



WORKSHOP 1 REPORT

Implementation of Blended Learning in Mahatma Gandhi Central University, Bihar



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A special thanks to all the resource persons Dr. Pranita Gopal, Dr. Vaibhav Jadhav, Dr. Jayashree Shinde, Prof. E. Ramganes, and Dr. Thiyagu K, for their insightful, enriching and engaging hands-on training sessions and deliberations in the capacity building programme.

Mahatma Gandhi Central University

MAHATMA GANDHI CENTRAL UNIVERSITY (MGCU) is proving to be an excellent centre of higher studies in the field of basic, applied and technical Education. Needless to reiterate, the well-experienced and competent Faculty of the university is the central basis for the academic excellence being sustained herein. Christened after Mahatma Gandhi, FATHER OF NATION, MGCU is one of the emerging Public Central University in India. The Motto of the University is enshrined in the LOGO: “*मयि श्रीः श्रयतां यशः*” which 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 which renders the all-round success and prosperity.

School of Education

Sā Vidyā Yā Vimuktaye (सा विद्या या विमुक्तये) having this Sanskrit shloka in context, School of Education came into existence in May, 2019. Presently School of Education is offering M.A. in Education, M.Phil in Education and Ph.D in Education programme from the academic year 2019- 20 under Department of Educational Studies having academically rich and experienced faculty members. The School of Education attempts to bridge the gap between the curriculum & pedagogy, theory & practice and policy perspective between the school and higher education institutions and therefore it has a plan of expansion by opening different programmes on Teacher Education; Education Policy & Planning; Curriculum, Pedagogy & Assessment etc. In recent times, teacher education has been looked at as one of the most important areas of thrust, worldwide, with this awareness and recognizing the challenges and need of teacher education in the country, the School of Education aims at imparting latest & best teacher education and accordingly, the curriculum of all the proposed courses are

under formulation. We are aiming to make the School of Education as one of the destinations for teacher education in the country with fully equipped research facilities and pre-service & in-service teacher education programmes. The genesis of School of Education is new in the University and it has proposed to incorporate all elements of Discipline of Education.

Commonwealth Educational Media Centre for Asia (CEMCA) & School of Education, in collaboration with IQAC & Research and Development Cell, Mahatma Gandhi Central University, jointly organised this capacity building programmes that aim to empower teachers, research scholars of higher education in Mahatma Gandhi Central University Bihar to implement Blended Learning in their classroom.

Commonwealth Educational Media Centre for Asia (CEMCA)

The Commonwealth Educational Media Centre for Asia (CEMCA) (<http://cemca.org/>) serves as the regional educational media centre of Commonwealth of Learning (COL), Vancouver, Canada (<https://www.col.org/>) for Commonwealth Asia, established at New Delhi in 1994. CEMCA promotes the meaningful, relevant and appropriate use of media and technology to serve the educational and training needs leading to Sustainable Development through learning in Commonwealth member states of Asia. The Govt. of India by a Gazetted Notification, dated 10th February 2000, notified CEMCA as a diplomatic mission under provisions of the United Nations (Privileges and Immunities) Act, 1947. CEMCA works in eight Commonwealth countries of Asia: Bangladesh; Brunei; Darussalam, India, Maldives, Malaysia, Pakistan, Singapore and Sri Lanka.

CEMCA & MGCU Project

In the month of May 2021, University Grants Commission, India released its concept note on Blended mode of Teaching and Learning¹. This document was an outcome of the Public Notice by UGC², which permitted Higher Education Institutions to teach up to 40% of the syllabus through online mode and the remaining 60% through the offline mode. Ratifying the usage of online strategies and empowering teachers in higher education, to create a blend of an online and offline mode of course delivery, the UGC has acknowledged the need for and importance of using blended learning strategies in education. This project aims to empower teacher in higher Education from Bihar to implement Blended learning in their classrooms.

Objectives of the Project

- ✚ *To improve the knowledge and skills of teachers/academics in higher education to develop and offer Online/Blended Course.*
- ✚ *To enable the staff/faculty members to the process of planning, designing, developing and delivering online courses.*
- ✚ *To adopt Learning Management Systems (LMS) like Google Classroom & Moodle Platforms as an adjunct to face-to-face teaching and to teach in a full online or distance learning context.*
- ✚ *To find out the prospects and challenges of providing online/blended learning in the context of Higher Education Institutions in Bihar.*

¹ https://www.ugc.ac.in/pdfnews/6100340_Concept-Note-Blended-Mode-of-Teachingand-Learning.pdf

² UGC Public Notice # D.No.1-9/2020(CPP-II), 20 May 2021

To fulfill these objectives, first the pedagogy of the workshop which supports these objectives was identified. Basis on these objectives and underlying formwork of blended learning, interventions in the form capacity building programmes were planned.

Pedagogy of Capacity Building Programme

+ ICT tools in Teaching Learning:

Using Google Tools including use of YouTube Channel, Use of PPT, Creation of Audio and Video Contents, Creating Learner Centric Video Lectures

+ Introduction to LMS: Google Classroom/Moodle:

Using Google Classroom & Moodle LMS for Delivering Blended Learning Courses. Conducting Student Assessments through Google Classroom

+ Design & Development of Lessons for Blended Learning:

Concepts of Blended Learning; Preparing of Blended Learning Lesson plan; Developing contents for blended learning.

+ Open Educational Resources, and Techno-Pedagogy:

Understanding of OER: searching, using, creating; Open Licenses-Creative Commons; Understanding of techno pedagogy

+ Interactive Presentation Tools & e-Assessment Tools:

Interactive Presentation Tools, Use of Online Assessment tools etc

INAUGURAL SESSION

Prof. Sanjeev Kumar Sharma, Hon'ble Vice-Chancellor, Mahatma Gandhi Central University and Prof. Madhu Parhar, Director CEMCA, New Delhi, Prof. Manoj Dixit, Hon'ble Former Vice-Chancellor, Dr. Ram Manohar Lohia Vishwavidyalaya, Ayodhya; Prof. G. Gopal Reddy, Hon'ble Pro Vice Chancellor, MGPU, Motihari, East Champaran, Bihar inaugurated the workshop on "Implementation of Blended Learning in Mahatma Gandhi Central University, Bihar".



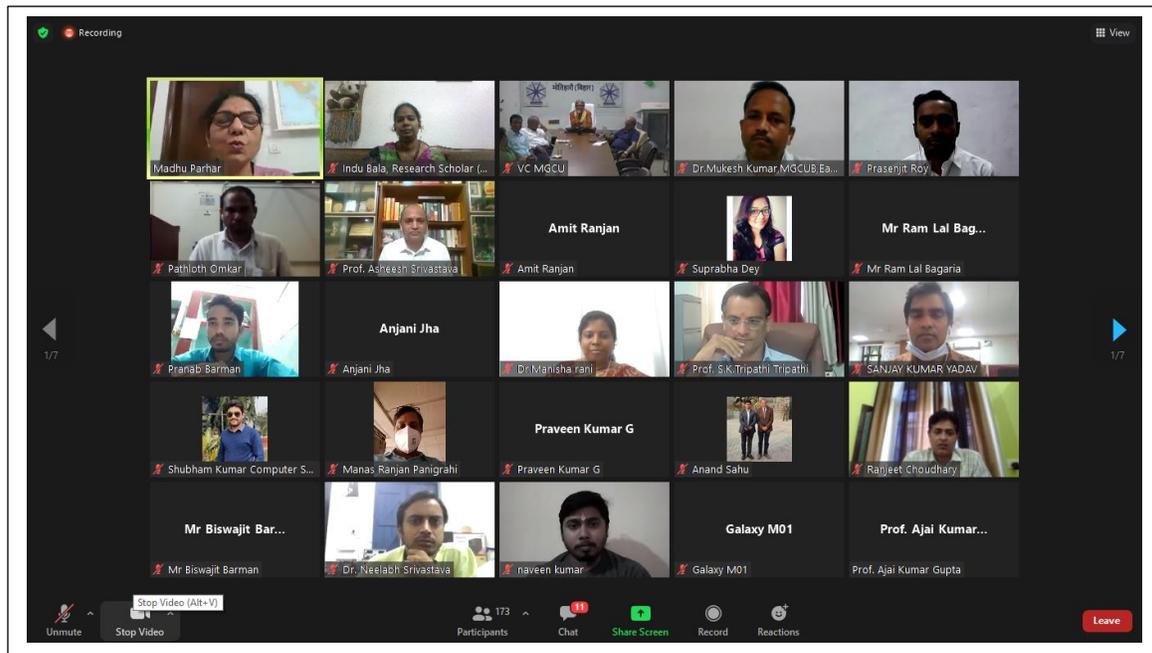
On October 8, 2021 the workshop begins with welcoming of everyone in brief by the coordinator of the day Dr. Manisha Rani, Assistant Professor, School of Education, MGCU, Motihari, Bihar, followed by Saraswati Vandana sung beautifully by Ms. Suprabha Dey, Doctoral Research Scholar, School of Education, MGCU, Motihari, Bihar. Dr. Mukesh Kumar, Associate Professor, School of Education, MGCU, Motihari, Bihar welcomed the guests. He said that covid-19 has led to increase in online teaching and has led the teachers to use and learn about online learning platforms and technology. He gave a brief background information related to the online-teaching and learning. And he welcomed each and everyone in the program and gave their brief introduction.

