



***A Comprehensive Online Course for Research and Development Professionals in
the Water Sector***

Gender Mainstreaming in Water Research

COURSE OBJECTIVES

This short course aims to train research and development professionals in the water sector to design, carry out and report on water research in which gender considerations have been mainstreamed. This entails developing gender disaggregated data explored through questions that include women's concerns, gender disparities and aid in women-centered interventions to close gender gaps. Each participant is expected to acquire skills that include all the following steps in carrying out a good research study that leads to action on the ground:

- Developing research grid and indicators
- Quantitative Research methodology
- Qualitative Research methodology
- Development of research tools and guidelines
- Sampling, fieldwork and data collection
- Data compilation, processing and tabulation
- Data analysis and reporting

Participants will learn to use gender and participatory frameworks to inform the design and delivery of their research studies, such as:

- Women in Development/ Women and Development/Gender and Development
- Harvard Analytical Framework
- Participatory Rural Appraisal Framework
- Gender Web

COURSE PARTICIPANTS

This course is designed for post-graduate students, government staff, professionals, researchers, writers, and people working in industry, agriculture, private organizations, and NGOs that are already involved in research or would like to be involved in research relating to gender mainstreaming in water. Since this is a very hands-on course and participants will be required to carry out each successive step to completion, it is advisable for an organization to send at least two people so they can work on the research studies as a team. It is preferable to have gender balance in nominating participants from your respective organization.

FACULTY

Ms. Simi Kamal, Water Sector Specialist

Dr. Ambreen Fatima, Quantitative Research Specialist

Mr. Mansoor Raza, Qualitative Research Specialist

Ms. Zarreen Baqir, Agriculture & Natural Resource Management Specialist

Ms. Muneezeh Khan, Gender & Development Specialist

Ms. Shahida Parveen, Qualitative Data Specialist

Ms. Kausar Hashmi, Quantitative Data Specialist

COURSE DESCRIPTION:

The course will be divided into three parts.

- Part 1: Research designing - 4 days of classroom instruction – August 23-26, 2021
- Part 2: Data collection- 10 days to get data from the field – August 27- 5 September, 2021
- Part 3: Compilation and reporting- 3 days of classroom instruction – September 6-8, 2021

35 hours of online lectures in Part 1 and 3 of the short course (three sessions each day). Classes for Part 1 and Part 3 will be held in three time slots of 9:30-11:00 am, 11:30 am-1:00 pm and 3:00-5:00 pm on August 23-26 and September 6-8. Part 1 is 20 hours of teaching, Part 2 will not have any teaching hours and participants will be expected to be out in the field collecting data, and Part 3 will be 15 hours of teaching, followed by small group discussions and written assignments.

Participants will be required to work daily on their own unique research study. The idea is that they learn from their classroom teaching and immediately apply that learning to their own research studies.

Participants will be expected to work in small groups where two to four participants can work on the same study. They will be provided reading materials that they will have to keep up with during the workshop and we expect them to be doing these readings.

Trainers will be available for any questions on Friday, August 27 and Monday, August 30 between 10:00 am-12:00 pm for any questions participants may have.

DATES: 23 August – 8 September 2021

INVESTMENT: Rs. 50,000 per participant

REGISTRATION: <https://forms.gle/jThprizUKzbTntYJ8>

PAYMENT: Through online transfer to Habib Metro Bank, account title: Panjwani-Hisaar Water Institute-NEDUET, account number: 6-99-72-29313-714-178445 (you have to submit the deposit slip/receipt on the coordinator Ms. Kausar Hashmi's WhatsApp number 0333 3256370.

Kindly note, payment will have to be in advance.

COURSE COORDINATION

Coordinator: Ms. Kausar Hashmi, **Mobile:** 0333 3256370, **Email:** managerphwi@neduet.edu.pk

Co-Coordinator: Ms. Sameen Huda, **Mobile:** 0324 9450699, **Email:** sameen.huda@yahoo.com

Logistic Coordinator: Mr. Rabel Ahmed, **Mobile:** 0334 3386251, **Email:** rabelahmed@neduet.edu.pk

Website: <http://www.neduet.edu.pk> (visit latest events)

