ONE WEEK VIRTUAL FACULTY DEVELOPMENT PROGRAMME [FDP] ON RESEARCH METHODOLOGY AND STATISTICS

22nd - 29th June 2022

Inauguration
Prof. Dr. Sabu Thomas
Hon. Vice Chancellor
Mahatma Gandhi University, Kottayam

Organized By
School of Behavioural Sciences
Mahatma Gandhi University, Kottayam, Kerala, India

&
College Development Council
Mahatma Gandhi University, Kottayam, Kerala, India
MAHATMA GANDHI UNIVERSITY
Mahatma Gandhi University established on 2nd October 1983 is a premier educational institution that strives to fulfill the higher educational needs of the people of Central Kerala. From its inception, Mahatma Gandhi University has made immense strides in the fields of inter-disciplinary teaching and research in the areas of pure and applied sciences, social sciences and humanities. This University was accredited with A grade by National Assessment and Accreditation Council and 34th in NIRF ranking by MHRD, Government of India. Mahatma Gandhi University is ranked 139 among Asian Universities and won the prestigious Chancellors Award for the best University in the state for the years 2020, 2017 & 2015.

SCHOOL OF BEHAVIOURAL SCIENCES
School of Behavioural Sciences established in 1988 is a very unique institution engaged with teaching, research and extension in the field of disability rehabilitation and mental health. Department has a privilege of multidisciplinary faculty structure, diversity of academic and extension programmes. Academic programmes offered by the School are interdisciplinary in nature. School offers two Post Graduate programmes: M.A Social Work in Disability Studies and Action (RCI Recognised) and M. Sc Psychology. Research is undertaken by potential Ph.D and Post Doctoral scholars in the various aspects of Disability Rehabilitation, Psychology, Special Education, Mental Health, Behavioural Medicine, Rehabilitation Nursing and Interdisciplinary Research. Department of Indian Sign Language, Institute for Research in Learning Disabilities, Inter University Centre for Disability Studies and Vocational Rehabilitation Centre for Intellectually Challenged Adults are also functioning under its premise.

INVITATION FROM THE DESK OF ORGANIZING COMMITTEE
Dear Faculty Members,

It gives us immense pleasure to invite you to the ONE WEEK VIRTUAL FACULTY DEVELOPMENT PROGRAMME ON RESEARCH METHODOLOGY AND STATISTICS organized by School of Behavioural Sciences, Mahatma Gandhi University and College Development Council, Mahatma Gandhi University, Kottayam to be held on 22nd to 29th June 2022. The FDP programme will discuss various topics related to Research Methodology and Statistics helpful for faculty members for better application of it in academic and research activities. Your active participation and contributions will make this event successful. On behalf of organizing committee, we welcome you all to the FDP programme.

With regards,

Convener, FDP - 2022
Rajesh E
Assistant Professor
School of Behavioural Sciences
Mahatma Gandhi University

Organizing Secretary, FDP - 2022
Prof. Dr. Baburaj P. T.
Professor & HOD
School of Behavioural Sciences
& Director, College Development Council
Mahatma Gandhi University
## PROGRAMME SCHEDULE

10.00 A.M - 10.30 A.M  
**Inauguration:** Prof. Dr. Sabu Thomas  
(Hon. Vice-Chancellor, Mahatma Gandhi University)

### DAY - 1

<table>
<thead>
<tr>
<th>Date</th>
<th>Area</th>
<th>Time</th>
<th>Topic &amp; Sub Topic</th>
<th>Resource Persons</th>
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| 22/06/2022 | RESEARCH METHODOLOGY | 10.30 A.M - 1.00 P.M | TOPIC: BASICS OF RESEARCH  
SUBTOPIC: IDENTIFICATION OF PROBLEM, HYPOTHESIS AND SAMPLING | Dr. AJITH KUMAR C  
ASSISTANT PROFESSOR  
( STAGE III)  
SCHOOL OF EDUCATION  
IGNOU, NEW DELHI 110068 |
|            | STATISTICS         | 2.00 P.M - 5.00 P.M | TOPIC: ROLE OF STATISTICS IN RESEARCH  
SUBTOPIC: STATISTICS IN: STATEMENT OF PROBLEM, OBJECTIVES, SAMPLING, DEVELOPMENT OF TOOLS & TESTING OF HYPOTHESIS | Prof. Dr. PS. SUKUMARAN  
PROFESSOR & DEAN  
SCHOOL OF BEHAVIOURAL SCIENCES  
MAHATMA GANDHI UNIVERSITY |

