

## **‘Certificate Course in Clinical Research’**

**Program Title:** Certificate Course in Clinical Research

**Year of introduction:** 2012-13

**Introduction of course:** The institution offers ‘Certificate Course in Clinical Research’ program for final year B. Pharm students. To meet the growing demands of Pharma-industries of a skilled person, the institute is striving hard to develop the skills of students by giving them value added courses. Transferable skills are skills and abilities that are relevant and helpful for social and professional areas of life. Employers demand for employees who can demonstrate a good set of transferable skills. It is vital, therefore, to develop multi-dimensional insights of students such as teamwork, leadership, time management and communication skills to reveal their potential by demonstrating transferable and life skills.

With an insight of this, institute has started this certificate course since 2012-13 for final year B. Pharm students to get an in-depth knowledge about clinical research and develop transferable and life skills.

Clinical Research is gaining importance as a career and provides jobs for thousands of Pharma graduates. In last few years India has become a global hub for the Clinical Research & Research work particularly in the form of Clinical Trials, Clinical Data Management, Pharmacovigilance which are being outsourced to our country.

**Program Contents:** Contents of the program are as follows:

### **1. Introduction to Clinical Research**

Definition (CRA, CRC, CRO, SMO, Site Investigator, Sponsored, Phases of Clinical Research, Scope, Good Clinical Practice (ICH-GCP), Drug development process, Careers in Clinical Research, Site Selection, Investigator, selection subject recruitment.

### **2. Ethics in clinical Research**

Ethical theories and foundation, Ethics Principles, Informed Consent, Institutional review board.

### **3. Regulations in Clinical Research**

Evolution and History regulation in clinical Research, Regulatory set up – Indian, UK, European Union (EMA), ICH Region, Schedule Y, IND, NDA, ANDA Post drug approval, PMS, FDA audits

### **4. Clinical Research Documents**

Protocol, IFC, IB, CRF, SOP, BA/BE study report writing and publication

### **5. Clinical Research Management**

Clinical Data Management, Safety reporting and Pharmacovigilance, Audits and Inspections, Outsourcing

**Program Outcomes:** Students will be able to attain following knowledge and skills:

1. To foster an ambitious desire to work in Clinical Research
2. To update knowledge about clinical research area to understand ethical standards
3. To pursue a life-long career in Clinical Research for personal and professional growth for the betterment of society
4. To work effectively in a group or team to achieve goals, develop leadership and time management.
5. To improve listening, writing and verbal communication.

**Program Hours:** Certificate Course in Clinical Research is organized for final year B. Pharm students during January to March of each year.

**Contact us:**

1. Prof. Trupti Deshpande

**Telephone:** +91 7709184076

**Email:** truptideshpande06@gmail.com

2. Prof. Vrushali Kakad  
**Telephone:** +917742069815  
E mail: vrushalikakad@rediffmail.com



A sample certificate of 'Certificate Course in Clinical Research' Program

## **‘Journal Club Program’**

**Program Title:** Journal Club Program

**Year of introduction:** 2012-13

**Introduction of course:** Journal club is a group of individuals consist of students and teachers who meet regularly to critically evaluate recent articles published in high impact factor journals. Journal club is to educate graduate or professional students. Journal club is organized around a defined subject in research for post graduate students as a part of curriculum to help them keep up with the literature produced by others who work in their field. Industry emphasizes on creativity, innovation and skills of workforce to meet the global standards. A value added course ‘Journal Club Program’ imparting transferable and life skills has been introduced since 2012-13 to develop research attitude, thinking ability, group discussions, personality and soft skills of students, leadership, teamwork, communication skills and interview skills to reveal their potential.

**Program Contents:** Students are encouraged to make literature survey, collect a set of relevant publications and present power point presentation on any of the published research paper in high impact factor journals. Students deliver the presentations with 30 minutes time period. Based on the presentation, typically, each participant such as teachers and students can voice their view relating to several questions such as the appropriateness of the research design, suitability of drug and dosage form, the statistics applied and outcome of the research article.

**Program Outcomes:**

1. Journal club helps students to keep up with the literature produced by others who work in their field and inculcate research attitude in them.
2. This program helps students to become more familiar with the advanced literature of their field.
3. Journal club helps to improve the students' soft skills, debating current topics of active interest and thorough understanding of published research articles.

**Program Hours:** Journal club is organized on Saturdays of each month to inculcate research attitude in M. Pharm students.

**Contact us:** Dr. Ashlesha Pandit

**Telephone:** +91 9822061364, **Email:** [panditashleshap@rediffmail.com](mailto:panditashleshap@rediffmail.com)



A sample certificate of ‘Journal Club Program’

## **‘Certificate course in Personality and Soft Skill Development’**

**Program Title:** ‘Certificate course in Personality and Soft Skill Development’

**Year of introduction:** 2015-16

**Introduction of course:** The institution offers ‘**Certificate course in Personality and Soft Skill Development**’ for final year B. Pharm and final year M. Pharm students. There has been robust growth in Pharma sectors and to sustain the growth, employee with a good set of technical and soft skills is preferred. Industry emphasizes on creativity, innovation and skills of workforce to meet the global standards. Productive team with enhanced competencies is required which cultivates strong rapport. Taking into consideration current needs, institute continuously strives hard to develop the students with dynamic personality and soft skills. A value added course imparting transferable and life skills has been introduced since 2015-16 to develop dynamic personality and soft skill of students such as leadership, teamwork, communication skills and interview skills to reveal their potential.

**Program Contents:** Contents of the program are as follows:

<b>Course</b>	<b>Contents of program</b>
<b>‘Certificate course in Personality Soft Skill Development Program’</b>	1. Need of Personality Development
	2. Habits of successful people
	3. Confidence building
	4. Communication Skills
	5. Listening skills –for effective communication
	6. Importance of Attire
	7. Optimistic Attitude
	8. Body Language
	9. Leadership qualities
	10. Physical Fitness
	11. Influence of Behavior and Etiquette
	12. Self discipline
	13. Interpersonal Relationship at work place
	14. Public speaking
	15. Voice Modulation
	16. Introduction of soft skill
	17. Problem solving
	18. Time management
	19. Social Skills
	20. Team building
	21. Emotional Intelligence
	22. Moral Values
	23. Identifying Strength & weaknesses
	24. Creativity and Out of Box thinking
	25. Decision Making and Stress Management
	26. Group discussion
	27. Motivation and Achieving Excellence
	28. Goal Setting
	29. Interview Skills
	30. Resume writing, E-mail writing, Report writing
	31. Telephonic Conversation

**Program Outcomes:** The students will be able to

1. Develop self confidence, effectively communicate and build a good interpersonal skills in a team
2. Build a strong conceptual and practical framework at workplace
3. Develop all round personality with dynamic outlook
4. Work effectively in a group or team to achieve goals, develop leadership and time management.
5. Effectively take part in selection procedures adopted by recruiters.

**Program Hours:** This course is organized for final year B. Pharm and final year M. Pharm students during four days of each year for minimum 30 hours.

**Contact us:**

Prof. Anil Tankar , Training and Placement Incharge

**Telephone:** +91 9822729314, **Email:** anil.tankar@gmail.com



A sample certificate of 'Certificate course in Personality and Soft Skill Development'