COURSE OUTLINE

| DAY | DATE | TOPIC |
|------------------------|------------------------|--|
| PART 1 | | |
| Day 1 | Monday, 23 August | <ul style="list-style-type: none"> • INTRODUCTION OF COURSE AND PARTICIPANTS • GENDER MAINSTREAMING IN WATER RESEARCH • PREVALENT GENDER FRAMEWORKS |
| Day 2 | Tuesday, 24 August | <ul style="list-style-type: none"> • INTRODUCTION TO RESEARCH GRID: RESEARCH QUESTIONS, INDICATORS AND SOURCES OF INFORMATION • QUANTITATIVE RESEARCH METHODOLOGY |
| Day 3 | Wednesday, 25 August | <ul style="list-style-type: none"> • DEVELOPING INSTRUMENTS FOR DATA COLLECTION • PRE-TESTING AND TRAINING OF ENUMERATORS • SAMPLING STRATEGY AND FRAMEWORK • FIELD PLAN AND CHECKING OF FORMS |
| Day 4 | Thursday, 26 August | <ul style="list-style-type: none"> • QUALITATIVE RESEARCH METHODOLOGY • DEVELOPING GUIDELINES • FIELD ETHICS AND PROTOCOLS • TRANSCRIBING AND CONTENT ANALYSIS |
| PART 2 | | |
| 10 Days (Field) | 27 August -5 September | <ul style="list-style-type: none"> • PARTICIPANTS TO CARRY OUT DATA COLLECTION USING PRIMARY AND SECONDARY SOURCES |
| PART 3 | | |
| Day 5 | Monday, 6 September | <ul style="list-style-type: none"> • SHARING OF FIELD EXPERIENCES BY PARTICIPANTS • DATA COMPILATION AND TABULATION SCHEME • PREPARATION OF TABLES BY PARTICIPANTS |
| Day 6 | Tuesday, 7 September | <ul style="list-style-type: none"> • RELEVANT RESEARCH SOFTWARES • ANALYZING AND DATA PROCESSING • GRAPHICS AND REPRESENTATION |
| Day 7 | Wednesday, 8 September | <ul style="list-style-type: none"> • REPORT WRITING • CLOSING SESSION |

LEAD TRAINERS

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| Simi Kamal, Water Sector Specialist | Mansoor Raza, Qualitative Research Specialist | Dr. Ambreen Fatima, Quantitative Research Specialist |

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| <u>CO-TRAINERS</u> | | | |
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| Zarreen Baqir, Agriculture & Natural Resource Management Specialist | Muneezeh Khan, Gender & Development Sector Specialist | Shahida Parveen, Qualitative Data Specialist | Kausar Hashmi, Quantitative Data Specialist |

FACULTY/TRAINERS

Ms. Simi Kamal, Lead Trainer

Ms. Simi Kamal is Advisor to the Panjwani-Hisaar Water Institute (PHWI) and its Executive Board Member. She is the Chairperson and CEO of Hisaar Foundation, and the founder of several other for-profit and non-profit organizations and networks, including the Universities for Network, and the Women and Water Network. She is on the Board of the International Water Management Institute (Sri Lanka) and served on Technical Advisory Committee on the Global Water Partnership (Sweden) for 9 years. She was the Chief of Party of Gender Equity Program for six years and until recently was the head of Programs at Pakistan Poverty Alleviation Fund (PPAF). Educated at the University of Cambridge, she has 37 years of experience in water sectors, environment, climate change, food security, inclusive development, poverty alleviation, women's empowerment and gender equality. She has been to 50 countries, is known globally for both her work in water sector and for women's rights and has led and been part of over 200 research studies. She has produced 50 plus training manuals, handbooks, modules and guidebooks on a range of topics, several in print in three languages (English, Urdu and Sindhi).

Mr. Mansoor Raza, Lead Trainer

Mr. Mansoor Raza has 30 years of experience in quantitative and qualitative research and development, trainings, story writing and translation (English to Urdu). Mr. Raza is a Ph.D. Scholar, and has a Masters in Urban and Regional Planning (MURP) from NEDUET and a Masters in Environmental Studies from University of Karachi. Mr. Raza is currently teaching courses on participatory development and field survey methods in the context of urban planning and infrastructure at the Department of Architecture and Planning, NED University. Mr. Raza has strong leadership in preparing strategic plans for social sector and in disaster management and in offering consultation and advice. He is deft at writing and editing research reports, developing concept notes, project proposals, budget monitoring and in depth qualitative analysis for enhancing the interests of the marginalized segments of the society. Mr. Raza has conducted numerous research project for national and international NGOs such as Karwan-e-Hayat, Community World Service Asia (formerly Church World Service Pakistan/Afghanistan), Imkaan Welfare Organization, Fair Wear International (Netherlands), IIED, Urban Resource Centre, National Organization of Working Women (NOW Communities), and Aurat Foundation.

