



# Clinical Research

## Course Brochure 2024

**Choose from 11 Programs offered**

**REGULAR | ON SITE | ONLINE | LMS | HYBRID**

# ABOUT ARI

ARI is the first and largest Site Management/Solutions Organization of the Apollo Hospitals Group, functional from the year 2000. With 22 established site offices Pan India , ARI has the rich experience of having conducted/coordinated over 1350+ clinical trials in the last 23 years. 80% of these are global, multi-centric trials, 10% domestic multi-centric and the remaining 10% are registries, academic studies and investigator Initiated Studies.

ARI has the track record of successfully completing 65+ batches of full/part time regular clinical research training programs and 20+ batches of online clinical research training program in 5 ARI locations from the year 2007 onwards. The unique in built feature of the course was the theory classes imparted in a power point presentation, followed by six months on-site hospital based internship in clinical research and project work. This made the candidates ready from very first day of joining the job. ARI harnesses the strength of the students in counselling them for a suitable job opportunity.

There has been outstanding feedback from the employers, other stakeholders and the alumni on the course conduct and placement opportunities. The online course content is vetted by the industry leaders and domain experts.

With the expertise and experience gained from the conduct of regular courses in clinical research, ARI ventured into starting on line courses from 2020 onwards and have completed 30+ batches of on line/LMS courses in the last 3 years. The various courses and programs run by ARI gives a clarity of the programs to be taught for the budding students who have a flair for research.

# FACULTY DIRECTORY

## **Dr. Jayanthi Swaminathan**

Director, ARI  
Clinical Operations  
26 years of experience

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## **Dr. Sunita K**

Course Faculty, New Delhi  
Pharmacovigilance  
19 years of experience

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## **Dr. Mary**

Course Faculty, Ahmedabad  
Quality & Accreditation  
18 years of experience

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## **Dr. Praveen Raj**

Course Faculty, Chennai  
Clinical Trial Operation  
7 years of experience

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## **Ms. Chandana Pal**

Course Faculty, Hyderabad  
QA QC  
21 years of experience

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## **Ms. Priyanka Kamdar**

Course Faculty, Hyderabad  
Ethics  
19 years of experience

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## **Dr. Anitha Rani. A**

Course Faculty, Chennai  
Clinical Data Management &  
Medical Writing  
14 years of experience.

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# FACULTY DIRECTORY

**Dr. Lakshmipathy Prabhu**

Site Head

ARI Chennai

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**Mr. Praveen Kumar**

Site Head

ARI Hyderabad

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**Mr. Debasish Das**

Site Incharge

Bhubaneshwar

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**Dr. Karabee**

Site Head

Kolkata

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**Dr. Sasidhar Manda**

Chief Scientific Officer

AHERF

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**Mr. Mohan**

Finance Head

ARI

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**Mr. Karthikeyan Shivaraman**

Site Head

ARI Chennai

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**Ms. Rinku Dahiya**

Site Head

ARI New Delhi

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**Mr. Radhakrishnan**

Site Incharge

Madurai

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**Mr. Ashok Reddy**

Site Head

Ahmedabad

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**Ms. Lakshmi Suresh**

HR Head & Admin

ARI

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**Dr. Anula Divyesh**

Scientific Officer

AHERF

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# COURSE DIRECTORY

## Online Interactive Program

- **Executive Program in Clinical Research (EPCR)**

Duration: 3 Months

Application Fee : Rs. 1000

Course Fee: Rs. 35,000/- + Taxes

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## Online Learning Management System (LMS) Program

- **Basic Course in Clinical Research (BCCR)**

Duration: 3 - 6 Months (Self paced)

Course Fee: Rs. 25,000/- + Taxes

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## Online LMS Specialization Executive Programs

- **Executive Program in Pharmacovigilance (EPPVG)**
- **Executive Program in Medical Writing (EPMW)**
- **Executive Program in Clinical Data Management (EPCDM)\***

Duration: 3 - 6 Months (Self paced)

Course Fee: Rs. 25,000/- + Taxes

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## On-Site Programs

- **Executive Program in Clinical Research Internship (EPCRI)**
- **Executive Program in Clinical Research Project (EPCRP)**