Prof. Asheesh Srivastava, Head & Dean, School of Education, MGCU, Motihari, East Champaran, Bihar showed his gratitude for being able to conduct this program by extending thanks to Hon'ble Vice Chancellor, MGCU, Motihari, East Champaran, Bihar- Prof. Sanjeev Kumar Sharma, Prof. Madhu Parhar, Director, Commonwealth Educational Media Centre for Asia, New Delhi, Prof. G. Gopal Reddy, Hon'ble Pro Vice Chancellor, MGCU, Motihari, East Champaran, Bihar, Prof. Rajeev Kumar, and everyone involved in the process. He mentioned "one of the prominent principles of NEP 2020 is extensive use of technology". And in this regard, he told about how MGCU is going to involve in it. He mentioned a few initiatives going to be taken by the Vice Chancellor of MGCU like- grooming of the educational institutes nearby in Motihari, enhancing teacher/Faculty competency of MGCU, and many more.

Prof. Madhu Parhar, Director, Commonwealth Educational Media Centre for Asia, New Delhi, firstly appreciated for the presence of more than 176 participants attending this program at such an unusual time of the evening, which shows the mass effect of the program organization. She said "there has been increased acceptance of online-teaching-learning after COVID-19". "And this program is all about how we create a blended learning design". She also foresaid that CEMCA is going to conduct a program on "How to enhance GER in Bihar" in few districts and know how students enrollment can be increased. At last she appreciated the organizers of the program and Vice Chancellor of MGCU.

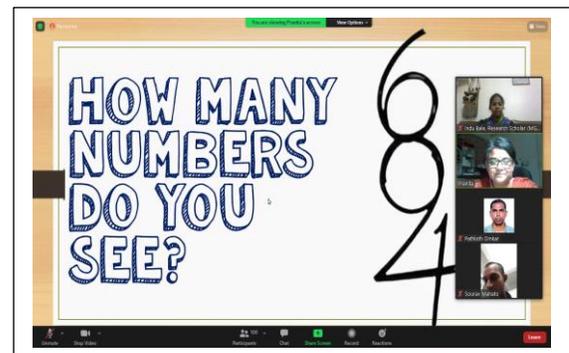
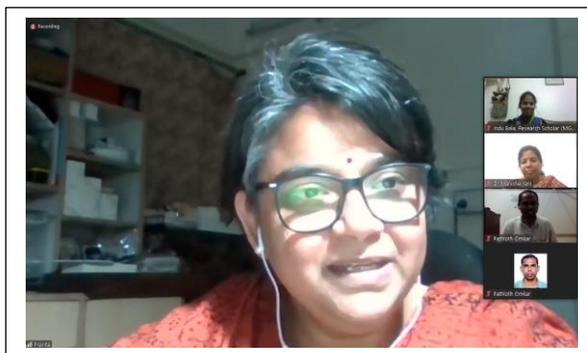
Prof. Santosh Kumar Tripathi, Professor & Dean, Research & Development Cell, MGCU, Motihari, Bihar was invited. He said that R&D was constructed in MGCU and since then many research articles has been published in reputed journals and publications like ELSEVIER. Many webinars, patents, etc has been conducted and contributed by the faculty of MGCU. In short, he told about the achievements of MGCU within a short span of 5 years of establishment of the university.

Due to network and technical glitches, Guest, Prof. Manoj Dixit, Hon'ble Former Vice-Chancellor, Dr. Ram Manohar Lohia Vishvavidyalaya, Ayodhya; Prof. Pranveer Singh, Professor & Coordinator of IQAC, MGCU, Motihari, East Champaran, Bihar; Prof. G. Gopal Reddy, Hon'ble Pro Vice Chancellor, MGCU, Motihari, East Champaran, Bihar; Prof. Sanjeev Kumar Sharma, Hon'ble Vice Chancellor, MGCU, Motihari, East Champaran, Bihar; were not able to present their views and the audience missed the opportunity to hear them. The project director of this program Dr. Pathloth Omkar, Assistant Professor, School of Education, MGCU, Motihari, Bihar, showed his gratitude for having this opportunity from CEMCA and extended his vote of thanks to everyone present in the program. The first session was concluded with the National Anthem coordinated by Mr. Prasenjit Roy, Doctoral Research Scholar, School of Education, MGCU, Motihari, Bihar.



Workshop – Session 1 - ICT tools in Teaching Learning

In this session, practical learning was performed by expert on- ‘ICT tools In Teaching Learning: Using Google Tools including use of YouTube Channel, Use of PPT, Creation of Audio and Video Contents, Creating Learner Centric Video Lectures’. This session was taught By Dr. Pranita Gopal Instructional Coach & Visiting Faculty School of Education, Ravenshaw University, Cuttack, Odisha.



Dr. Pathloth Omkar, Assistant Professor, School of Education, MCGU welcomed Dr. Pranita Gopal, Instructional Coach & Visiting Faculty, School of Education, Ravenshaw University, and introduced her to the guests and participants. She took her class on ICT tools in Teaching Learning: Using Google Tools including use of YouTube Channel, Use of PPT, Creation of Audio and Video Contents, Creating Learner Centric Video Lectures.

First she showed few numbers on screen and asked how many numbers the participants can see. The participants replied differently. Finally she explained that although in general the participants can see only 3 numbers, but through deep observation one can see 9 numbers in them, and like that if the students attain class and take that from multiple dimensions they can achieve the best learning. Then madam presented a puzzle image on screen and asked the participants to tell what they get from the image. The participants replied their understandings and finally madam explained that it was actually the image of Jorge Newton in illusion painting. She nicely explained that when we talk about ICT, it should be taken in holistic picture, by ICT neither should be influenced nor should be neglected.

She explained the significance of Oath as inculcating the ideas as responsibilities. For learning she asked to remember about own pace, learning goals and choosing the own learning path. She asked to keep in mind the copyright issues regarding using the ICTs. Then again she shared one image on screen and explained the meaning that happy teachers can make the students happy. She called the faculties to make the classes joyful, engaged and learner centric. She said that ‘agency of choice’ should be given to the learners. She explained it through example of the lesson of NEP 2020, and explained when different images will be appeared in the mind of learner about the issue; they should be given opportunity to express them.

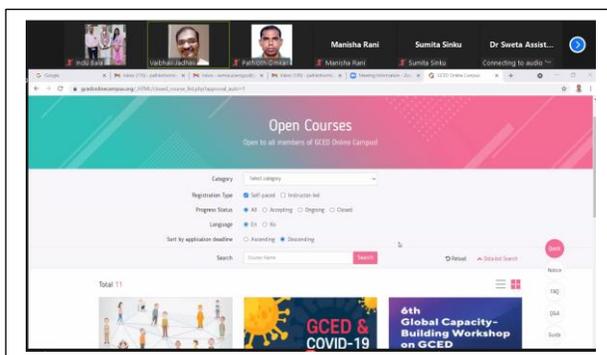
She explained the 12 abilities for the today’s students in 21st century for success in their career during information age. The learning Skills include creative thinking, creativity, collaboration and communication. The Literacy Skills include information, media and technology. The Life Skills include flexibility, leadership, initiative, productivity and social skills. About Assignments she talked to connect that with real world problem solving including the characteristics of adoptable change, transfer of knowledge, reflectivity, community outreach and impact, UN sustainable development goals, etc. She emphasized on peer evaluation strategy also. Then she explained on Google Docs on how can we use that collaboratively. She demonstrated that with the help of ‘See version history’ people can do that. Then she demonstrated how we can convert into pdf on Google Docs without any converter. Then she demonstrated the usage the add-ons on Goggle Docs. She also demonstrated how to use Google slides and can we add audio and videos on slides. He explained on hyperlink presentations also. Then she explained and demonstrated how to prepare

Google forms with different sections for multiple type of samples together. Then explained on google boards, google seats, I am board and notebook. She demonstrated Padlets in discussion mode. She explained on Flip grid tool to use for videos preparation. She explained on Edupuzzle to use question-answer session and to prepare active learning environment. She discussed on the role of presentation screen on learning outcomes. For effective slides she talked on clear and proper color combination, right front, etc. She explained that the background should be transparent, in slides all the texts should not be included, only few ideas will come from a single slide, animations and notes can be used easily, videos can be embedded. There can be video into video. The Open Short software can be used to create and beautify videos. Madam demonstrated how to create u-tube channels private and public. She explained how we can use them in Google Classroom. She suggested the participants to create short but quality videos on their lessons in local language and then open them to OER so that besides his/her own students other students can be benefited to clarify their lessons.

Finally she opined that the role of teacher cannot be replaced through ICT, they can be support only. One question from the participants that can the children be taught in blended mode and madam replied that yes, that can be done something, like children watch television and learns, in this way. At the end Dr. Mukesh Kumar, Associate Professor, School of Education, MGCU offered gratitude to Dr. Pranita Gopal in behalf of the Department for the information rich class. Then Dr. Pathloth Omkar, Assistant Professor, School of Education, MGCU also offered his gratitude to Dr. Pranita Gopal for her nice class and to the guests, to the participants for their active taking part in the programme.

