



SRI KRISHNADEVARAYA EDUCATIONAL TRUST

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SIR M. VISVESVARAYA INSTITUTE OF TECHNOLOGY

(Affiliated to VTU-Belagavi, Recognized by AICTE and Accredited by NBA & NAAC)

Krishnadevarayanagar, Hunasamaranahalli, Off International Airport Road, Bengaluru - 562157



A 3-Day Hands - on workshop **on** **"Clinical Research and Career Opportunities"**

Date: 18th to 20th November, 2025

**Jointly organized by Department of Biotechnology, Sir M.VIT, Bengaluru-57
&
Bangalore Clinical Research Institute, Bengaluru-560102**

**Venue: CS Seminar Hall/BT Seminar hall
Sir MVIT Campus, Bengaluru-57**



Clinical Research

**Clinical Data
Management**

Medical Writing

**Clinical SAS, and
Pharmacovigilance**



INFORMATION BROCHURE

Department of Biotechnology

**Sir M.Visvesvaraya Institute of Technology ,
Off International Airport Road, Hunasamaranahalli,
Bangalore - 562 157, www.sirmvit.edu**

Sponsored by

**Sri Krishnadevaraya Educational Trust
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PREAMBLE

With the globalization of the pharmaceutical industry, organizations must align with regulatory standards and accelerate product commercialization. Clinical Data Management (CDM) plays a key role in collecting, validating, and organizing research data to ensure compliance and accuracy. With a demand for over 50,000 clinical professionals, this field offers excellent career prospects globally. India, recognized for its IT strength and expanding pharmaceutical and biotech sectors, has become a major hub for clinical research, data management, and pharmacovigilance outsourcing. CDM departments, often among the largest in pharma and CROs, handle data collection, quality checks, and error resolution.

Pharmacovigilance focuses on detecting, assessing, and preventing adverse drug reactions (ADRs) and ensuring medication safety. Professionals in this domain collect and evaluate data on side effects from medicines and biological products to safeguard public health. Career opportunities include roles such as Clinical Data Manager, Bio-statistician, Data Coordinator, Data Reviewer, Drug Safety Associate, and Pharmacovigilance Expert. Those skilled in SAS, SPSS, and Oracle Clinical are in high demand across pharma companies (e.g., Novartis, Dr. Reddy's, Ranbaxy), CROs, biotech firms, IT companies (e.g., Accenture, TCS, Cognizant, Wipro), and regulatory authorities (DCGI, FDA, CDSCO).



THE PROGRAMME

In view of the growing opportunities in Clinical Data Management, Pharmacovigilance, Medical Writing, and Coding, professionals like biotechnologists, biostatisticians, bioinformaticians, and software developers have immense potential to shape these fields.

To address this need, the Department of Biotechnology, Sir M. Visvesvaraya Institute of Technology, in association with the Bangalore Clinical Research Institute, is organizing a 3-day hands-on workshop on "Clinical Research and Career Opportunities" from 18th to 20th November 2025 at the Sir MVIT campus. This intensive program aims to familiarize students with CDM, data analysis, and pharmacovigilance, encourage idea exchange, and inspire innovation and entrepreneurship—bridging the gap between academic learning and industry requirements while enhancing career readiness.



- To enable students to understand issues surrounding the risks and benefits of drug used in humans including the cause, manifestations and consequences of adverse drug effects (ADEs).
- To mould fresher candidates to become exceptional professionals in the arena of clinical research and pharmaco-vigilance.
- To equip them with the understanding of the regulatory perspectives on clinical research activities and give an insight into the functioning of pharmaco-vigilance and medical affairs teams and their dependency on data management.
- The programme is to create necessary awareness in Process and analyze data collected from the Clinical Trial (pharmaceuticals, biologics, or devices and Coordinate the receipt and processing of information for projects acquiring, storing, managing, communicating, sharing, retrieving, analyzing, and applying Clinical data, information and knowledge to (e.g., coding dictionaries). The workshop is set to enable the students to equip themselves for a better future in the IT/BT and Healthcare sectors.