### DAY - 2

<table>
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<th>Date</th>
<th>Area</th>
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| 23/06/2022 | RESEARCH METHODOLOGY | 10.00 A.M - 1.00 P.M | TOPIC: TOOLS FOR RESEARCH  
SUBTOPIC: TYPES, CONSTRUCTION AND STANDARDIZATION | Dr. AJITH KUMAR C  
ASSISTANT PROFESSOR  
( STAGE III)  
SCHOOL OF EDUCATION  
IGNOU, NEW DELHI 110068 |
|            | RESEARCH METHODOLOGY | 2.00 P.M - 3.30 P.M | TOPIC: RESEARCH PROPOSAL WRITING | Mr. AHAMMED MEKKODATHIL  
CLINICAL RESEARCH  
TRAUMA SURGERY  
DEPARTMENT  
HAMAD MEDICAL CORPORATION  
QATAR |
|            | MIXED METHOD RESEARCH | 3.30 P.M - 6.00 P.M | TOPIC: APPLYING MIXED METHODS APPROACHES TO ASSESSMENT AND RESEARCH  
SUBTOPIC: CONCEPTS OF MIXED METHODS RESEARCH WITH EXAMPLES | Dr. NATHAN ADAM BOUCHER  
ASSOCIATE RESEARCH PROFESSOR  
STANFORD  
SCHOOL OF PUBLIC POLICY  
DUKE UNIVERSITY, USA |
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<th>Area</th>
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| 24/06/2022 | QUALITATIVE     | 10:00 A.M. - 11:30 A.M. | TOPIC: ACTION RESEARCH : AN OVERVIEW                                             | Dr. JAYANTA CHOUDHURY  
HOD, DEPARTMENT OF RURAL STUDIES, TRIPURA UNIVERSITY, TRIPURA & FOUNDER GFSRD |
|            | RESEARCH        |                   |                                                                                   |                                                                                  |
|            |                 | 11:30 A.M. - 1:00 P.M. | TOPIC: QUALITATIVE RESEARCH METHODS  
SUBTOPIC: DATA CODING AND ANALYSIS USING ATLAS.TI | Dr. MANOJ JOSEPH  
ASSISTANT PROFESSOR  
SCHOOL OF RURAL DEVELOPMENT, TATA INSTITUTE OF SOCIAL SCIENCES  
TISS TULJAPUR CAMPUS  
MAHARASHTRA |
|            |                 | 2:00 P.M. - 5:00 P.M. | TOPIC: QUALITATIVE RESEARCH                                                      | Prof. Dr. EDVIN VAN TEIJLINGEN  
PROFESSOR  
FACULTY OF HEALTH & SOCIAL SCIENCES, BOURNEMOUTH UNIVERSITY, U.K |
| 25/06/2022 | QUALITATIVE     | 10:00 A.M. - 11:30 A.M. | TOPIC: INCLUSIVE RESEARCH APPROACH IN EDUCATIONAL STUDIES  
SUBTOPIC: USEFULNESS OF QUALITATIVE RESEARCH                                   | Dr. JOHNSON JAMENT  
RESEARCH AND EDUCATIONAL CONSULTANT  
SCHOOL OF GLOBAL STUDIES  
UNIVERSITY OF SUSSEX, UK |
|            | RESEARCH        |                   |                                                                                   |                                                                                  |
|            |                 | 11:30 A.M. - 1:00 P.M. | TOPIC: QUANTITATIVE RESEARCH                                                       | Dr. BRIJESH SATHIAN  
DEPUTY CHAIR FOR RESEARCH AND POST DOCTORAL SCIENTIST  
GERONITICS AND LONG TERM CARE DEPARTMENT,  
RUMAULAH HOSPITAL  
QATAR |
|            |                 | 2:00 P.M. - 5:00 P.M. | TOPIC: QUANTITATIVE RESEARCH                                                       | Dr. RUSSELL KABIR  
SENIOR LECTURER  
DEPARTMENT OF MEDICINE AND PUBLIC HEALTH  
ANGLIA RUSKIN UNIVERSITY  
UK |
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<td>27/06/2022</td>
<td>QUANTITATIVE RESEARCH</td>
<td>10.00 A.M. - 1.00 P.M.</td>
<td><strong>TOPIC:</strong> CAUSALITY AND CORRELATIONS IN SOCIAL SCIENCE WITH R</td>
<td>Dr. NIRAJ POUDYAL, PHD [VIRGINIA TECH, USA] ASSISTANT PROFESSOR [ECONOMETRICS] THE SCHOOL OF ARTS KATHMANDU UNIVERSITY P. B. NO. 62501, KATHMANDU HATIBAN, LALITPUR, NEPAL &amp; PRINCIPAL INVESTIGATOR DISABILITY RESEARCH CENTER</td>
