

CONFERENCE REPORT

3rd INTERNATIONAL CONFERENCE ON INNOVATION IN TEACHING & LEARNING (ICITL-2020)

September 28, 2020 to October 01, 2020

Allama Iqbal Auditorium, Faisal Masjid Campus IIUI



ORGANIZED BY

DEPARTMENT OF EDUCATION

FACULTY OF SOCIAL SCIENCES

INTERNATIONAL ISLAMIC UNIVERSITY ISLAMABAD

PAKISTAN

Organizing Team

Patron in Chief



**Prof. Dr. Masoom
Yasin Zai**
Rector, IIUI

**Prof. Dr. Hathal Bin
Hamoud Al-Otaibi**
President, IIUI



Patron



**Prof. Dr. N. B.
Jumani**
Vice President
(AF&P), IIUI

**Prof. Dr. Samina
Yasmeen Malik**
Dean FSS, IIUI



Focal Person/Chair



Dr. Shamsa Aziz
Chairperson
Department of
Education
(Female Campus) IIUI

**Dr. Muhammad
Munir Kayani**
Chairman,
Department of
Education
(Male Campus), IIUI



CONFERENCE ORGANIZING COMMITTEE

1. Prof. Dr. N.B. Jumani, Vice President (AF&P), Professor of Education/Director Directorate of Distance Education.
2. Prof. Dr. Samina Malik, Dean, Faculty of Social Sciences.
3. Dr. Shamsa Aziz, Associate Professor/Chairman Department of Education(Female Campus)
4. Dr. Muhammad Munir Kayani, Associate Professor/Chairman Department of Education(Male Campus)
5. Dr. Shazia Naureen, Assistant Professor, Department of Education
6. Dr. Azhar Mahmood, Associate Professor, Department of Education
7. Dr. Munazza Mahmood, Assistant Professor, Department of Education
8. Dr. Zarina Akhtar, Assistant Professor, Department of Education
9. Dr. Sh. Tariq Mahmood, Assistant Professor, Department of Education
10. Dr. Muhammad Zafar Iqbal Chaudhry, Assistant Professor, Department of Education
11. Dr. Fouzia Ajmal, Assistant Professor, Department of Education
12. Dr. Nasir Khan, Teaching and Research Associate, Department of Education
13. Ms. Alina Raza, Teaching and Research Associate, Department of Education
14. Ms. Sumaira Batool, Teaching and Research Associate, Department of Education
15. Ms. Humaira Akram, Teaching and Research Associate, Department of Education
16. Ms. Rabia Mumtaz, Teaching and Research Associate, Department of Education
17. Ms. Naila Bashir, Assistant Director, Department of Education
18. Ms Sehrish Niazi, Upper Division Clerk
19. Ms Sajida mardin , Lower Division Clerk
20. Mr. Junaid, Upper Division Clerk
21. Mr. Adeel, Lower Division Clerk

Report Compiled By:

1. Dr. Shazia Naureen
2. Sehrish Zaheer

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Message of Rector, IIUI

International Islamic University Islamabad along with other higher education institutions of Pakistan and the world has gone through hard and challenging times in the wake of the COVID-19 pandemic. This challenge came with lots of opportunities for the higher education as it helped us create an alternative knowledge platform. We had been working hard to transform our system of education in the light of the HEC's guidelines. I would like to congratulate our team of faculty members especially the Department of Education for their untiring efforts in fulfilling the huge responsibility of transforming the delivery of education from the face-to-face to online mode.



Alhamdulillah! We have successfully implemented the online LMS system as envisioned by the HEC as the Fall-2020 semester has completed. I am truly delighted to know that the Department of Education, Faculty of Social Science, is organizing its 3rd International Conference on Innovation in Teaching and Learning (ICITL-2020) particularly given the hard times we have had and continue to have. I am happy to see the conference themes that are set around the most pertinent issues being faced in the field of education in Pakistan. This has been my belief that a university is a place where knowledge is not only exchanged but also created and shared for which organizing conferences, seminars, symposia, workshops etc. are vital. I have been attending conferences and other academic programs of the Department of Education and I am happy to say that the Department of Education has been actively pursuing the path of creating and sharing knowledge. I welcome all the contributors and participants of the conference and wish them the very best.