ABOUT SIR M. VISVESVARAYA INSTITUTE OF TECHNOLOGY

Sir M. Visvesvaraya Institute of Technology (Sir MVIT) is an Institute of repute in the State of Karnataka, founded by Sri Krishnadevaraya Educational Trust in 1986. Sri Krishnadevaraya Educational Trust was founded in 1985 by a group of 19 philanthropists, mainly builders belonging to the Raju Kshatriya community with the sole objective of establishing educational institutions with all-round quality perspective.

Sir MVIT offers thirteen B.E. degree programs in Artificial Intelligence & Machine Learning, Biotechnology, Civil Engineering, Computer Science & Engineering, Computer Science & Engineering (Data Science), CSE (IoT & Cybersecurity including Blockchain Technology), Electronics & Communication Engineering, Electronics and Computer Engineering, Electrical & Electronics Engineering, Electronics & Telecommunication Engineering, Information Science & Engineering, Mechanical Engineering, Robotics & Artificial Intelligence.

Masters Programs in Master of Business Administration (MBA), Master of Computer Applications (MCA), M.Tech. in Mechanical Engineering (Computer Integrated Manufacturing), M.Tech. in Electronics and Communication Engineering (Electronics), M.Tech. in Biotechnology & Biochemical Engg., are also offered. The Institute is affiliated to Visvesvaraya Technological University and is approved by All India Council for Technical Education, New Delhi and is accredited by National Board of Accreditation, New Delhi and NAAC. **The institute is also certified by Scientific & Industrial Research Organizations (SIRO).**



DEPARTMENT OF BIOTECHNOLOGY SIR M.VIT

The Department of Biotechnology was started in the year 2002, as a 4year B.E. program with a humble intake of 30 students. Being the first institution under the Visvesvaraya Technology University (VTU) to perceive the requirement for an undergraduate technical program in Biotechnology, Sir MVIT played a pioneering roles in the formulation of the curriculum, starting with the preparation of draft syllabus, organization of seminars/conferences/workshops, initiating industry-institute interactions etc. Today, the department is entrenched with a talented group of faculties drawn from diverse fields such as, Bioinformatics, Plant biotechnology, Microbial biotechnology, Protein chemistry, Environmental Engineering, Bioprocess Chemical Engineering etc. Apart from bestowing quality training, the department has distinguished itself in the spheres of R & D activities too. The department obtained recognition as an R & D centre by VTU in 2006, and in 2011, an M. Tech Program in Biotechnology and Biochemical Engineering was started as well. Thus, it offers M. Tech., M. Sc (Engg.) by Research and Ph.D. programs. Over these 20 years, the department has steadily grown in terms of its facilities, academics, co-curricular and technology, extracurricular activities.



With a clear mission and vision, the Department of Biotechnology has moved forward in academia, securing a total of 26 University level ranks. Many of the graduates have completed / pursuing higher studies at various Universities in India and abroad like Indian Institute of Science, IITs, NIFTEM, VIT, Amity, Harvard medical school, NUS, North Carolina, Iowa, Warwick Nottingham, Exeter, Massey, Monash, Melbourne, Johns Hopkins, Texas, Georgetown, Georgia, Florida, Carnegie Mellon, Uppsala, Max Planck, Maddison, Utah, Louisiana, Wageningen, Hamburg, Ludwick, etc. Our alumni are working professionals at reputed organizations like IISc, IITs, NCBS, UAS, IIHR, US-FDA, National Cancer Institute, Quintiles, Biocon, Syngene, Monsanto/Bayer, AstraZeneca, Strand Life Sciences, Sami Labs, Cerner, Dell, Ernst & Young, Goldman Sachs, Infosys, Wipro, Cognizant, IBM, Biocon Bristol-Myers Squibb Research & Development Center (BBRC) to name a few. 18 of them have even started their own ventures as well, and become successful entrepreneurs. The R & D centre has 20 Research Scholars registered for their higher degrees at the department and 13 have successfully finished their assignments. MOUs with 7 organizations have been signed for collaborative research activities. Funded projects worth Rs. 2.9 Crores from various funding agencies like KHT-UK, DST, DBT, ICMR UGC, VTU, VGST, KSPCB, BMS-USA etc., have been executed. The faculty and students have been actively involved in Research projects in domains like Structural Biology, Bioinformatics, Environmental science, Herbal drugs, Microbiology, Fermentation technology, and Chemical Engineering. The faculty of the department has guided about 150+ UG/PG projects. The faculty and students have published over 117 Research Publications in various National/International Journals and presented over 95 posters at National/International Workshops. The highlight of the department is the establishment of an incubation centre, where our BE and M. Tech alumni have setup start-up ventures on the campus for facilitating the conversion of PoCs to Product development and Commercialization. DBT-BIG labs and BIRAC funded companies are executing projects worth Rs. 6.5 Crores at this centre. Over the years, the department has conducted over 9 National Conferences, 90 Student Development