Workshop – Session 2 - Introduction to LMS: Google Classroom/Moodle

On October 9, 2021 the session begins with welcome address by Prof. Asheesh Srivastava, Head & Dean, School of Education, MGCU welcomed the chief guest and expert instructor of the session, Dr. Vaibhav Jadhav, Assistant Professor, Department of Education & Extension, School of Education, Savitribai Phule Pune University. Then Dr. Manisha Rani, Assistant professor, School of Education, MGCU welcomed him once again as the programme coordinator of the session. Ms. Suprabha Dey, Doctoral Research Scholar, School of Education, MGCUB introduced him to the participants of the programme.



Dr. Vaibhav Jadhav started his class on MOOCs in relation to Blended Learning. He talked on different State initiative programmes on education system such as Sarva Siksha Abhiyana (SSA) (2000-2001), Rastriya Madhyamik Siksha Abhiyana (RMSA)

(2009), Rastriya Uchhatara Siksha Abhiyana (RUSA) (2013), etc. He said that as Abhiyan, SSA was launched first, then gradually RMSA and RUSA have been launched, and a lot of allocation of finance has been invested for them. National Mission on Education through ICT (NMEICT) (2009) has been launched also, but the earlier before COVID-19 Pandemic people were not such aware and careful on ICT, a number of hurdles were and are to implement the beautiful initiatives. Now, during COVID-19 Pandemic, people has become very close to ICT techniques, as well as government is investing funds for them, and that's why this is the golden opportunity to spread the ICT initiatives and blended mode initiatives in country.

Then respected sir demonstrated GCED online campus and called all the faculties and research scholars to join in MOOC Course/s either Open Courses or Registration Courses on the platform which can be helpful for them to enrich themselves. Then he talked on SWAYAM as the largest MOOC online platform in India and world where 40 million people have been enrolled. Then he demonstrated 'Teacher and Teaching in Higher Education', one MOOC refresher course on SWAYAM developed by Savitribai Phule Pune University Pune [By Prof.(Dr) Sanjeev A. Sonawane & Dr. Vaibhav Jadhav].

He explained how to construct a MOOC courses including the title, time, writing about the course, aims and objectives, learning outcomes, course layout, content, introduction, coordinator, instructor, module, mentor, assessment process and references. He said that we should be very careful to determine the assessment process either it should be MCQ or open ended question-answer. When we will want to transfer course into blended mode for 700-1000 students we need to redesign the course. Like it is difficult to develop student's engagement in the programme, and that's why if there is 10 teachers of the subject, the student teacher system developed into 10:10 during the teaching-learning process. And which topics should be taught in face to face and which topics on online that should be determined through discussion among the teachers. The blended procedure is not easy, but very difficult. Lessons should be shared in such a way that students should have more role. Time management is very important factor to construct such course. There should be flexibility. The mentor would to attract the interest of the students. The students should have autonomy. As experimental course can be launched. As example if the student stays in Jammu & Kashmir, s/he can study from there, contents/notes can be

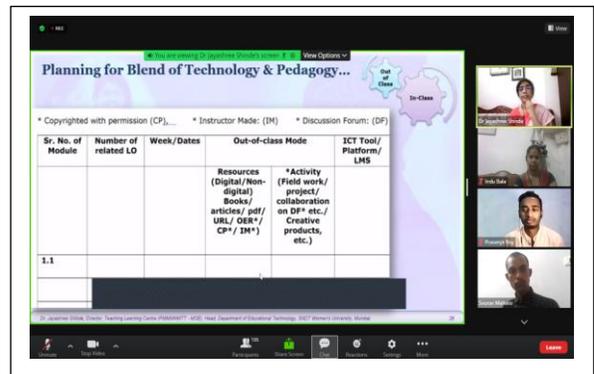
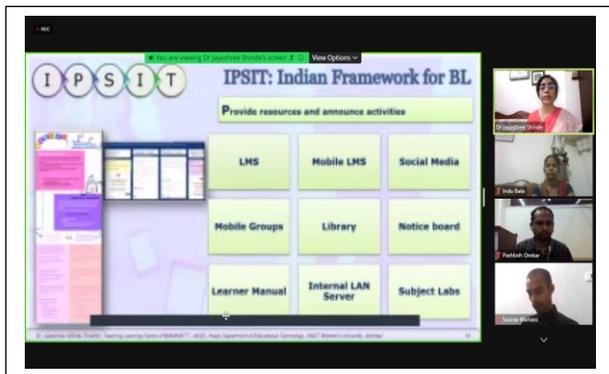
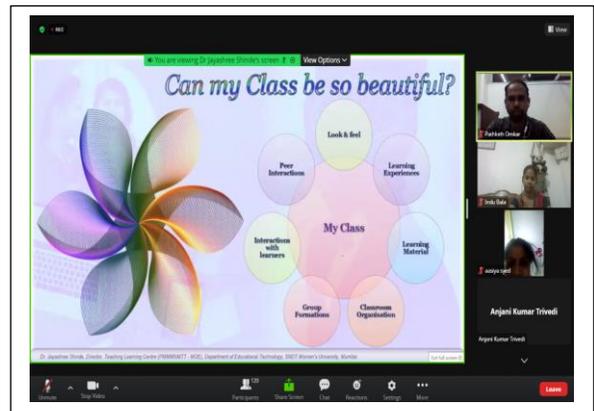
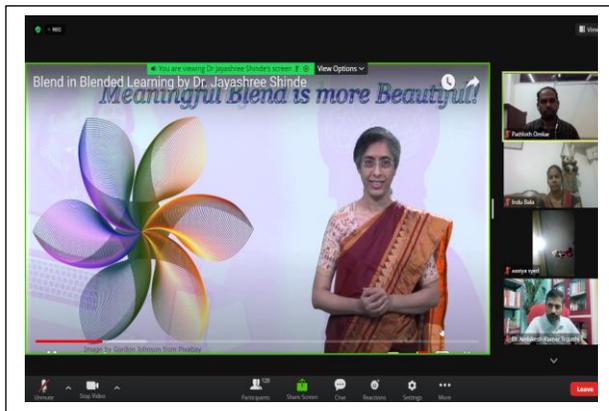
provided to him/her, for hands on experience s/he can come to campus, and discussion forum can be conducted on online/face to face.

The question was raised that now as COVID-19 Pandemic is going on that's why the blended mode can be applicable, but after the Pandemic when the condition will be normal and comfortable for face to face mode, that time will the programme/provision be necessary. Sir answered that yes in normal situation also the blended mode will work, because someone may stay in one tribal/backward area, and s/he may be unable to stay and study directly in campus, and then s/he can study in blended mode. We should take the mode in holistic way. At the end Mr. Prasenjit Roy, Doctoral Research Scholar, School of Education, MGCUB offered vote of thanks to the organizers, to the instructor of the session, and to all the participants.

Workshop – Session 3 - Design & Development of Lessons for Blended Learning

On October 10, 2021 the session begins with welcome address by Prof. Asheesh Srivastava, Head & Dean, School of Education, MGCU welcomed the chief guest and expert instructor of the session, Dr. Jayashree Shinde, Head, Department of Educational Technology, SNDT Women's University, Mumbai, Maharashtra. Then Dr. Manisha Rani, Assistant professor, School of Education, MGCU welcomed her once again as the programme coordinator of the session. Mr. Sourav Mahato, Doctoral Research Scholar, School of Education, MGCUB introduced her to the participants of the programme wonderfully. He introduced that Dr. Jayashree Shinde is currently heading the Department of Educational Technology, SNDT Women's University. She had headed the department for 11 years in the past. She is also the Director of Teaching Learning Centre established under Pandit Madan Mohan Malaviya National Mission for Teachers and Teaching (PMMMNTT) of Ministry of Education, India. Dr. Shinde was Standing Committee member of e-PG Pathshala, UGC and National Mission for ICT in Education (NMEICT) of the Government of India. She is currently on the Advisory

Committee of NCERT MOOC and Institutional Advisory Board (IAB) of Central Institute of Educational Technology (CIET-NCERT). Her expertise lies in ICT-based training, interactive material development, planning online courses, using constructivist instructional strategies, innovative assessments, etc. At the SNTWU since 2011, and through the Teaching Learning Centre since 2018, she has organized several faculty training programmes on ICTs in Higher Education, Flipped Learning, MOOCs, Moodle LMS and OER Development, etc. And in today's session she will take deal discussion on Design and Development of Lesson for Blended Learning.



