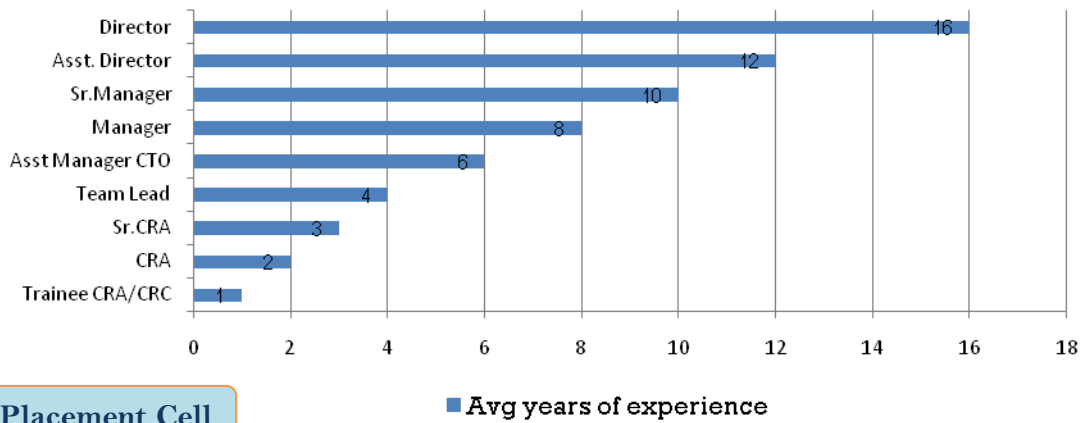
**Examination and Certification**

Semester wise examination would be conducted by the University of Mysore under their invigilation. The Student will receive the Marks cards and Convocation Certificate from the University of Mysore.

**Market Potential: Clinical Research**

Clinical Research sector is booming day by day and in this perspective of globalization the demand of Clinical Research Professional has increased tremendously. A profession in Clinical Research is among the top ten millennium professions according to a recent US survey. The size of the Clinical Research market in India is growing at 40% and is estimated to grow to around US\$4.5 billion by 2015. According to a Survey the country would needs around 2, 00,000 professionals in the Clinical Research industry in the coming years. In order to cater to the need, a **M.Sc. in Clinical Research** is a skill development program which is primarily targeted towards executing all the job functions of a Contract/Clinical Research Organization.

**Career prospects**



**Placement Cell**

The Placement Cell at ICBio serves as a bridge between the students and the Corporate to help the students find their dream careers. Apart from bringing a varied list of Recruiters to the campus, the Placement Cell also organizes talks, internship opportunities and workshops for the collective student body. As an added feature skill building workshops such as workshops for Personal Interviews and Group Discussions and Personality Development are conducted to help the students enhance their chances for a smooth transition from a student to an executive. The placement cell has been successful in bringing the best of organizations to the campus head hunting and is a fact of pride for ICBio. To provide world class industry and practical exposure to students, ICBio has collaborated with the companies like Quintiles, Accenture, Indegene, etc to place their students as interns during their course for duration of 3 to 6 months with paid stipend.

**Facilities**



## Course Highlights

- ▶ Certification from premier University/Recognized globally.
- ▶ Flexible Learning Schedule (Regular , Part Time)
- ▶ Globally Validated Curriculum developed by industry experts.
- ▶ Free comprehensive study material.
- ▶ Classroom/ Practical training by industry experts.
- ▶ In-house Central Lab & BA/BE training.
- ▶ 100% Placement Assurance\*.
- ▶ Outstanding placement record

## FAQs

- 1) Is your institution recognized by AICTE/UGC or any state govt.?  
A. Yes it is recognized by University of Mysore
- 2) Does your institute provide any placement assistance or guarantee?  
A. Yes, we provide 100% placement assurance to the students doing their Full time and Part time classroom programmes, and placement assistance will be given to Distance Learning.
- 3) Why Life Science graduates/Postgraduates are preferred for this course?  
A. Because of the domain experience and the terminologies associated with it.
- 4) How much will be the initial or start up salary for a Clinical Research professional?  
A. Somewhere around Rs.2 Lakh per annum
- 5) I have heard people in this industry need Hands-on-experience, could you please explain this?  
A. Yes it's true, that's why we will provide hands on experience and the 2nd semester would have practical sessions. Regular assessment would be done to monitor the students.
- 6) Where will the students be placed for internship and project work?  
A. During internship students will be placed directly in the CRO industry and at the investigator sites so they can have a practical approach/exposure to Clinical Research Methodologies and Processes.
- 7) Is there financial aid available and Can I pay the fee in installments?  
A. Yes, there are several scholarship programs available that may provide you with financial aid for the certificate courses. ICBio is established under MGET, a Non Governmental Organization, which provide scholarships to students based on their merit, caste or financial background. Finally, many banks offer private student loans that are directly applicable to continuing education, and career advancement. Yes, an applicant can pay the fee in 2 installments.
- 8) What are the job prospects after doing M.Sc. in Clinical Research from your Institute?  
A. There is huge demand for trained & qualified Clinical Research professionals in the Industry. Jobs are available in Contract Research Organizations, Pharmaceutical Companies and Research Sites. Salaries are according to qualification & experience ranging from Rs. 2, 00,000 to Rs. 18, 00,000 annually. Our programs are totally job oriented and the course curriculum is developed as per the industry requirements with Specializations in Clinical Research, Data Management, Pharmacovigilance and Pharma Regulatory Affairs. Your future employers are our faculty members. We provide 100% placement assurance\* by campus interviews. We also have in -house placement opportunities. During On Job Training (OJT /internship), students will be placed directly in the investigator site and in the industry, this will definitely give them a very good opportunity to prove their skills.
- 9) What are the different job profiles in the Clinical Research Industry?  
A. The Clinical Research industry is an integrated industry where job profiles varies from Clinical Research Associate, Clinical Research Coordinator, Clinical Trial Assistant, Clinical Research Investigator, Study Coordinator, Data Manager ,Regulatory Affairs Manager, Clinical Project Manager, Clinical Research Manager, Clinical Data Coordinator, Clinical Data Associate , Clinical Data Validator, Clinical Data Reviewer, SAS programmer, Biostatistician ,Business Development Manager ,Drug Safety Associate, Regulatory Affairs Associate ,Scientific Medical Writer ,QA/QC Associate .....
- 10) I need further details, who do I contact?  
A. We understand that choosing a course to study is an important decision and we would like to be able to provide you with as much information as we can to assist you. Please call us Monday-Saturday from 9 am to 6.30 pm at 080 23641042/43. Or you can email us anytime at [course@icbio.org](mailto:course@icbio.org) or [info@icbio.org](mailto:info@icbio.org) or visit [www.icbio.org](http://www.icbio.org)