



Indian Institute of Teacher Education, Gandhinagar

(A State Public University established by Government of Gujarat)

&

Mahatma Gandhi Central University, Bihar

(Centre of Research, IITE & School of Education, MGCU)

Jointly Organize

One Week Online Orientation Programme

On



मयि श्रीः श्रयतां यथा

न हि ज्ञानेन सदृशं पवित्रमिह विद्यते



Patron

Dr. Harshad A. Patel

Vice-Chancellor,
IITE, Gandhinagar

Experimental Research

From 20th to 24th June 2022

Timing/s : 6:30 p.m. to 7:30 p.m.

7:45 p.m. to 8:45 p.m.

Mode : Online

RESOURCE PERSONS



Prof. Asheesh Srivastava

Head, Department of Educational Studies,
Dean, School of Education,
Mahatma Gandhi Central University, Bihar.

Topic: Research Methods: Concept and Types
Date: 20/06/2022 • Time: 6:30 p.m. to 7:30 p.m.



Prof. Satishprakash S. Shukla

Director, Centre of Research,
IITE, Gandhinagar.

Topic: Variables and hypotheses
Date: 20-06-2022 • Time: 7:45 p.m. to 8:45 p.m.

Topic: True experimental Design
Date: 22-06-2022 • Time: 6:30 p.m. to 7:30 p.m.

Topic: Pre Experimental Design
Date: 22-06-2022 • Time: 7:45 p.m. to 8:45 p.m.



Prof. D. N. Sansanwal

Former HOD and Dean,
SOE, DAVV, Indore.

**Topic: Definition, Principles and Types of Experimental Design,
Non-Equivalent Controlled Group Design**

Date: 21-06-2022 • Time: 6:30 p.m. to 7:30 p.m.

**Topic: Pre-Test – Post-Test Controlled Group Design;
Post Test only Controlled Group Design.**

Date: 21-06-2022 • Time: 7:45 p.m. to 8:45 p.m.



Prof. Nikme S C Momin

Department of Education,
North-Eastern Hill University
(Central University),
Tura Campus, Chasingre, Tura, Meghalaya.

Topic: Internal Validity of Experimental Design
Date: 23-06-2022 • Time: 6:30 p.m. to 7:30 p.m.



Dr. Yodida Bhutia

Associate Professor,
Department of Education,
Sikkim University (A Central University),
Tadong, Gangtok.

External Validity of Experimental Design
Date: 23-06-2022 • 7.45 p.m. to 8.45 p.m.



Prof. S. K. Tyagi

ICSSR Senior Fellow
Former Dean & Head
School of Education (IASE)
UGC Department of Special Assistance-I
Devi Ahilya Vishwavidyalaya, Indore.

Topic: Data Analysis Techniques in Experimental Research
Date: 24-06-2022 • Time: 6:30 p.m. to 7:30 p.m.



Prof. Megha M. Uplane

Head, Department of Education & Extension
Savitribai Phule Pune University' Pune,
(Formerly University of Pune)

Topic: Steps in Experimental Research
Date: 24-06-2022 • 7.45 p.m. to 8.45 p.m.



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Coordinators of the Online Session