Prof. Dr. Masoom Yasinzaï

Rector, International Islamic University Islamabad

Message of President, IIUI

International Islamic university Islamabad is one of the most prestigious and leading universities of not only Pakistan but the whole of Islamic world. We at IIUI are committed to working hard for delivering quality education and producing knowledge in line with the aspiration of Muslim Ummah. IIUI has been doing its bit for decades to produce scholars and practitioners equipped with modern knowledge and imbued with Islamic worldview. The Department of Education is one of the most dynamic departments of the university which has achieved many milestones in the field of teaching, training and research in its short history of two and a half decades. It has partaken in a number of national and international endeavors and has achieved the unprecedented academic excellence. The organization of the 3rd international conference titled ICITL-2020 is yet another achievement to its credit, which is indeed commendable. I would like to warmly welcome all the international and national delegates, keynote speakers, presenters and participants who are going to share their research findings in their respective fields which I am sure will generate result-oriented discussion and debate amongst academicians and researchers. It will provide an opportunity to the young researchers and educationists to set their future directions by becoming part of this inspiring and enlightening experience. I congratulate the organizers and wish everybody a wonderful time!



Dr. Hatha bin Hamoud Al-Otaibi

President, International Islamic University Islamabad

Message of Vice President (Administration, Finance & Planning)

The COVID-19 pandemic has posed an unprecedented challenge globally. In the field of education the challenges have been multifarious particularly in countries like Pakistan where internet accessibility still remains a privilege, hence, the transformation from face-to-face to online posed a number of difficulties, yet, the shift from face-to-face to online was the only way to deliver education during these hard times that proved its importance which had long been neglected. I must congratulate the Department of Education, IIUI for organizing such a mega event that highlights the recent and upcoming issues and challenges for mutual deliberation. Organizing the 3rd international conference is a huge achievement on the part of the Department of Education and the Conference Organizing Committee that has established its standing in the academia particularly at a time when everyone is so preoccupied with the elongated spring semester and the processes of admission etc. Thank you all very much. I wish you a good time, wherever you are!



Prof. Dr. N. B. Jumani

Vice President (Administration, Finance & Planning), International Islamic University Islamabad

Message of VP (Academics)

The aim of educational institutions is to provide quality education and the Department of Education is striving hard to achieve academic excellence. Organizing an international conference is a huge challenge. I really appreciate the efforts made by the department of education for organizing this conference. This conference will address the expectations of the academic community and I am sure that Department of Education will further hold such conferences regularly. I warmly welcome all guest speakers and participants of the International Conference on Innovation on Teaching and Learning.



Prof. Dr. Ahmed Shuja Syed VP (Academics)

Message of VP (Higher Studies & Research)

The Department of Education, IIUI is offering various academic programs since 2000 and established its credibility in the field of teacher education and research. I want to congratulate the faculty members of the Department for their sincere efforts to organize International Conference on Innovation in Teaching and Learning. I hope that ICITL will provide a platform to the academicians, professionals and researchers to discuss latest educational trends, problems, challenges and opportunities in a collaborative learning environment.



Prof Dr. Aqdas Naveed Malik

Vice President, (Higher Studies & Research)

Message of VP (Female Campus)

Prof Dr. Farkhanda Zia

International Islamic university Islamabad is a unique center of learning in the Muslim world which strives to combine the essentials of the Islamic faith with the best of modern knowledge. Quality of education is the essential element for any educational institution to reach at academic excellence and department of education is one of the departments of IIUI struggling hard to prove it. I feel honored to welcome you the International Conference on Innovation in Teaching and Learning organized by the Department of Education and I am confident that this mega event will provide a forum to the young researchers, academicians, and professionals to re shape their knowledge with the collaboration of global and intellectual atmosphere.



Prof Dr. Farkhanda Zia

Vice President, (Female Campus)

Message of Dean, Faculty of Social Sciences

The Department of Education, IIUI, is organizing its 3rd international conference, ICITL-2020 that is yet another milestone in its pursuit of providing international forum of sharing knowledge and innovation in the field of education and training. As Dean, Faculty of Social Sciences, I appreciate the initiative taken by Department of Education to invite researchers, academicians, scholars and practitioners from around the globe on one platform to share their knowledge and expertise in their areas of research. This conference focuses on innovation in education, education for suitable development, professional development, and so on. We are and will remain committed to delivering quality education and creating knowledge sharing avenues for our students and young researchers in the field of education. In the wake of COVID-19 pandemic we have realized the importance of social sciences and the importance of alternative solutions of disseminating knowledge which I hope this conference will focus. I hope that the conference will not only help initiate fruitful discussions, but will also present solutions of the challenges have posed by the pandemic and its aftermath.