ABOUT BCRI (BANGALORE CLINICAL RESEARCH INSTITUTE) (India's Leading Institute for Clinical Research & Medical Coding Training)

BCRI (Bangalore Clinical Research Institute) is a vibrant and a rapidly evolving firm providing Clinical Research Training and services over a decade. In order to achieve our mission, we are committed and responsible for clinical career-oriented learning is at the center of all we extend ourselves to achieve. We constantly improve the clinical learning experience and its relevance to those we serve through innovation, nimbleness and developing a path of student career security. Clinical training methods are governed by the degree of ethics, integrity, and responsibility, executed through transparency. We at BCRI have a never-ending approach to exceed expectations for quality and service in all that we do and shaping the career of our students is at the center of all we do. We value all our students and invest in their professional growth and development, and assist them in their career promoting path.



TOPICS COVERED (Tentative)

- Clinical data management
- Pharmacovigilance
- Over View on CDISC, SDTM, ADaM
- Programming Scenario in SAS
- Case studies...

HANDS-ON SESSION

The participants would be introduced to the clinical research by the overview of studies on CDM, Pharmacovigilance, SAS, CDISC, SDTM, ADaM etc. with case studies.

Participants are also requested to bring their own laptops for the workshop.

REGISTRATION

Registration Details

Registration should be done through the coordinators by payment of **Rs.300/- on or before 16th November 2025.**

- **Target Audience:** Interested students from 7th semester B.E. Biotechnology, are eligible to register for the workshop. A Maximum of 70 Students will be permitted on first come first serve basis.
- **Invited Lectures (9.30am-11.30am)** will be followed by **hands on sessions (12.00 noon-4.00pm).**
- **Students presentations** will be held on defined topics.
- **Best three presentations** would be awarded with **Certificates of Merit and Cash Prizes.**
- **Certificate of Participation** would be provided to all registered candidates.

Scan QR CODE
for registration



Registration Link-

<https://forms.gle/yBqpscXx5JNpRMWXA>

PROGRAM SCHEDULE



DAY/DATE	SESSION - I	SESSION - II 11.10 am-1.00 pm	SESSION - III 1.30 pm - 4.15 pm
18.11.2025 Tuesday	8.45 am -9.15 am REGISTRATION 9.30 am - 10.45 am INAUGURAL FUNCTION CHIEF GUESTS Mr. Ajay Sinha - Astra Zeneca, Bengaluru Ms. Vidhya Raju - Astra Zeneca, Bengaluru GUESTS OF HONORS Dr. Sreedhar Reddy P Mr. Pankaj Rana BCRI , Bengaluru	Insight Session on CRA/CRC	Hands on session on CRF Design and Development
19.11.2025 Wednesday	9.30 am -10.30 am Pharmacovigilance Introduction -by Ms. Mayuri	Adverse Drug Reactions (ADR) and Reporting Group discussion and identification of key safety issues in a case	Regulatory Frameworks Practical Session: How to Fill an ADR Reporting Form & Reporting to the PvPI
20.11.2025 Thursday	9.30 am -10.30 am Chief Guest Mr. Dinesh Reddy Head of Talent Acquisition- APAC at Hitachi Rail, Bengaluru	Clinical Research and Data Management -by Ms.Divya Prabha	Hands-on Experience EDC (Electronic Data Capture) VALEDICTORY

For more details contact ☎🌐

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