Dr. Ambreen Fatima, Lead Trainer

Dr. Ambreen Fatima is a research economist/assistant professor at Applied Economics Research Center, University of Karachi since 2005. Dr. Fatima has a Ph.D. degree in Economics from University of Nottingham, UK and done M.A. and M.Phil in Economics from University of Karachi. Her thesis during Ph.D and M.Phil are entitled 'Economics of Child Labour' and 'Impact of Micro-credit on Women Empowerment'. Dr. Fatima has extensive experience in field based research, data sampling and research methods. Having cutting edge understanding in research software, she has hands on experience and course knowledge on econometrics and computer applications. Her research interest are in gender and development, rural development, agriculture economics, labour economics, micro-econometrics and social issues such as child labour and education. Dr. Fatima has worked on research project with international NGOs, funding agencies, government departments, and banks (USAID, IFPRI, IUCN, Asian Development Bank, JICA, World Bank, International Labour Organization-ILO, government of Sindh and Muslim Commercial Bank).

Ms. Zarreen Baqir, Co-Trainer

Ms. Zarreen Baqir has managed programs in several countries, including an Integrated Water Management Project in Morocco, and has organized an international workshop program in the Philippines for USAID mission staff, government counterparts, and for private sector representatives in the Asia and Near East region on innovative water and wastewater financing. As part of the Local Initiatives for Affordable Wastewater Treatment Project in the Philippines, she helped organize training workshops on social marketing for local governments. Educated at the London School of Economics and the School of Oriental and African Studies (University of London), Zarreen has supported numerous USAID projects in Pakistan, Egypt, Ethiopia, the Philippines, Haiti, Morocco, Jordan, Iraq, as well as Eastern Europe, Central Asia, East Africa and Southern Africa. Zarreen has a keen interest in women's empowerment and gender issues in the agriculture and natural resource management sector and has coordinated the Gender Working Group at Cultivating New Frontiers in Agriculture (CNFA). She has conducted grass-roots level research on women and natural resource management in the northern areas of Pakistan.

Ms. Muneezeh Khan, Co-Trainer

With more than 20 years of experience in the development sector, Ms. Muneezeh Saeed Khan has wide range of experience from policy to grass root level with core understanding of socio-economic, political and cultural fabric of Pakistan. She has more than 15 years of experience in designing and conducting field-based surveys, research, assessments and evaluations for donors like UN agencies, The World Bank, DFID, ADB, USAID, other national and international NGOs as well as Government departments. Led more than 50 assignments related to education, health & water sectors covering women & gender as cross cutting themes. As team leader /team member for several field-based studies, she undertook baseline surveys, quantitative & qualitative research, assessments & evaluations. This included developing study design tools/ M&E frameworks, data collection, focus group discussions (FGDs), in-depth interviews, concept testing, quantitative and qualitative data entry & compilation, content analysis & report writing.

Ms. Shahida Parveen, Co-Trainer

With an M.Phil degree in Psychology and Masters in Urdu literature from University of Peshawar, Ms. Shahida Parveen is a freelance consultant for research and training in social development areas. Having rich experience of over 25 years, previously worked for various organizations i.e., USAID-Gender Equity Program (GEP), Aurat Foundation, Raasta Development Consultants, Agha Khan Community Health Sciences Department, Orangi Pilot Project. She developed special expertise in dealing with high risk and vulnerable communities across Pakistan and has specialized skills in conducting in-depth interviews and focus group discussions. She has designed and conducted numerous workshops on gender, advocacy & behaviour change communication (BCC), community mobilization, project development & management, fund raising for social development, livelihoods, nutrition and reproductive health. She has also

developed several training modules, manuals, training material' and is author and co-author of several training reports and research studies. She is also a seasoned translator and translated many articles and books from English to Urdu.

Ms. Kausar Hashmi, Co-Trainer and Course Coordinator

Ms. Kausar Hashmi is Manager of Panjwani-Hisaar Water Institute (PHWI) NED University of Engineering and Technology. She is a geographer with a master's degree from University of Karachi. Ms. Hashmi has 18 years of work experience in conducting qualitative and quantitative data research on water, climate change, environment, gender, health/reproductive health, education, and children/youth issues. Ms. Hashmi has organized and delivered 40 plus workshops and training programs, as well as numerous orientation sessions and youth gatherings. She has organized and managed the Women and Water Network of Hisaar Foundation for several years and built leadership among its members.

Ms. Sameen Huda, Course Co-Coordinator

Ms. Sameen Huda is currently associated with Hisaar Foundation as the Research & Communication Associate. With a Bachelor of Science degree in Development studies from NED University of Engineering and Technology, Karachi Ms. Huda has been working with various NGOs and development consulting companies where she has been engaged in a number of social and environmental projects. She has conducted different workshops and training programs on SDGs awareness by USAID, FNF, and FESF. She has worked with government sectors on civic issues in Sindh, she was also involved in research and documentation of local government handbook by SHEHRI CBE.