Date & Time	Coordinators
Day 1: 20/06/2022 Session I: (6:30 p.m. to 7:30 p.m.)	Dr. Ritu Bakshi, Associate Professor, Department of Educational Studies, Central University of Jammu
Day 1: 20/06/2022 Session II: (7:45 p.m. to 8:45 p.m.)	Dr. Jyoti Raval, Head, Department of Testing and Evaluation, CoR, IITE, Gandhinagar
Day 2: 21/06/2022 Session III: (6:30 p.m. to 7:30 p.m.)	Dr. Sudhirkumar Tandel, Deputy Director, Centre of Research, IITE, Gandhinagar.
Day 2: 21/06/2022 Session IV: (7:45 p.m. to 8:45 p.m.)	Dr. Ashok Kumar Erigala, Assistant Professor, Department of Education, NEHU, Shillong.
Day 3: 22/06/2022 Session V: (6:30 p.m. to 7:30 p.m.)	Dr. Sweta Dvivedi, Assistant Professor, Department of Education, Mizoram University (A Central University), Aizawl.
Day 3: 22/06/2022 Session VI: (7:45 p.m. to 8:45 p.m.)	Ms. Sanjana Tirkey, Assistant Professor, St. Xavier's College of Education, Patna.
Day 4: 23/06/2022 Session VII: (6:30 p.m. to 7:30 p.m.)	Dr. Naziya Hasan, Assistant Professor, Department of Teacher Education, Manipur University (A Central University), Imphal.
Day 4: 23/06/2022 Session VIII: (7:45 p.m. to 8:45 p.m.)	Dr. Ismail Thamarasseri, Assistant Professor, School of Pedagogical Sciences, Mahatma Gandhi University, Kottayam, Kerala.
Day 5: 24/06/2022 Session IX: (6:30 p.m. to 7:30 p.m.)	Dr. Biswajit Behera, Assistant Professor, Department of Education Central University of Punjab.
Day 5: 24/06/2022 Session X: (7:45 p.m. to 8:45 p.m.)	Dr. Viral Bharatbhai Jadav, Associate Professor, IITE, Gandhinagar.

Organizing Secretary

Dr. Kadem Srinivas

Research Advisor (Facilitator)
Centre of Research,
Indian Institute of Teacher Education,
Gandhinagar.
934 678 2345

Dr. Pathloth Omkar

Assistant Professor
Department of Educational Studies,
School of Education,
Mahatma Gandhi Central University, Bihar.
9951513232 & 9618795186

Please call only for Technical support (Online Meeting):

Mr. Soma Vinay Kumar

Organizing Member

Mobile Number: 949 436 3744



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About the University (IITE, Gandhinagar)

This University was established in an era when the country was in search of alternatives to the current scenarios in Teacher Education. Keeping in this view honorable Chief Minister of Gujarat (Presently Prime Minister of India), Shree Narendra Modi envisioned the real scenario of teacher education globally. In contemporary times, education would not be just a UG/PG Degree but a holistic development of individuals. Looking at the dire need for an all-inclusive setup; the idea of to start new innovative and novel integrated degrees programmes was brought in 2010. It is an Indian ethos to sense the best from around the world and to inculcate them in prospective generations without any kind of discrimination.

Indian Institute of Teacher Education, Gandhinagar was the first in India to introduce the integrated innovative programmes in teacher education. The Justice Verma Committee also recommended reforms in teacher education in 2013 and even before that IITE introduced teacher education programmes inculcating those reforms under the vision of the then Hon'ble Chief Minister of Gujarat (Presently Prime Minister of India), Shree Narendra Modiji.

The basic purpose behind the establishment of the Indian Institute of Teacher Education is to promote teachers' holistic development with focusing on integral personality, wide vision of nationalism and internationalism, and to fulfill their role as exemplars, friends, philosophers, guides, scientists, psychologists, artists, technologists and above all as ideal communicators who can spread uplifting influence by the processes of awakening, inspiration, and enthusiasm, also to promote new trends of syntheses of the East and the West and to confer the status of a University.

The Vision of the University is to nurture teachers of tomorrow with the transformative knowledge of Indian tradition and usher in a new era of teacher education, focusing upon the integral development of teachers.

The Mission of University is to provide integrated courses in teacher education, marked and defined by value-education, global outlook, and interdisciplinary.

About Centre of Research (IITE, Gandhinagar)

The Indian Institute of Teacher Education has five centers among Centre of Research is one the Centre. Centre has a provision of offering a total of 25 fellowship i.e., 12 JRFs, 12 Senior Research Fellowships awarded to eminent educationist and National fellowships to the eminent educationist across the nation.

In order to enhance quality research and to motivate and attract the best brains in the Held of research, CoR at IITE is offering JRF equivalent to JRF offered by UGC and the candidates selected will be availing scholarship worth Rs.31, 000/ pm along with contingency of Rs.10000 after the successful completion of the course work which can be availed for a maximum period of three years. In order to inculcate and sustain zeal and passion towards research among the faculty members, CoR is offering 12 fellowships to eminent educationist of the rank of Associate Professor and Assistant Professor of the university.