Duration: 3 Months

Application Fee: Rs. 1000

Course Fee: Rs. 40,000/- + Taxes

Note: Enrollments will be accepted only after completion of Online EPCR

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**\*Launching soon**

# COURSE DIRECTORY

## Diploma Programs

- **Professional Diploma in Clinical research (PDCR)**

Duration: 6 Months

Application Fee: Rs. 1000

Course Fee: Rs. 75,000/- + Taxes

- **Advanced Professional Diploma in Clinical Research (APDCR)**

Duration: 9 Months

Application Fee: Rs. 1000

Course Fee: Rs. 1,10,000/- + Taxes

- **Advanced Post Graduate Diploma in Clinical Research (APGDRCR)**

Duration: 12 Months

Application Fee: Rs. 1000

Course Fee: Rs. 1,30,000/- + Taxes

- **Advanced Post Graduate Diploma in Clinical Research Regular (APGDRCR-R) - Classroom Teaching**

Duration: 12 Months

Application Fee: Rs. 1000

Course Fee: Rs. 1,50,000/- + Taxes

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## ELIGIBILITY

Graduates and final year graduate students of Life Sciences, Medical Sciences, BDS, MBBS & Allied Health Sciences and Pharmaceutical Sciences.

# PROGRAM CURRICULUM

## Executive Program in Clinical Research (EPCR)

The online based “Executive Program in Clinical Research” (EPCR) is designed for post-graduates, graduates and final year undergraduate students in life sciences including medicine, dentistry pharmacy, physiotherapy and alternative system of medicine graduates and existing clinical research professionals to understand and widen their scope and horizon of knowledge in this domain. The sessions have lectures on topics directly associated with clinical research and also have group discussions to build a team spirit mandatory for better job satisfaction. The expert interactive sessions with stakeholders of high reputation has been planned to make the candidates understand the spirit of a clinical research professional from different perspectives. The course enriches the comprehension of the candidates and transforms them into a skilled clinical research professional.

The mode of learning is through online interactive session by experienced clinical research faculty with a duration of 3 months. This will enable the young research aspirants to get an overview of clinical research and enhance their knowledge and to be industry ready professionals.

## COURSE CONTENT

1. Introduction to Clinical Research and Drug Development
2. Ethical guidelines and regulations
3. Study documents and development
4. Clinical Trial Management and quality assurance
5. Clinical Trial Finance
6. Research Methodology and
7. Bio statistics
8. Clinical Data Management
9. Pharmacovigilance
10. Medical Writing

# Basic Course in Clinical Research (BCCR)

The online LMS based “Basic Course in Clinical Research” (BCCR) is designed for post-graduates, graduates and final year undergraduate students in life sciences including medicine, dentistry pharmacy, physiotherapy and alternative system of medicine graduates and existing clinical research professionals to understand and widen their scope and horizon of knowledge in this domain. The sessions have lectures on topics directly associated with clinical research and also have group discussions to build a team spirit mandatory for better job satisfaction. The expert interactive sessions with stakeholders of high repute has been planned to make the candidates understand the spirit of a clinical research professional from different perspectives. The course enriches the comprehension of the candidates and transforms them into a skilled clinical research professional.

The mode of learning is through LMS with a flexible duration of 3 – 6 months. This will enable the working professionals to enhance their knowledge in clinical research.

## **COURSE CONTENT**

1. Introduction to Clinical Research and Drug Development
2. Ethical guidelines and regulations
3. Study documents and development
4. Clinical Trial Management and quality assurance
5. Clinical Trial Finance
6. Research Methodology and
7. Bio statistics
8. Clinical Data Management
9. Pharmacovigilance
10. Medical Writing



# Executive Program in Pharmacovigilance (EPPVG)

Executive Program in Pharmacovigilance is a comprehensive course offering the candidate relevant knowledge information about the modalities, methodology used, techniques of quality control during drug development precisely with the focus on Pharmacovigilance.

ARI, the research division of Apollo Hospitals Group with the vast experience of successful completion of Pharmacovigilance and Clinical research courses over the past 14 years, is instrumental in aiding the industry towards the requirement of skilled Researchers. ARI now offers online based virtual Executive Program in Pharmacovigilance designed for working professionals/post-graduates/graduates and final year life science students including medics and paramedics to enrich their knowledge in pharmacovigilance practice.

The mode of learning is through LMS with a flexible duration of 3 – 6 months. This enables the candidates to widen their scope in specialized niche areas of Pharmacovigilance.