She offered her gratitude to the organizers. She introduced the class explaining the term Blended. She started to share the screen and played her own video on Blended Learning, and in between she was explaining pausing the video. She demonstrated different coloured images and asked the participants which image was looking good, beautiful and attractive. First she had given options A or B. Most of the participants identified B. Second time she again gave the options A or B, and again most of the participants replied B. Third time she again gave options A or B, and somebody said A, somebody B. She explained that Blended means Collaborations, the image which is more collaborative is more looking beautiful, and the meaningful blended is more beautiful. Then she started to explain what can be one beautiful class. She explored that one beautiful class will include group formations, interaction with learners, peer interactions, look & feel, learning experiences, learning material and classroom organizations. And in blended which classes will be conducted face to face and which on online they depend on different factors and should be decided by the faculties. It is not always right that if we use technology the class will be effective. It should be more interaction, more interesting and more meaningful beyond traditional lecturing. We should integrate technology and pedagogy. It will include inside classroom as well as outside classroom, with or without internet connectivity. It will include more interaction, eye contact, discussion as possible, use of smartphones, audios, pdf, e-books, e-journals, web pages, newspapers, speaky notes, virtual world, brain storming, question-reply, etc. when need/possible. It may include online collaboration, group projects, visits, etc. It is use of variety of meaningful tools and techniques instead of one. In offline classes lecture can be minimized and peer group interaction can be utilized. The classes can be shared on online, and from home one can access them. Virtual lab can be utilized. Scaffolding and support system should be used to handle the mode. Formative and summative evaluation should be used also for assessment. The ultimate skill is creation, and that can be created through optimum utilization of blended learning. Concept map can be utilized.

She explained that blended learning is a teaching-learning approach to be used by the teachers. Blended learning is an approach in which a teacher thoughtfully plans how s/he can use variety of tools, techniques and resources face to face and online for optimum level of understanding of the students. Then madam had done group activities with the participants through the sharing of jam board. She asked the

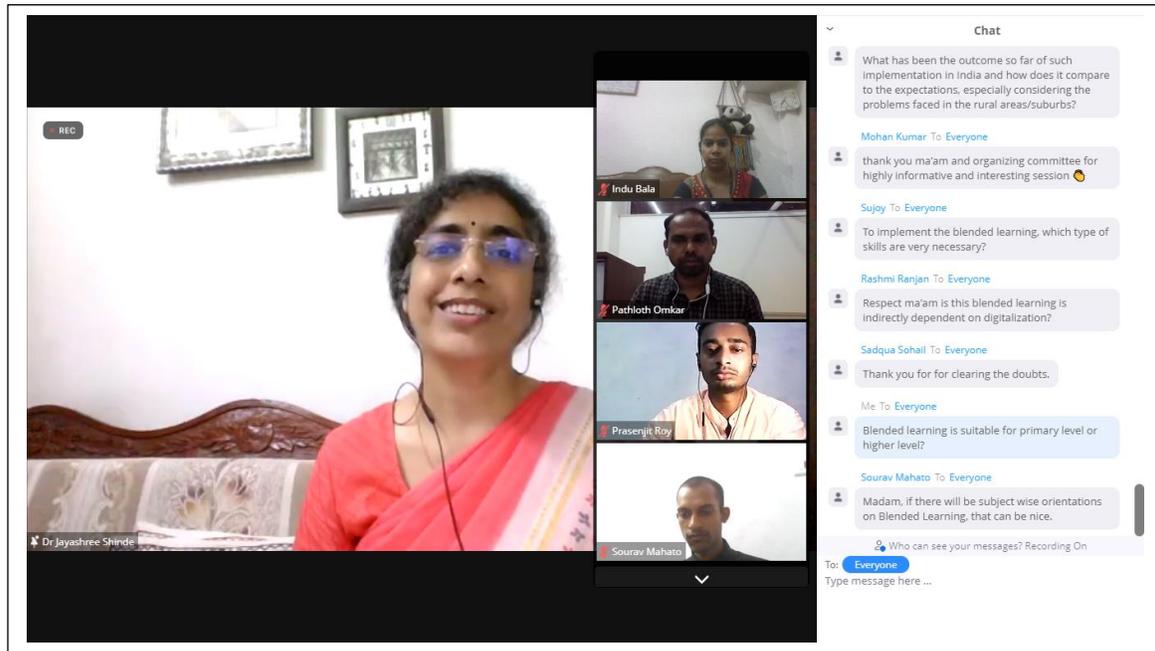
participants to identify different resources can be used for teaching-learning and to post them on jam board. And the participants were sending the different names of resources, and madam was differentiating among resources and non-resources on board. In that way madam identified OER, wikipage, you-tube, SWAYAM notes, web articles, e-books, journals, virtual lab, LMS, local depositories, NPTEL videos, etc. as resources. She eliminated few items which were not the resources.

Then she shared one another tab for participation of the workshop participants on jam board to post what can be the activities in classes. The participants identified different activities such as collaborative learning, storytelling, learning through games, discourse, field work, improvisation, lab work, role play, workshop, demonstration, brainstorming, quiz, précis writing, presentations, focus group discussion, seminar, essay writing, field visits, project, virtual excursions, experimentations, exhibitions, use of models, practical, concept mapping, mind mapping, etc. She separated few items from the activities such as TED, articles, CLS, community persons, community places, case study, infographic, maker spaces, etc. Madam discussed about few Learning Management System such as goggle classroom, Moodle, etc.

Then she discussed how the role of teachers in blended learning is. She said that teacher is facilitator here who can support and can provide scaffolding. She talked on resolving queries, analysis of content and guidance for new pedagogy. She asked participants to tale few types of different formative assessments, and the participants replied puzzles, teacher made test, assignments, project work, relevant gams, demonstration by students, probing questions, debate, group project, audio podcasts, elocutions, question-answer, etc. Then madam discussed on planning design for blended teaching-learning in one classroom including different factors and resources such as time, topic, content, outcomes, students, weightage, etc.

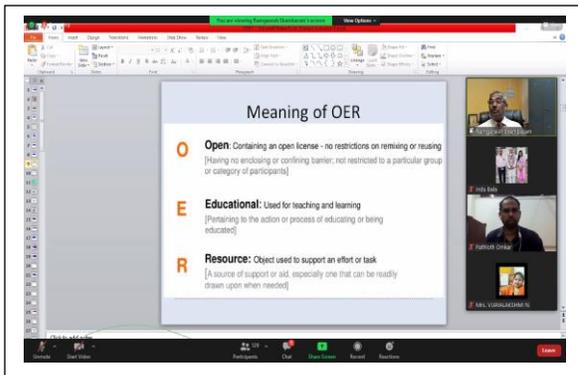
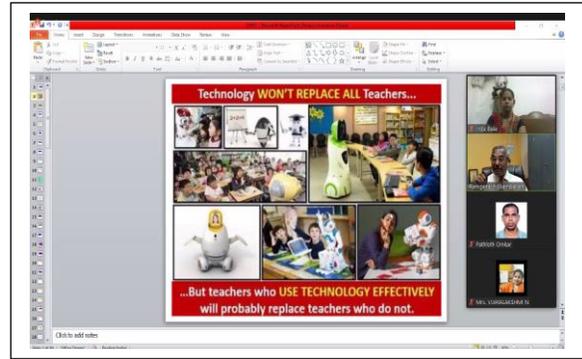
Finally there was question-answer session. One participant asked that what was andragogy, and madam answered that it actually the science to teach the adult students. One asked that which type of content can be delivered on online and which in offline. Madam answered that there is no certain rule on them that depends on the teacher, contents, students, etc. one asked why the name of the jam board becomes 'jam'. Madam replied that the creator has given the name. At the end of the programme Nabani Barman, Doctoral Research Scholar, School of Education, MGCU

offered vote of thanks to the organizers, to the instructor of the session, and to all the participants.



Workshop – Session 4 - OER, and Techno-Pedagogy

On October 11, 2021 the session begins with welcome address by Prof. Asheesh Srivastava, Head & Dean, School of Education, MGCU welcomed the chief guest and expert instructor of the session, Prof. E. Ramganes, the Director, Institute for Entrepreneurship and Career Development & DDU Kaushal Kendra, Bharathidasan University Tiruchirappalli, Tamil Nadu. Then Dr. Manisha Rani, Assistant professor, School of Education, MGCU welcomed him once again as the programme coordinator of the session. Mr. Prasenjit Roy, Doctoral Research Scholar, School of Education, MGCU introduced him to the participants of the programme wonderfully. Respected professor discussed on OER and Techno-Pedagogy including Understanding of OER: searching, using, creating; Open Licenses-Creative Commons; Understanding of Techno Pedagogy.



He started his presentation cum discussion session. He said that now the distance between Bihar and New York is zero kilometers only due to technology. Now there are two types of university – Break University and Click University. The Break University means the university having traditional campus, and the Click University means the university which offers different courses and programmes online. He discussed that which one is good, neither the Break University nor the Click University alone, we need to integrate them. Although we can be afraid of that technology can replace the teachers, but technology can't replace all the teachers. But the teacher who is not using technology can be replaced by the teacher who is using technology. He mentioned the words of John Dewey, “If we teach today’s students as we taught yesterday’s, we rob them of tomorrow”. He discussed on COIL (Collaborative Online Innovative Learning). He discussed on the key elements of a pedagogical design including learning needs, public target, learning objectives, content and the process on how to measure the outcome. He discussed on T-Pack including Content, Pedagogy and Technology. On discussing Technological Pedagogical Knowledge (TPK) he discussed on the need and necessity of constructivist approach and design thinking.