The Centre is also looking forward to establish a Research Consortium wherein the researchers across the globe can interact on the same platform sharing their ideas, solving their queries, getting guidance from the galaxy of virtuoso. The aim is to establish a discourse among the galaxy of virtuoso so as to bring out quality research and aspire more and more scholars to excel in the Held and pave the way for research collaborations.

The Centre of Research has 3 Departments. They are 1. Department of Testing and Evaluation. 2. Department of SSIP. 3. Department of Research in Education, Languages, Sciences and Social Sciences

Facilities of Centre of Research are: Free access to the several e-journals and e- resources, Researchers' Forum, State of the art Educational Studio, Research Repository, MoU with other Universities and research centers, Availability of standard research tools, Data Analysis software (Qualitative as well as Quantitative), 12+1 Junior Research fellowship to the scholar, National Research Fellowship in Education, Publications and dissemination of high quality researches at state and national level, Awards and rewards to excellent researches at state and national level, Publication of research journals of national and international level, To collaborate with the agencies like MHRD, UGC, ICSSR, DST, NCERT, GCERT, IUCTEs, Schools of Education under PMMMNMTT Scheme etc. for the research projects and JRF and SRF facilities for the research scholars.

The Centre organizes seminars, conferences, workshops, symposium, summer and winter programmes across the year.

About Mahatma Gandhi Central University (MGCU)

Mahatma Gandhi Central University (MGCU) came into existence by an Act of Parliament, Central Universities (Amendment) Act 2014 (No. 35 of 2014). The University became functional on 3 rd February 2016. MGCU is situated in Motihari (Bankat), on National Highway 28.

MGCU is proving to be an excellent center of Higher Studies in both Basic, Applied and Technical educational fields. There are as many as total 04 Undergraduate; 22 Postgraduate; 19 M.Phil. and 20 Ph.D. Programmes of Study running under total 07 Schools and 20 teaching Department under them. This is one of the salient characteristics of the University which has attracted the enthusiastic learners from different parts of the country to seek admission here. Needless to reiterate, the well-experienced and competent Faculty of the University is the central basis for the academic excellence being sustained herein.

The location of the University in Motihari, Bihar does take us to the glorious historic year of 1917 when Mahatma Gandhi started his well-known SATYAGRAHA, the first ever anti-colonial struggle against the British. It is rightly said that Motihari made Mahatma Gandhi the BAPU, the premier MASS LEADER who henceforward revolutionized the whole India through miraculous mantras of Truth and Non-Violence. No wonder, MGCU is committed towards inculcating the spirit of SATYAGRAHA, TRUTH and NON-VIOLENCE among our learners towards rendering their invaluable services to the humanity.

Christened after Mahatma Gandhi, FATHER OF NATION, MGCU is one of the emerging public Central Universities of India. The Motto of the University is enshrined in the LOGO: legacy image. The very logo is an invocation of Vedic Chant meant for showering the prosperity of name, fame and riches upon all. This is the guiding principle behind the educational spirit of this University. All the Members of the University (both Teaching & Non- Teaching) work heart and soul towards enabling our students/ learners to achieve the all- round success and prosperity.

It is notable that MGCU is being galvanized under the visionary and dynamic leadership of our Hon'ble Vice-Chancellor, Prof Sanjeev Kumar Sharma. It's remarkable that our VC is a man of prodigious versatility, excellent academic vision and wonderful administrative acumen. Quite naturally, the all-round development and betterment as regards pedagogy, extra-curricular activities, administration, infrastructure, research, innovation are being harmoniously and steadily realized herein the ideal ambience of our University.

About Department of Educational Studies (MGCU)

The Department of Educational Studies under the School of Education came into existence on May, 2019. The Department is presently offering M.A. in Education, M.Phil. in Education and Ph.D. in Education from the academic year 2019-20. The genesis of Department of Educational Studies is new in the university and it has proposed to incorporate all elements of Discipline of Education.

