



**INSTITUTE OF HEALTH CARE MANAGEMENT AND DEVELOPMENT,
PESHAWAR**

IN

**COLLABORATION WITH HEALTH SERVICES ACADEMY ISLAMABAD (DEGREE
AWARDING INSTITUTE, GOVERNMENT OF PAKISTAN)**

Certificate in Health Research

PROGRAM DETAILS

- The Postgraduate Certificate is normally completed between 06 Months. It consists of two Contact Sessions assessed taught modules and includes thorough introductions to the principles of evidence-based practice in health, and to study design and research methods.

COURSE AIMS

At the end of the course students will be able to:

- demonstrate a knowledge of the principles, methods and techniques appropriate for solving evidence-based health care/health-research problems and be able to translate (through a critical comprehension of the relative advantages and disadvantages) that understanding into good clinical practice
- demonstrate a range of research skills enabling them to complete research successfully, either as part of a research team or as an individual

PROGRAM LEARNING OUTCOME (PLO)



This program is designed to be taken by Academic Clinical Fellows alongside work commitments, the Health Research program exists in order to enable students to:

- develop skills of research, design and data analysis in both qualitative and quantitative research
- critically evaluate health research
- identify, critically appraise and incorporate the results of medical and social science research into the day-to-day decision-making of clinical, scientific and administrative practice
- apply the principles of evidence-based practice in health care settings
- plan how to implement the findings of research to improve health care
- use theories and principles underpinning clinical research to inform their own research practice.

Total duration and Format:

6 months (24 weeks, including contact sessions, assignments and comprehensive examination).

Credit Hours:

18 (4 credit hours for 04 Contact Sessions and 2 credit hours for assignments and presentation covered by from the participants.

(The certificate course has a total of four modules; each course has 4-credit hours. So the total CHR course has 18 credit hours.)

THE PROGRAM SPANS OVER SIX MONTHS.

IT IS DIVIDED INTO FOUR INDEPENDENT MODULES.

Table 1: Module I of the Certificate in Health Research

(1st Contact Session)

Course Code	Topics	Contents	Credit hours	Assessment
IHCMD/HS A/CHR-601	What is Research	<ul style="list-style-type: none"> • Introduction to Research and Health Research • Types of Research (Qualitative, quantitative) and • Research study designs (All study designs) 	4	
		<ul style="list-style-type: none"> • Basics of Epidemiology-Introduction, Basic terminologies, • Epidemiological measurement • 		
		<ul style="list-style-type: none"> • Proposal Writing-Steps in proposal writing, Contents, Title selection 		
		<ul style="list-style-type: none"> • Clinical Trial Management • Mixed Methods in Health Research 		

Table 2: Module II of the Certificate in Health Research

(2nd Contact Session)

Course Code	Topics	Contents	Credit hours	Assessment
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IHCMD/HSA/CHR-602	Introduction to Statistics for Health Care Research	<ul style="list-style-type: none"> • Systematic Reviews • Randomized Controlled Trials • Qualitative Research Methods 	4	<ul style="list-style-type: none"> • Continuous assessment/internal assessment (20%) • Presentations (30%) • Assignments (50%)
		<ul style="list-style-type: none"> • The Structure of Clinical Trials and Experimental Therapeutics • Biological Therapeutics 		

Table 3: Module III of the Certificate in Health Research

(3rd Contact Session)

Course Code	Topics	Contents	Credit hours	Assessment
IHCMD/HSA/CHR-603	Data Analysis	<ul style="list-style-type: none"> • SPSS, • Mendeley and • End Note use in Research-Data entry and hands on practice for data analysis and handling 	4	
		<ul style="list-style-type: none"> • Thesis writing- Contents and methodology for thesis writing 		

Table 4: Module IV of the Certificate in Health Research
(4th Contact Session)

Course Code	Topics	Contents	Credit hours	Assessment
IHCMD/HSA/CHR-604	Abstract writing + Practice on Data Entry and Analysis	<ul style="list-style-type: none"> • SPSS, • Mendeley and • End Note use in Research-Data entry (Practice) 	4	<ul style="list-style-type: none"> • Continuous assessment/internal assessment (20%) • Presentations (30%) • Assignments (50%)
		<ul style="list-style-type: none"> • Abstract writing 		

ELIGIBILITY CRITERIA

- MBBS/BDS or 16 years of education in Health & Allied Sciences Discipline like MBBS, BDS. Nursing, Physiotherapy, Pharmacy etc. Computer literacy in MS Office.

Program Fee: Rs 50,000/-

- **Address:** Institute of Health Care Management and Development, (Imperial Education System Building) Opposite Roots Millennium Schools System Gul abad, Phase-III Chowk Jamrud Road Peshawar.

For Further Detail Please contact.

Director / Program Coordinator

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