He mentioned that one picture equal to one thousand words. He also mentioned that according to psychology we learn 83% through visual, and 17% through others.

He talked on different open things including open access, open content, open course ware, open software, open education/e-learning and open educational resources. He said that now the students are very lucky for the open sources, and when he was student that time they were not available. He talked on Open Educational Resources (OER) which are available in public domain and which has intellectual property license that allows for free use, adaption and distribution. He talked on heuta-gogy, peera-gogy and cyber-gogy. He emphasized on co-learning and co-creating. He further explained that if one resource/e-resource has been created by someone in world, there is no need to creating again that wasting time and resource, better one new thing can be created using the time and resources.

He explained that blend means also bland of traditional and modern theories, knowledge and skills. In 21st century metacognition includes the bland of knowledge, skills and character. He emphasized on development and adaption of OER in a variety of languages and cultural contexts. He talked on different OER initiatives in India such as NDL (IIT Kharagpur – Free Access to Digital Content), NKN, Shodhganga, Shodhgangotri, EPrints@IISC, CEC, Project Ekalavya@IITB for Content Development, NPTEL, NROER, Project Oscar – IIT-B, Open Educational Resources for Schools – Homi Bhabha Center, NIOS-OER, TESS-India, KROER, etc. He discussed on the copyright of OER including Creative Commons Website, Creative Commons Licenses: commercial and non-commercial, OER/not OER, use/create, etc. He discussed on searching process of OER and MetaFinders. He discussed on MetaFinders including Marson's, Merlot's, OASIS and ORL. He talked on Open Access Library and Open Textbooks. He discussed on OER for Learning Outcomes, Open Course Ware (OCW), Open Course Library, WikiEducators, B Campus OpenEd, CCCOnline, Gratisography, Everystockphoto, OER Videos, Short Online Courses, Commonwealth of Learning, mind mapping, concept mapping, etc.

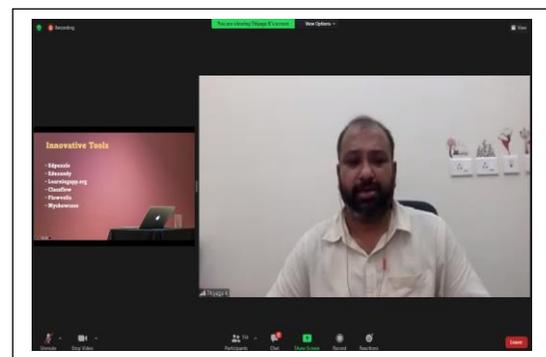
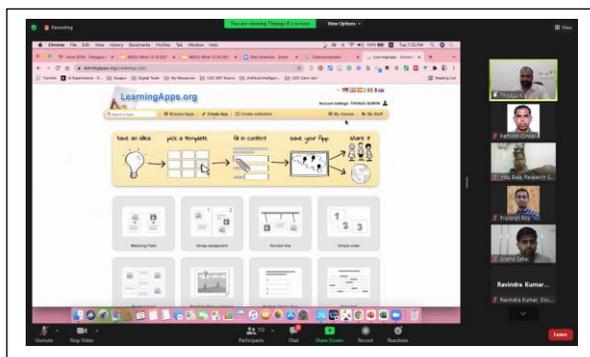
He discussed on the evaluation of OER including its accuracy, relevance, production, accessibility, interactivity, licencing and production quality. He talked on rubrics to evaluate the OERs.

Finally he welcomed for questioning from the participants. Ritu Sharma asked what design thinking is, and sir answered that it is project on how one student can understand. One participant asked what critical thinking is, and sir replied that it is the way to be productive. As example if one is asked is tomato fruit or vegetable, on which basis/ideas s/he can categorize tomato into vegetable that is critical thinking. One participant asked why does human being learns 83% through visual, and sir replied that that is the natural characteristics of brain cortex. Sir further discussed that what we listen that is automatically transferred in our mind through our mother tongue, and teacher is a pedagogy. At the end of the programme Suprabha Dey, Doctoral Research Scholar, School of Education, MGCU offered vote of thanks to respected professor, to the guests, to the organizers, and to all the participants.



Workshop – Session 5 - Interactive Presentation Tools & e-Assessment Tools

On October 12, 2021 the session begins with welcome address by Prof. Asheesh Srivastava, Head & Dean, School of Education, MGCU welcomed the chief guest and expert instructor of the session, Dr. Thiyagu K., Department of Education, Assistant Professor, Central University of Kerala, Kasargod, Kerala. Then Dr. Manisha Rani, Assistant professor, School of Education, MGCU welcomed him once again as the programme coordinator of the session. Ms. Indu Bala, Doctoral Research Scholar, School of Education, MGCU introduced him to the participants of the programme wonderfully. Respected sir discussed on Interactive Presentation Tools & E-Assessment Tools.



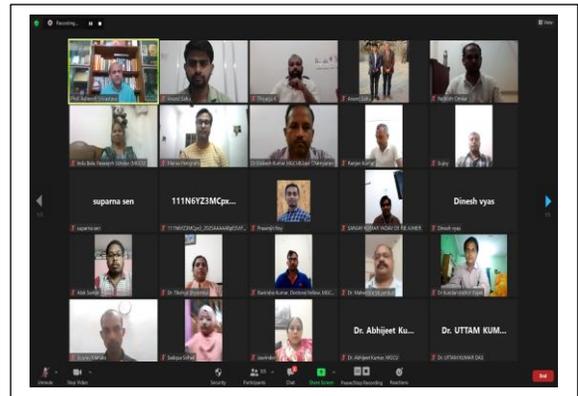
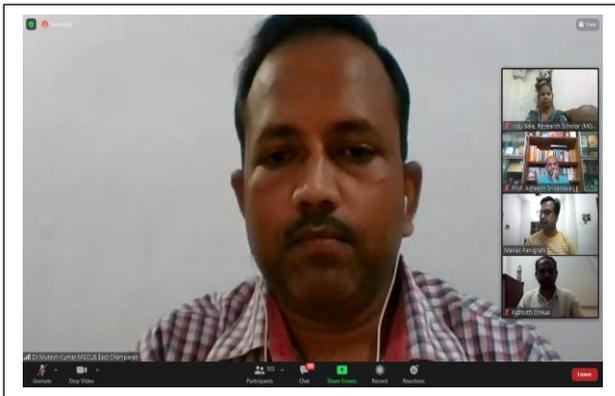
He started his session, and first explained very primary skills of online learning such as mute to unmute, use of chat box, how to use mouse for virtual blackboard during power point presentation. He explained 3Es formula including Engage, Encourage and E-Tools. He said that reinforcement is very important for good presentation on online to motivate the students to be engaged in process. For the purpose he suggested the faculties to call the students by name so that they can be alert as well be motivated.

He said that now the 21st teachers need 3Qs including DQ (Digital Quotient), IQ (Intelligence Quotient) and EQ (Emotional Quotient). The teachers must know about the latest tool, s/he must be updated. He said that in traditional system there was interaction among Teacher, Student and Content. And now there should be interaction with technology also with the other components. He explained on interactions including 'Student + Content = Relevance', 'Teacher + Content = Expertise', and 'Teacher + Student = Relationships'. Then he explained on 'Teacher + Student + Content = Meaningful Interaction'.

Then respected sir discussed on the use of Change Pointer to Laser Pointer, Laser Pointer to Change Pointer, Change Pointer to Arrow, Change Pointer to Pen, Change Pointer to Highlighter, Change Pointer to Eraser, View Task Bar, Black Board, White Board, Come back to normal presentation, Zoom In, Google Slide Add-Ons, Peer Deck for Google Slide Add-Ons, etc. Then he discussed on student paced activity vs instructor paced activity. He talked on synchronous mode and hjd wdl. Then he demonstrated the mobile view in screen. He talked and demonstrated on sound slides, google forms, g-mail communication, use of chat in normal classroom, etc. He talked on jam board, google classroom, google lens, google scholar, you tube, videos, Adams slides, Infographics, padlet, Gimkit, HOP, different innovative tools, etc. He talked on LearningApps.org, Interactive Whiteboard including Nearpod, Wakelet, etc., concept mapping, classroomscreen.com, LMS tools, painting, etc. He also discussed on online examination and Creative Common License.

VALEDICTORY SESSION

The fifth technical session of the Capacity Building Programme was followed by the valedictory programme of the ONLINE Five Days Capacity Building Programme for Teachers and Research Scholars on Implementation of Blended Learning in Mahatma Gandhi Central University, Bihar.