About Online Orientation Programme

The various methods of educational research are commonly used in social science (especially educational) research are the Historical Method which focus on what existed in past? The Descriptive Method which focuses on what exist at present? The Experimental Research is deriving basic relationship among phenomena under controlled conditions. It establishes a systematic and logical association between manipulated factors and observed effects. The essential characteristics of Experimental Research are: Control, Manipulation, Observation and Replication. Keeping in this view, the Online Orientation Programme is systematically arranged the sequence of topic/s with eminent resource person across the country. The topics are: Research Methods: Concept and Types, Variables and hypotheses, Definition, Principles and Types of Experimental Design, Non-Equivalent Controlled Group Design, Pre-Test – Post-Test Controlled Group Design, Post Test only Controlled Group Design, True experimental Design Pre Experimental Design, Data Analysis Techniques in Experimental Research, and Steps of Experimental Research. The target group of online Orientation Programme is Research Scholars, Faculty Members and any other Research Community Members of Social Science Subjects (Main focus on Educational Research).



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Schedule of the Orientation Programme

Date	Topic/s	
	Session - 1 6.30 to 7.30 pm	Session - 2 7.45 to 8.45 pm
20-06-2022	Research Methods: Concept and Types Resource Person: Prof. Asheesh Srivastava Head, Department of Educational Studies, Dean, School of Education, Mahatma Gandhi Central University, Bihar	Variables and hypotheses Resource Person: Prof. Satishprakash S. Shukla Director, Centre of Research, IITE, Gandhinagar.
21-06-2022	Definition, Principles and Types of Experimental Design, Non-Equivalent Controlled Group Design Resource Person: Prof. D. N. Sansanwal Former HOD and Dean, SOE, DAVV, Indore.	Pre-Test – Post-Test Controlled Group Design, Post Test only Controlled Group Design. Resource Person: Prof. D. N. Sansanwal Former HOD and Dean, SOE, DAVV, Indore.
22-06-2022	True experimental Design Resource Person: Prof. Satishprakash S. Shukla Director, Centre of Research, IITE, Gandhinagar.	Pre Experimental Design. Resource Person: Prof. Satishprakash S. Shukla Director, Centre of Research, IITE, Gandhinagar.
23-06-2022	Internal Validity of Experimental Design. Resource Person: Prof. Nikme S. C. Momin Education Department, Tura Campus, North-Eastern Hill University, (A Central University), Tura.	External Validity of Experimental Design. Resource Person: Dr. Yodida Bhutia Head of the Department, Department of Education, Sikkim University (A Central University)
24-06-2022	Data Analysis Techniques in Experimental Research Resource Person: Dr. S. K. Tyagi Retired Professor, Dean and Head, School of Education, Devi Ahilya Vishwavidyalaya, Indore.	Steps in Experimental Research. Resource Person: Prof. Megha M. Uplane Head, Department of Education & Extension Savitribai Phule Pune University' Pune, (Formerly University of Pune)

Registration Fee : 500

Registration Link is : <https://forms.gle/4T5Ppj6Pe1663eJw9>

Note:

- Orientation Programme will be organized in online mode.
- Attendance in all online sessions is mandatory according to the schedule.
- Medium of Instruction will be English/Hindi.
- Online Link will be shared via e-mail or WhatsApp before the start of the session.
- E-certificate will be provided to participants only who have attended all sessions without fail and after successful submission of feedback form.
- Only limited participants will be allowed on first come first serve basis.
- The decision of the competent authority is final on any matter.
- Once registration fee paid and it will be not refunded under any circumstances.
- Participants have to save the payment transaction receipt or transaction number for future reference.
- The registration link is available till 17-06-2022 or till the expected number of participants gets their names registered. So, please don't wait till last date.
- Please complete your payment before submitting your registration (Google Form) and save screen shot or note down transaction number and further proceed for registration.
- Please note that the email id provided in the payment link will be match with email will be used in registration form. If you fail to use same email (registration and payment), your registration may not accepted.
- Registration Fee Payment (Rs. 500) Link (provided in Google Registration Form)