## **COURSE CONTENT**

1. Overview of drug discovery & development
2. Introduction to PVG
3. PVG Terminologies (Glossary)
4. Regulatory guidelines & laws
5. PVG Methodology
6. Safety reporting process
7. PVG work flow & database
8. Introduction to PVG software

# Executive Program in Medical Writing (EPMW)

Medical Writing is a specialized area of clinical research which has garnered significance in the last two decades. Medical writing comprises developing clinical and scientific documentation in a standard, comprehensive and reliable manner. For those who have a flair for writing with scientific background, it is a creative and rewarding career option. Medical writing involves writing manuscripts and regulatory writing which are essential in clinical trials and also in the pharma industry.

The two major domains where the medical writers are in demand includes regulatory writing and medico marketing writing. A medical writer's primary responsibility is to create well-written communicable documents and manuscripts in compliance with regulatory standards. Executive Program in Medical Writing is a comprehensive course offering the candidate with insights and the relevant knowledge on the requirement of Medical Writing, scientific acumen and accuracy, regulatory and medico marketing.

The mode of learning is through LMS with a flexible duration of 3 – 6 months. This enables the candidates to widen their opportunities in niche areas of Medical Writing.

## **COURSE CONTENT**

1. Overview of Medical Writing
2. Types of Medical Writing
3. Medical Writing Norms
4. Regulatory Writing
5. Medico Marketing
6. Scientific Writing
7. Plagiarism and Ethics in Medical Writing

# Executive Program in Clinical Data Management (EPCDM)

Executive Program in CDM is a comprehensive course offering candidate with knowledge on the clinical data management processes and tools. CDM is a critical phase in clinical research, which leads to generation of high – quality, reliable and statistically sound data from the clinical trial. The candidates are taught essential concepts and practical methods of planning, supporting, collecting, cleaning, compiling, analyzing, disseminating and archival of data.

ARI, with the vast experience of successful completion of Clinical research courses covering CDM over the past 14 years, is instrumental in aiding the industry towards the requirement of skilled Researchers.. ARI now offers virtual Executive Program in CDM designed for working professionals/post-graduates/graduates and final year life science students including medics and paramedics to enrich their knowledge and skill set in data management principles and practices to increase their job prospects and productivity.

The mode of learning is through LMS with a flexible duration of 3 – 6 months. This enables the candidates to widen their scope in specialized niche areas of Clinical Data Management.

## **COURSE CONTENT**

- 1.Introduction to Clinical Data Management
- 2.Basics of Clinical Data Management
- 3.Clinical Data Management Process
- 4.Clinical Data Management Standards
- 5.Clinical Data Management Systems
- 6.Introduction to Biostatistics
- 7.Training on EDC

# Executive Program in Clinical Research Internship (EPCRI)

ARI has initiated this stand-alone F2F internship program at many of its locations to provide hands-on training after a basic theoretical knowledge in clinical Research. It gives opportunity to the candidate to get a peek into live trial conduct and enables them to understand the practical domain in a better way.

“Not Documented is Not Done” is the Clinical research saying. Learning is incomplete without practicing.

In internship, it is the hands-on practice approach under the shadow of an experienced research team that helps the candidate develop right approach and learn the right attitude in taking research protocols forward as a team. Internship is a focused training in relevant aspects of clinical trial conduct from its initiation to completion, close out and beyond.

While at ARI, interns learn to manage the documents that get generated during the lifetime of a clinical trial, understand the importance of each one of them. They also learn and practise timeline compliance as is the need of this industry. With the established site offices at various ARI centres, the EPCRI done at the site gives exhaustive and in depth practical aspects to learn the clinical trial operations and to make the candidates industry ready to take up jobs.

## **COURSE CONTENT**

1. GCP revision
2. Current regulations - From Site and EC perspective
3. Pre-Trial activities
4. During trial activities
5. Post-Trial activities
6. Monitoring & audits

# Executive Program in Clinical Research Project (EPCRP)

EPCRP hand holds the students to designing and conducting a research proposal. It gives a practical exposure on the designing of the essential documents which includes the project specifying the target population, study design, Ethics Committee review process, screening and recruitment, data variables, data collection and final analysis for the report generation. In EPCRP, the candidate gets to design a protocol right from scratch, design tools for data collection, clean and analyze the data to compile the report.

EPCRP helps students to enhance their management skills, by leveraging their individual strength, trains them to handle a clinical trial process independently (under direct supervision) while ensuring ethical practices throughout. This helps the young clinical research professionals a sense of clinical trial operations and to manage a site office in a nutshell.