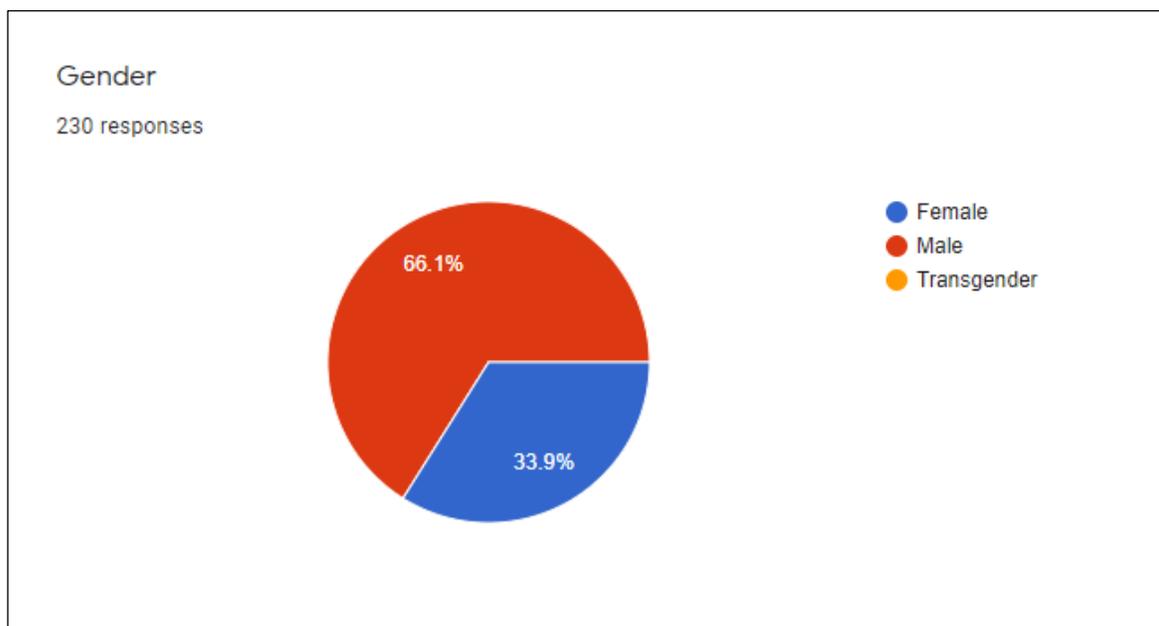


The programme began with the formal welcome by Dr. Mukesh Kumar, Associate Professor, School of Education, MGCU. This was followed by the brief overview of the Capacity Building Programme by Dr. Pathloth Omkar, Programme Director. Prof. Asheesh Srivastava, Head and Dean, School of Education, MGCU thanked all the dignitaries involved in the one week capacity building program and explained that as teachers and research scholars it is highly essential for us to be updated with the technical advancements and emerging technologies. Further Sir concluded his remarks by throwing light on the four sections of NEP - 2020 and the need of Educational Technology and Blended Learning in the contemporary knowledge fraternity. Sir also presented his insights about the technical sessions held

under the Capacity Building Programme and rendered his heartfelt gratitude to all the participants for their presence and efforts in making the programme successful. This was followed by the remarks by Dr. Manas Ranjan Panigrahi, Senior Programme Officer, Education, Commonwealth Educational Media Centre for Asia, New Delhi. Sir congratulated the organising team to take the project in time and doing justice with it as this project is also very important for the State Bihar as a whole. One of the participants of the Capacity Building programme, Sanjay Kumar Yadav, DERIE, Ajmer gave his feedback and congratulated the organisers for organising such an excellent programme. The programme concluded with the formal vote of thanks given by Dr. Manisha Rani, Assistant Professor, School of Education, MGCU. Coordinators of the day were Dr. Manisha Rani & Dr. Rashmi Srivastava, Assistant professor, School of Education, MGCU while the technical support was provided by Dr. Pathloth Omkar, Assistant Professor and Dr. Mukesh Kumar, Associate Professor, School of Education, MGCU. Teachers, faculty members and research scholars from the School of Education, MGCU and even throughout India participated in the Programme. The valedictory programme ended with the National Anthem Coordinated by Mr. Anand Sahu, M. Phil. Research Scholar, School of Education, MGCU.

PARTICIPANTS' PROFILE AND FEEDBACK

There were 230 participants who registered into this capacity building programme for the all five sessions. These participants were teachers and research scholars from the Mahatma Gandhi Central University, Bihar and few of them are from other institutions.



The feedback from the participants

“...It was really very good starting to enlighten about the blended teaching pedagogy”.

- Female, Assistant Professor in English

“... Very nicely conducted. Learnt a lot from the resource person on ICT tools, Google sheets, Google form, Padlets etc. –Male, Research Scholar,

It was a very good introduction to the e-learning concepts and tools for the existing faculties as well as the aspiring ones. This could help them not only to further enrich the learning experience for the students but also help teacher to prepare more effective and attractive course for their pupils. – Assistant Professor, Economics

“... The program was well organized and very useful for educators and students as well. All the aspects of Blended learning covered well.” Female, Assistant Professor, Library Science

It was complete five days learning package for us that will for sure going to help us in our academic career.” –Female, Research Scholar

“... This was very informative workshop. I learnt a lot. Thank you organizing team for conducting such a nice workshop.” –Assistant Professor

BRIEF PROFILE OF RESOURCE PERSON

Dr. Pranita Gopal is a Visiting Faculty at the Ravenshaw University, Odisha; she also works as an Instructional Coach to help teachers make the teaching learning process meaningful and engaging. She has more than 15 years of experience of working with teachers. Apart from teaching, she loves reading, telling stories and working on art projects.

Dr. Vaibhav Jadhav is currently working as Assistant Professor in Department of Education & Extension, Coordinator in School of Open Learning and Coordinator of School of Education, Co-coordinator in National Recourse Centre (ARPIT-SWAYAM) in Savitribai Phule Pune University, Pune.

Dr. Jayashree Shinde is currently heading the Department of Educational Technology, SNDT Women’s University. She had headed the department for 11 years (September 2007 till May 2018) in the past. She is also Director of Teaching Learning Centre established under ‘Pandit Madan Mohan Malaviya National Mission for Teachers and Teaching (PMMMNTT)’ of Ministry of Education, India. Dr. Shinde has headed the Department of Educational Technology; SNDT Women’s University for 10 years till 2018

and have been working in the Department since last 25 years. She became Associate Professor in 2006. She teaches Educational Technology, eLearning at master's level which develops skills in Instructional Design, OLD systems, OER development, etc. She is currently guiding 4 PhD scholars working in the fields of M-Learning, Co-operative strategies, Online learning environments, etc. and has been guiding several master's level research studies.

Dr. E. Ramganes, is a Professor Department of Educational Technology, Director Institute for Entrepreneurship and Career Development & Director DDU-KAUSHAL (Deen Dayal Upadhyay- Knowledge Acquisition and Upgradation of Skilled Human Abilities and Livelihood) Centre, Bharathidasan University, Tiruchirappalli-620 023 Tamil Nadu INDIA, and also Adjunct Professor, Universiti Pendidikan Sultan Idris (National University) Malaysia.

Dr. Thiyagu K. is an Assistant Professor, Department of Education, Central University of Kerala, Kasargod, Kerala. He holds the Degrees M.Sc. (Math). M.Phil. (Math), M.Ed., M.Phil. (Edn), M.Sc. (Psy), and Ph.D. (Education). He has 11 years of teaching experience in various organizations. He was on the Faculty of Education (On-Contract), School of Education and Training, Central University of Tamilnadu, Thiruvarur, Tamilnadu before joining CUK. His main areas of specializations are Educational Technology, Educational Psychology, Research Methodology, Educational Statistics, Educational Administration and Mathematics Education. He published Seventy five (75) articles in national and international level journals. He has presented a papers in 125 international and National conferences held in various parts of India. He has published three Books earlier in the area of ICT in Education. He has acted as resource person for the various levels seminars and conferences.

PROGRAM SCHEDULE

Program Brochure



Implementation of Blended Learning in Mahatma Gandhi Central University, Bihar



INTRODUCTION

The COVID-19 pandemic forced teachers to adopt and adapt teaching learning strategies that could be delivered from a distance and in the absence of face-to-face interaction. In May 2021, University Grants Commission (UGC) released its concept note on Blended mode of Teaching and Learning which permitted Higher Education Institutes to teach up to 40% of the syllabus through online mode and the remaining 60% through offline mode. Ratifying the usage of online strategies and empowering teachers to create a blend of an online and offline mode of course delivery, the UGC has acknowledged the need for and importance of using blended learning strategies in education. **Commonwealth Educational Media Centre for Asia (CEMCA) & School of Education, in collaboration with IQAC & Research and Development Cell, Mahatma Gandhi Central University** are jointly organising the capacity building programmes that aim to empower teachers, research scholars of higher education from Bihar to implement Blended Learning in their institutions.

ABOUT THE DEPARTMENT

The Department of Educational Studies under the School of Education came into existence in May 2019. The Department is offering M.A. in Education, M.Phil. in Education and Ph.D. in Education from the academic session 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.