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<td><strong>SUBTOPIC:</strong> 1) QUANTITATIVE RESEARCH IN SOCIAL SCIENCE: NATURE OF REALITY AND INQUIRY [45 MIN] 2) R SOFTWARE [45 MIN] 3) CAUSALITY AND CORRELATIONS IN SOCIAL SCIENCE: MEASURES OF ASSOCIATION [1 HOUR] 4) RANDOMIZED CONTROL TRIALS IN SOCIAL SCIENCE [45 MIN]</td>
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<td>MIXED METHOD RESEARCH</td>
<td>2.00 P.M. - 5.00 P.M.</td>
<td><strong>TOPIC:</strong> MIXED METHOD RESEARCH</td>
<td>Prof. Dr. PADAM SIMKHALA ASSOCIATE DEAN INTERNATIONAL AND PROFESSOR OF GLOBAL HEALTH SCHOOL OF HUMAN AND HEALTH SCIENCES UNIVERSITY OF HUDERSFIELD, UK</td>
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<td>28/06/2022</td>
<td>SOFTWARE TRAINING</td>
<td>10.00 A.M. - 1.00 P.M.</td>
<td><strong>TOPIC:</strong> STATISTICAL SOFTWARE TRAINING</td>
<td>Dr. MOHAMMED ASIM CLINICAL RESEARCH TRAUMA &amp; VASCULAR SURGERY DEPARTMENT OF SURGERY HAMAD MEDICAL CORPORATION QATAR</td>
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<td><strong>SUBTOPIC:</strong> SPSS</td>
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<td>REVIEW IN RESEARCH</td>
<td>2.00 P.M. - 3.30 P.M.</td>
<td><strong>TOPIC:</strong> INTRODUCTION TO SYSTEMATIC REVIEW AND META ANALYSIS FOR EVIDENCE BASED PRACTICE TOOL KIT</td>
<td>Prof. Dr. JAYADEVAN SREEDHARAN PROFESSOR OF EPIDEMIOLOGY COLLEGE OF MEDICINE GULF MEDICAL UNIVERSITY AJMAN, UAE</td>
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<td>ETHICS IN RESEARCH</td>
<td>3.30 P.M. - 5.00 P.M.</td>
<td><strong>TOPIC:</strong> RESEARCH PUBLICATION ETHICS</td>
<td>Mr. SAMEER BABU M ASSOCIATE PROFESSOR DEPARTMENT OF ADULT AND CONTINUING EDUCATION AND EXTENSION JAMIA MILLIA ISLAMIA CENTRAL UNIVERSITY</td>
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<td><strong>SUBTOPIC:</strong> I) DO'S AND DON'TS IN PUBLISHING II) STRUCTURING A MANUSCRIPT III) DRAFTING YOUR ABSTRACT IV) CITATION AND REFERENCES</td>
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| 29/06/2022 | APPS & SOFTWARE USEFUL FOR RESEARCH | 10:00 A.M - 1:00 P.M | TOPIC: ICTs FOR RESEARCH SUBTOPIC:  
1) ONLINE DATA COLLECTION TOOLS  
2) DATA ANALYSIS USING MS EXCEL | Dr. Ajith Kumar C  
ASSISTANT PROFESSOR  
(S T A G E III)  
SCHOOL OF EDUCATION  
IGNOU  
NEW DELHI 110068 |
|            | APPS & SOFTWARE USEFUL FOR RESEARCH | 2:00 PM - 5:00 P.M | TOPIC: TOOLS FOR RESEARCH COMMUNICATION SUBTOPIC:  
- ELECTRONIC INFORMATION SOURCES  
- REFERENCE MANAGEMENT SOFTWARE  
- JOURNAL SELECTION TOOLS  
- WRITING TOOLS  
- RESEARCHER PROFILE & VISIBILITY | Mrs. Savithry T K  
REFERENCE ASSISTANT  
SCHOOL OF BEHAVIOURAL SCIENCES  
MAHATMA GANDHI UNIVERSITY |

**PARTICIPANTS**

Faculty Members from Universities, Aided Colleges, Training & Professional Colleges from all disciplines can attend this event.

FDP registration fee shall be paid through Internet Banking /NEFT/RTGS. After payment of registration fee, registration form needs to fill and submit. Registration need to do only through the Google Form link given below.

[CLICK HERE](#)

**REGISTRATION FEE**

FDP Registration Fee: 1000 INR  
Account Name: CONVENER FDP-2022, SCHOOL OF BEHAVIOURAL SCIENCE  
Account Number: 41054389600  
IFSC: SBIN0070669  
SWIFT CODE: SBININBBT15  
BANK NAME: STATE BANK OF INDIA  
BRANCH: M.G. UNIVERSITY CAMPUS BRANCH  
BRANCH CODE: 70669

**CONTACT DETAILS:** Rajesh. E (Convener, FDP -2022)  
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Mahatma Gandhi University  
Kottayam-686560  
Mobile: 9895474642, 9526719084  
E-mail : convenerfdpsbsmgu2022@gmail.com