## **COURSE CONTENT**

1. Plan and identify research project
2. Preparation of study documents
3. Ethics Committee Review Process
4. Study Methodology & conduct of the study
5. Data collection, entry, compilation, cleaning
6. Data Analysis and preparation of TLG's
7. Clinical Study Report & Manuscript Preparation

# DIPLOMA PROGRAMS

The Diploma Programs in Clinical Research Course enables you to equip with gaining knowledge and skills required for making a fruitful career in various clinical research areas. The programs have been designed in such a way to compliment your basic qualification and also to help provide a basic platform to become a clinical research professional in pharmaceutical and biotechnology industry.

## Professional Diploma in Clinical Research (PDCR)

Clinical Research education and training is a continuous process to enhance the knowledge and skillset to gain thoroughness in clinical trial operations and clinical trial management. Leveraging the 23 years of experience in clinical research with over 320 years of the faculty's experience, ARI started a bridging diploma program - PDCR by combining Executive program in clinical research(EPCR) with any one course either from LMS or on site program. The candidates will go through the programs followed by assessments and evaluations. The PDCR certification will be provided only on completion of both the two executive programs. This program provides flexible duration for completion of the course which will be a boon to the working professionals. Students can avail the option of choosing specialization as per their interest.

## COURSE DETAILS

EPCR + any one of the following courses

- EPPVG (LMS)
- EPMW (LMS)
- EPCDM (LMS)
- EPCRI (On-Site)
- EPCR (On-Site)

# Advanced Professional Diploma in Clinical Research (APDCR)

Clinical Research education and training is a continuous process to enhance the knowledge and skillset to gain thoroughness in clinical trial operations and clinical trial management. Leveraging the 23 years of experience in clinical research with over 320 years of the faculty's experience, ARI started a bridging diploma program - APDCR by combining Executive program in clinical research(EPCR) with any two courses from the varied range of courses offered at ARI. The candidates will go through the programs followed by assessments and evaluations. The APDCR certification will be provided only on completion of all the three executive programs. This program provides flexible duration for completion of the course which will be a boon to the working professionals. Students can avail the option of choosing specialization (s) as per their interest.

## COURSE DETAILS

EPCR + any two of the following courses

- EPPVG (LMS)
- EPMW (LMS)
- EPCDM (LMS)
- EPCRI (On-Site)
- EPCRCP (On-Site)

# Advanced Post Graduate Diploma in Clinical Research (APGDCR)

Clinical research is important because it can lead to new discoveries and innovations that can improve health and quality of life for people around the world. Clinical research can also provide evidence-based information that can help health care providers and patients make informed decisions about their health care options.

Seeing the demand and supply gap in skilled Clinical Researchers, Apollo Research and Innovations (ARI), had started an Advanced Post Graduate Diploma in Clinical Research (APGDCR) in the year 2020. An APGDCR course is a one-year combination program that can help students gain more knowledge and skills in clinical research, and prepare them for research or clinical trial careers. It is a complete program exclusively intended to bridge a gap between the academics and industry for the healthcare and life science professionals looking to work in the forte of clinical trials

ARI has trained over 1000 clinical research aspirants for the past 17 years from its centre's located at Chennai, Ahmedabad, Delhi, and Hyderabad. The students are placed in leading global/domestic CROs and Pharmaceutical companies, KPOs, hospital sites, etc.,

There are many professions in various disciplines of clinical research such as Pharmacovigilance, Medical Writing, Clinical Data Management, that the students can pursue. If you are interested in pursuing our advanced postgraduate diploma course, please check the eligibility criteria, admission process, course structure, fee, and duration of the program. An APGDCR course can be a valuable addition to your academic profile and enhance your career prospects. Students can avail the option of choosing specialization (s) as per their interest

## COURSE DETAILS

EPCR + any three of the following courses

- EPPVG (LMS)
- EPMW (LMS)
- EPCDM (LMS)
- EPCRI (On-Site)
- EPCR (On-Site)



# Advanced Post Graduate Diploma in Clinical Research Regular (APGDCR-R)

Clinical research is important because it can lead to new discoveries and innovations that can improve health and quality of life for people around the world. Clinical research can also provide evidence-based information that can help health care providers and patients make informed decisions about their health care options.

Seeing the demand and supply gap in skilled Clinical Researchers, Apollo Research and Innovations (ARI), had started an Advanced Post Graduate Diploma in Clinical Research (APGDCR-R) in the year 2007. An APGDCR course is a full-time one-year program that can help students gain more knowledge and skills in clinical research, and prepare them for research or clinical trial careers. It is a complete program exclusively intended to bridge a gap between the academics and industry for the healthcare and life science professionals looking to work in the forte of clinical trials.