Chief Patrons
Prof. Sanjeev Kumar Sharma
 Hon'ble Vice Chancellor, MGCU.
Prof. Madhu Parhar
 Director, CEMCA, New Delhi

CEMCA Representative
Dr. Manas Ranjan Panigrahi

Program Director
Dr. Pathloth Omkar
 cemca.soemgcu@gmail.com

Patron
Prof. G. Gopal Reddy
 Hon'ble Pro VC, MGCU

Program Co-Directors
Prof. Asheesh Srivastava
 Dr. Manisha Rani

Advisory Board Members
Prof. Santosh Kr Tripathi
 Prof. Pranveer Singh
 Dr. Mukesh Kumar

ABOUT CEMCA

The Commonwealth Educational Media Centre for Asia (CEMCA) (<http://cemca.org/>) serves as the regional educational media centre of Commonwealth of Learning (COL), Vancouver, Canada (<https://www.col.org/>) for Commonwealth Asia, established at New Delhi in 1994. CEMCA promotes the meaningful, relevant and appropriate use of media and technology to serve the educational and training needs leading to Sustainable Development through learning in Commonwealth member states of Asia. The Govt. of India by a Gazetted Notification, dated 10th February 2000, notified CEMCA as a diplomatic mission under provisions of the United Nations (Privileges and Immunities) Act, 1947. CEMCA works in eight Commonwealth countries of Asia: Bangladesh; Brunei; Darussalam, India, Maldives, Malaysia, Pakistan, Singapore and Sri Lanka.

CAPACITY BUILDING PROGRAMME

This is an online hands-on training program and it is expected that at the end of the training all participants will create blended learning modules that will be released under suitable Creative Commons License as OER. These modules will be hosted by School of Education, Mahatma Gandhi Central University in collaboration with CEMCA, New Delhi. so that more teachers across the country get an access and use for better teaching-learning. Using asynchronous & synchronous learning tools, the training programme will be conducted for five days. All participants will be given certificates after successful completion of the training.

Organizing Committee Members

Mr. Ranjay Kumar Patel
Mr. Ranjan Kumar
Mr. Sujoy Kundu

Ms. Indu Bala
Mr. Sourav Mahato
Ms. Kanchan Kumari

Ms. Suprabha Dey
Mr. Prasenjit Roy
Mr. Kanai Sarkar

ABOUT THE UNIVERSITY

MAHATMA GANDHI CENTRAL UNIVERSITY (MGCU) is proving to be an excellent centre of higher studies in the field of basic, applied and technical Education. Needless to reiterate, the well-experienced and competent Faculty of the university is the central basis for the academic excellence being sustained herein. Christened after Mahatma Gandhi, FATHER OF NATION, MGCU is one of the emerging Public Central University in India. The Motto of the University is enshrined in the LOGO: "मयि श्रीः श्रवतां यशः" which 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 which renders the all-round success and prosperity.

FIVE DAYS CAPACITY BUILDING PROGRAMME

Session	Content
8 th Oct. 2021: Session-1 (90 Minutes)	ICT tools in teaching learning
9 th Oct. 2021: Session-2 (90 Minutes)	Introduction to LMS: Google Classroom/Moodle
10 th Oct. 2021: Session-3 (90 Minutes)	Design & development of lessons for blended learning
11 th Oct. 2021: Session-4 (90 Minutes)	Interactive Presentation Tools & e-Assessment Tools
12 th Oct. 2021: Session-5 (90 Minutes)	OER, and Techno-Pedagogy

Registration Link: <https://forms.gle/JnpQB07chGrUk4Pc6>

Program Schedule



School of Education, IQAC and R&D Cell
Mahatma Gandhi Central University, Bihar
In Collaboration with
Commonwealth Educational Media Centre for Asia
New Delhi



Organizes

ONLINE Five Days Capacity Building Programme for Teachers and Research Scholars
On

Implementation of Blended Learning in **Mahatma Gandhi Central University, Bihar**

Date: 8th October, 2021 Time: 4.30 pm

Minute to Minute Program Schedule for Inaugural

Coordinators of the Day: **Dr. Manisha Rani & Dr. Rashmi Srivastava**
 School of Education, MGCU, Motihari, East Champaran, Bihar

04:20pm to 04:30pm-	Joining the program through Zoom
04.30pm to 04:35pm-	Welcoming & Introducing the Guests by Dr. Mukesh Kumar , Associate Professor, School of Education, MGCU, Motihari, Bihar
04.35pm to 04:40pm-	Saraswati Vandana by Ms. Suprabha Dey , Doctoral Research Scholar, School of Education, MGCU, Motihari, Bihar
04.40pm to 04:45pm-	About theme and context of CBP by Prof. Asheesh Srivastava , Head & Dean, School of Education, MGCU, Motihari, East Champaran, Bihar
04.45pm to 04:55pm-	Importance of Blended Learning by Prof. Madhu Parhar , Director, Commonwealth Educational Media Centre for Asia, New Delhi
04.55pm to 05:00pm-	Remarks by Chief Guest, Prof. Manoj Dixit , Hon'ble Former Vice-Chancellor, Dr. Ram Manohar Lohia Vishwavidyalaya, Ayodhya
05.00pm to 05:05pm-	Remarks by Prof. Santosh Kumar Tripathi , Professor & Dean, Research & Development Cell, MGCU, Motihari, Bihar
05.05pm to 05:10pm-	Remarks by Prof. Pranveer Singh , Professor & Coordinator of IQAC, MGCU, Motihari, East Champaran, Bihar
05.10pm to 05:15pm-	Remarks by Prof. G. Gopal Reddy , Hon'ble Pro Vice Chancellor, MGCU, Motihari, East Champaran, Bihar
05.15pm to 05:25pm-	Presidential Address by Prof. Sanjeev Kumar Sharma , Hon'ble Vice Chancellor, MGCU, Motihari, East Champaran, Bihar
05.25pm to 05:30pm-	Vote of thanks by Dr. Pathloth Omkar , Assistant Professor, School of Education, MGCU, Motihari, Bihar
05.30pm to 05.31pm-	National Anthem (Coordinated by: Mr. Prasenjit Roy), Doctoral Research Scholar, School of Education, MGCU, Motihari, Bihar
05.31pm to 06.00pm-	Break
06.00pm to 07.30pm-	Capacity Building Programme Session-1 by Dr. Pranita Gopal

Platform: Zoom

Technical Support: **Dr. Pathloth Omkar & Dr. Mukesh Kumar**,
 School of Education, MGCU, Motihari, East Champaran, Bihar

Program Invitation



**School of Education, IQAC and R&D Cell
Mahatma Gandhi Central University, Bihar**
In Collaboration with
**Commonwealth Educational Media Centre for Asia
New Delhi**



Organizes

**Five Days ONLINE Capacity Building Programme for
Teachers and Research Scholars from 08th to 12th October, 2021**

On

**Implementation of Blended Learning in
Mahatma Gandhi Central University, Bihar**

Inaugural Session Timing- 04.30PM to 05.30PM

08th October, 2021

Platform: Zoom

INVITATION

***It's our immense pleasure to cordially invite you for the
Inauguration Ceremony of a five-days ONLINE Capacity Building
Programme. Your gracious presence is highly solicited.***





School of Education, IQAC and R&D Cell
Mahatma Gandhi Central University, Bihar
In Collaboration with
Commonwealth Educational Media Centre for Asia
New Delhi



Organizes
ONLINE Five Days Capacity Building Programme for Teachers and Research Scholars
On
Implementation of Blended Learning in Mahatma Gandhi Central University, Bihar
 08th- 12th October, 2021
Inaugural Session Timing- 04.30PM to 05.30PM on 08th October, 2021
Platform: Zoom

Sessions	Pedagogy of CBP	Experts/Resource Persons
08 th October 2021 6.00pm to 7.30pm Session-1 (90 Minutes)	ICT tools in Teaching Learning: Using Google Tools including use of YouTube Channel, Use of PPT, Creation of Audio and Video Contents, Creating Learner Centric Video Lectures	Dr. Pranita Gopal Instructional Coach & Visiting Faculty School of Education, Ravenshaw University, Cuttack, Odisha
09 th October 2021 6.00pm to 7.30pm Session-2 (90 Minutes)	Introduction to LMS: Google Classroom/Moodle: Using Google Classroom & Moodle LMS for Delivering Blended Learning Courses. Conducting Student Assessments through Google Classroom.	Dr. Vaibhav Jadhav Department of Education & Extension, School of Education, Savitribai Phule Pune University, Pune, Maharashtra
10 th October 2021 6.00pm to 7.30pm Session-3 (90 Minutes)	Design & Development of Lessons for Blended Learning: Concepts of Blended Learning; Preparing of Blended Learning Lesson plan; Developing contents for blended learning.	Dr. Jayashree Shinde Head, Department of Educational Technology, SNDT Women's University Mumbai, Maharashtra
11 th October 2021 6.00pm to 7.30pm Session-4 (90 Minutes)	OER, and Techno-Pedagogy: Understanding of OER: searching, using, creating; Open Licenses- Creative Commons; Understanding of techno pedagogy	Prof. E. Ramganes The Director, Institute for Entrepreneurship and Career Development & DDU Kaushal Kendra, Bharathidasan University Tiruchirappalli, Tamil Nadu
12 th October 2021 6.00pm to 7.30pm Session-5 (90 Minutes)	Interactive Presentation Tools & e-Assessment Tools: Interactive Presentation Tools, Use of Online Assessment tools etc	Dr. Thiyagu K. Department of Education, Central University of Kerala, Kasargod, Kerala

IMPORTANT NOTE: The Capacity Building Program will be in two phases. Phase-I (Synchronous Presentation) is for Five days and Phase-II is the Training after Support (Asynchronous Support) will be provided by the experts virtually through focused academic WhatsApp Group [CEMCA-SoE, MGCU Program] for 30 days. The main purpose of the WhatsApp Group is to promote collaborative, guided and virtual learning environment. The participants are encouraged to post their queries, difficulties, best practices and innovations in the [CEMCA-SoE, MGCU Program].



School of Education, IQAC and R&D Cell
Mahatma Gandhi Central University, Bihar
In Collaboration with
Commonwealth Educational Media Centre for Asia
New Delhi



Organizes

ONLINE Five Days Capacity Building Programme for Teachers and Research Scholars
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Implementation of Blended Learning in
Mahatma Gandhi Central University, Bihar

Date: 12th October, 2021 (Session Day-5)

Minute to Minute Program Schedule

Coordinators of the Day: **Dr. Mukesh Kumar & Dr. Manisha Rani**
School of Education, MGCU, Motihari, East Champaran, Bihar

05.50pm to 06.00pm	Joining the program through Zoom
06:00pm to 07:30pm	Capacity Building Programme Technical Session-5 by Dr. Thiyagu K Department of Education, Central University of Kerala, Kasargod, Kerala
Concluding Session	
07.30pm to 07:35pm-	Workshop Summarization by Dr. Pathloth Omkar , Assistant Professor, School of Education, MGCU, Motihari, Bihar
07.35pm to 07:40pm-	Way Forward by Prof. Asheesh Srivastava , Head & Dean, School of Education, MGCU, Motihari, East Champaran, Bihar
07.40pm to 07:45pm-	Remarks by Dr. Manas Ranjan Panigrahi , Senior Programme Officer, Education Commonwealth Educational Media Centre for Asia (CEMCA), New Delhi
07.45pm to 07:49pm-	Vote of thanks by Dr. Manisha Rani , Assistant Professor, School of Education, MGCU, Motihari, Bihar
07.49pm to 07.50pm-	National Anthem (Coordinated by: Mr. Anand Sahu), M.Phil Research Scholar, School of Education, MGCU, Motihari, Bihar

Platform: Zoom

Technical Support: **Dr. Pathloth Omkar & Dr. Mukesh Kumar**,
School of Education, MGCU, Motihari, East Champaran, Bihar

MEDIA COVERAGE

The following are the snapshot from media regarding the capacity building programme.

युवा
आज का दिन
1910 में वाराणसी में मदन मोहन मालवीय की अध्यक्षता में प्रथम अखिल भारतीय हिंदी सम्मेलन का आयोजन हुआ।

केन्द्रीय विवि में बिहार में मिश्रितअधिगम का क्रियान्वयन विषय पर अविश्वमता संवर्द्धन कार्यक्रम का उद्घाटन

विवि सामाजिक दायित्व का भी करें निर्वहन

मोतिहारी | मित्र प्रतिनिधि

महात्मा गांधी केन्द्रीय विवि के शिक्षा संकाय, आन्तरिक गुणवत्ता सुनिश्चयन प्रकोष्ठ, अनुसंधान एवं विकास प्रकोष्ठ महात्मा गांधी केन्द्रीय विश्वविद्यालय, बिहार व कॉमनवेल्थ एजुकेशनल मीडिया सेक्टर फॉर एशिया, नई दिल्ली के संयुक्त तत्वावधान में शिक्षकों व शोधार्थियों के लिए 'महात्मा गांधी केन्द्रीय विवि, बिहार में मिश्रित अधिगम का क्रियान्वयन' विषय पर त्रय आघारित (ऑनलाइन) पांच दिवसीय अभिव्यक्ति संवर्द्धन कार्यक्रम का उद्घाटन किया गया।

औपचारिक शुरुआत विभाग की शोध छात्रा सुप्रभा डे के द्वारा मां सरस्वती की वन्दना से हुई। अतिथियों का औपचारिक स्वागत एवं सौष्ठव परिचय विभागीय संकाय सदस्य व कार्यक्रम के तकनीकी सहायक डॉ. मुकेश कुमार, सह आचार्य, शैक्षिक अध्ययन विभाग के द्वारा किया गया। विषय प्रवर्तन प्रो. आशीष श्रीवास्तव, अधिष्ठाता, शिक्षा संकाय के द्वारा किया गया। कॉमनवेल्थ एजुकेशनल मीडिया सेक्टर फॉर एशिया, नई दिल्ली की



शनिवार को केवि वि में उद्घाटन के मौके पर कुलपति व अन्य।

निदेशिका प्रो. मधु परहार के द्वारा मिश्रित अधिगम के महत्त्व को उद्दिष्ट किया गया। उन्होंने बताया कि मिश्रित अधिगम की शुरुआत नई शिक्षा नीति 2020 से हुई है। इस सन्दर्भ में यूजीसी ने भी स्पष्ट दिशा-निर्देश जारी किया है। अधिगम कभी भी रुक नहीं सकती। यह विभिन्न प्रकार की तकनीकी के माध्यम से लगातार चलती रहेगी। कार्यक्रम के मुख्य अतिथि प्रो. मनोज दीक्षित, पूर्व कुलपति, डॉ. राम मनोहर लोहिया विश्वविद्यालय, अयोध्या ने प्रतिभागियों को यह बताया कि जब हम उपयोगकर्ता को निर्देश दे रहे हों तो यह आवश्यक है कि हम उसे उसकी भाषा में सूचना प्रदान करें। ऑनलाइन एवं ऑफलाइन शिक्षण माध्यमों के बीच उचित सामंजस्य स्थापित करके अधिगम को प्रभावी बनाया जा सकता है। कार्यक्रम के मुख्य संरक्षक प्रो. संजीव कुमार शर्मा, कुलपति ने कहा कि विश्वविद्यालय केवल अध्ययन-अध्यापन का कार्य न करें अपितु सामाजिक दायित्व का भी निर्वाह करें। विभागीय संकाय सदस्य व कार्यक्रम के निदेशक डॉ. पांथलोथ ओमकार ने धन्यवाद ज्ञापन किया गया। मौके पर, प्रो. जी गोपाल रेड्डी, प्रति कुलपति प्रो. संतोष कुमार त्रिपाठी, प्रो. प्राणवीर सिंह आदि थे।

महर्षि पाणिनि के योगदान व जीवन वृत्त पर चर्चा

मोतिहारी | मित्र प्रतिनिधि

केवि वि में महर्षि पाणिनि ज्ञान वाग्मय शोध पीठ का उद्घाटन महात्मा गांधी केन्द्रीय विश्वविद्यालय के कुलपति प्रो. संजीव कुमार शर्मा ने किया। इस कार्यक्रम में सभी अतिथियों का स्वागत पुस्तकालय एवं सूचना विज्ञान विभाग की शोध छात्रा ऋजु पाण्डेय व साहित्यज्ञ जितेंद्र ने तिलक लगाकर किया।

कार्यक्रम के अध्यक्ष कुलपति का स्वागत महर्षि पाणिनि ज्ञान वाग्मय शोध पीठ के समन्वयक डॉ. भवनाथ पाण्डेय ने पुष्प गुच्छ देकर किया। कुलपति महोदय ने महर्षि पाणिनि के योगदान तथा जीवन वृत्त के बारे में विस्तार से चर्चा की। उन्होंने कहा कि महर्षि पाणिनि को व्याकरण का जनक कहा जाता है। डॉ. भवनाथ पाण्डेय ने महर्षि

उद्घाटन

- महर्षि पाणिनी ज्ञान वाग्मय शोध पीठ के उद्देश्यों की चर्चा
- महर्षि पाणिनी ज्ञान वाग्मय शोध पीठ का उद्घाटन

पाणिनि ज्ञान वाग्मय शोध पीठ के उद्देश्यों की चर्चा की। इस शोध पीठ के माध्यम से ज्ञान आघारित वाग्मय का अध्ययन, वर्गीकरण, मूल्यांकन व मापन किया जायेगा।

कार्यक्रम में उपाध्यक्ष प्रति कुलपति प्रो.फेसर जी.गोपाल रेड्डी, विश्वविद्यालय के विशेष कार्य अधिकारी प्रो. राजीव कुमार, कुलानुशासक प्रो. प्रणवीर सिंह, प्रो. रणजी कुमार चौधरी, विभिन्न संकायों के संकायाध्यक्ष, विभागों के विभागाध्यक्ष उपस्थित थे।

इंटर में नामांकन

मोतिहारी। जिले के स्पोर्ट नामांकन की दो दिन 9 व 10 8 होना है। एमएस व अरुण कुमार के रविवार को इंटर के लिए काउंटर लिए जिन छात्र दिया है व कॉलेज करा दी है वे मूल व अन्य काम नामांकन लेगे। इसके प्राचार्य प्रो. उ कि उनके यहाँ स्कूल में 161 व छात्रों का चयन

बीपीएस को मिली

मोतिहारी। बी रिजल्ट में जिले 89 चारैक लाक चयन बिहार शि उसकी सफलत का माहौल है। अंतर्गत बखरी स्कूली शिक्षा सं स्कूल से की है

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