The program has a six months class room teaching by experienced clinical research faculty and the entire drug discovery to development, regulations, guidelines, ethics, operations, quality management, clinical trial budgeting and finance, monitoring, audits, data management and data analysis, medical writing, pharmacovigilance, etc. This is followed by the hospital based internship for six months to get practical exposure to a live clinical trial & mocks to ensure the candidates have real life experience before joining a career in clinical research.

There are many professions in various disciplines of clinical research such as Pharmacovigilance, Medical Writing, Clinical Data Management, that the students can pursue. If you are interested in pursuing our advanced postgraduate diploma course, please check the eligibility criteria, admission process, course structure, fee, and duration of the program. An APGDCR course can be a valuable addition to your academic profile and enhance your career prospects.

# Advanced Post Graduate Diploma in Clinical Research Regular (APGDCR-R)

## COURSE CONTENT

1. Introduction to CR
2. Drug Discovery & Development
3. Ethics in Clinical Research
4. Regulations in Clinical Research
5. GCP
6. Research Methodology & Statistics
7. Clinical Trial Process
8. Clinical Trial Documents
9. Quality Management in Clinical Research
10. Medical Writing
11. Clinical Trial Finance and Budgeting
12. Clinical Data Management
13. Pharmacovigilance
14. Personality Development
15. Spl Type of studies

Students will get the extended exposure of faculty from across Apollo Research and Innovations and experts from medical and devices Industry.

The quarterly workshops and training programs will keep the students well versed with the most recent developments happening in clinical research. This is a bi-annual program with intakes every January and July comprising of six months of class room teaching sessions followed by six months internship at clinical trial sites of Apollo Research and Innovations across Apollo Hospital centres Pan India.

# ARI CR COURSES HIGHLIGHTS



## GCP Training and Certification

ARI provides training sessions that cover the principles of Good Clinical Practice, the conduct of clinical trials, and the roles and responsibilities of various stakeholders involved in clinical research.



## Interactive Expert Talk

ARI Invites experienced professionals and subject matter experts from the clinical research industry to deliver lectures and presentations. These sessions help students understand the practical challenges and decision-making processes involved in clinical research.



## Placement Assistance

ARI offers students professional guidance and support to help them build successful careers by providing resume feedback, interview preparation and career counselling.



## Informative Webinar Sessions

ARI conducts frequent informative webinar session through which the participants learn about the latest trends, best practices, and key insights to enhance thier knowledge and skills in clinical research field

## ADMISSION PROCESS - Online/ On-Site/ Regular / Hybrid Programs

○	01	Fill the Application Form	Apply by filling a simple application form - <a href="https://www.apolloari.com/application-form.php">https://www.apolloari.com/application-form.php</a>
○	02	Get shortlisted	Candidates will be shortlisted based on application submitted
○	03	Pay and join the course	Acceptance letter will be rolled out to the selected few candidates. Secure your seat by paying the admission fee

## ADMISSION PROCESS - LMS PROGRAMS

○	01	Click the Link and Register	Apply here - <a href="https://apolloari.graphy.com/">https://apolloari.graphy.com/</a>
○	02	Select the course of choice	
○	03	Pay and join the course	Course availability after completion will be upto 6 months on LMS

# STUDENT REVIEWS

Ms. Ameetha Prabhu

**PDCR 2024**

The online classes were very beneficial and gave me a clear understanding about clinical trials, pharmacovigilance and clinical data management. I would highly recommend all students, who want to pursue their career in clinical research to join the program

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Ms. Thendral Arunkumar

**PDCR 2024**

The clinical research internship provided me with valuable insights and hands-on experience in various aspects of conducting trials. I gained practical knowledge in coordinating trials and I am thankful for the opportunity, which has undoubtedly contributed to my growth in the field of clinical research

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Ms. Aswathy M N

**APDCR 2024**

The APDCR program that I enrolled for offered a dynamic blend of theory and practice by engaging the students in workshops and seminars. This course provided invaluable knowledge and skills for professionals seeking to excel in the field

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Mr. Saveen Raj Sunkari

**PDCR 2024**

I have done my Professional diploma in clinical research from ARI. This program was extremely helpful for me to upskill my self in clinical research domain. I thank all my trainers and teachers. Thank you ARI.

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APOLLO RESEARCH & INNOVATIONS  
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