Prof. Dr. Samina Malik,

Dean, Faculty of Social Sciences

International Islamic University Islamabad

Message of Chairperson, Department of Education (F)

As Chairperson Department of Education (Female) it is my great pleasure to welcome you all at the 3rd International Conference on Innovation in Teaching and Learning (ICITL-2020). This conference is in continuation of the department's vision of providing opportunities to the scholars and researchers in education to share their research and build up knowledge base for the sustainable development and to help the young researchers and scholars identify researchable areas and questions. The department, while following the same vision, has already organized two international conferences in 2016 and 2018 respectively. I hope that this conference, like our previous endeavors, will prove useful in creating networks and finding solutions to the problems in the field of education.



Dr. Shamsa Aziz,

Chairperson, Department of Education (F)

International Islamic University Islamabad

Message of Chairman Department of Education (M)

As a Chairperson Department of Education (Male), I warmly welcome you all to the conference, ICITL- 2020. The experts and academicians from all over Pakistan and from different countries are going to participate in this event and I am confident that this conference will meet the expectations of academic community. This opportunity will help us all discuss the pertinent issues and challenges in the field of education and come up with sustainable solutions. I would like to thank our committed team of colleagues who have been working for a long time to make this conference a success.



Dr. Muhammad Munir Kayani,

Chairperson, Department of Education (M)

International Islamic University Islamabad

INTRODUCTION

The need of educational innovation has become acute. It is widely believed that countries' social and economic well-being will depend to an ever greater extent on the quality of their citizens' education. The pace of change is mandating that we produce a faster, smarter, better grade of human being. Current systems are preventing that from happening. Hence, innovations in teaching and learning is the dire need of the modern era. Several practical recommendations are aimed to be achieved during this conference like: how to create a base for large-scale innovations and their implementation; how to increase effectiveness of technology innovations in education and how to raise time and cost efficiency of education. Raising the quality and scale of innovations in education will positively affect education itself and benefit the whole society.

SCOPE OF THE CONFERENCE

This conference aimed at providing opportunities to students, teachers and researchers to share their experiences in the form of articles addressing the innovation, issues and challenges about following areas. This international exposure gave insight to the challenges of education at global level. The sharing of ideas allow for assessing the policies, pedagogies and current level of access to digital world. It helped to modify, reassess and replace the outdated practices for the sustainable development in education. These conference sessions will invite articles on following areas from students, teachers and researchers of national and international level.

CONFERENCE THEMES

- *Innovation in education*
- *Education for sustainable development*
- *Teaching and learning in a digital world*
- *Leadership in the 21st century*
- *Professional insertion*
- *Social media and educational innovation in mathematics and science*
- *Student's support system In 21st century*
- *Learning and teaching for sustainable development*

CONFERENCE SPEAKERS



Prof. Lester Kurtz
Professor of Sociology
George Mason University, USA



Prof. Thomas W. Simon
Professor of Law and Philosophy
John Hopkin University, USA



Dr. David Roof
Associate Professor of Educational
Studies Ball State University, USA



Prof. Dr. Nasir Mehmood
Dean, Faculty of Education, AIOU, Islamabad



Dr. Yeliena Prokhorova
Associate Professor
Kyiv National Economic University,
Ukraine



Dr. Leele Susana Haji Jamian
Faculty of Education, UITM Malaysia

EXECUTIVE SUMMARY

Department of Education, IIUI organized a 4 days event that was 3rd International Conference on Innovation in Teaching and Learning (ICITL-2020). This mega event was held on September 28, 2020 to 1st October 2020 at the QUAID-E-AZAM Auditorium, Faisal Masjid Campus Islamabad. 3rd International Conference on Innovation in Teaching and Learning (ICITL 2020) was aimed to provide opportunities to student's teachers and researchers to shared their experiences in the form of articles addressing the innovation issues, and challenges under the themes:

Innovation in Education, Education for Sustainable Development, Teaching And Learning on A Digital World, Leadership In The 21st Century, Professional's Insertion, Social Media And Education Innovation In Mathematics And Science, Student Support System In 21st Century, Educational Interventions And Learning And Teaching For Sustainable Development.

In the conference paper were presented by researcher from Pakistan and other countries. 139 abstracts were received in response to call for paper out of which 71 abstract were fully accepted, and 30 abstracts were sent for minor provisions. At the end 85 research papers were got registered by authors for more than 15 institutions including University of Karachi, Air University Islamabad, SZABIST, UMT Lahore, MUST MirPur, National University of Computer and Emerging Sciences, NUML Islamabad, KUST Kohat, AIOU, Information Technology University Lahore, University of Punjab, Fatima Jinnah Women University, Federal College of Education and IMCG Islamabad and definitely from International Islamic University Islamabad.

Researchers were from different disciplines including Education, Psychology, Special Education, Humanities, Linguistic and Communications, Elementary Teachers and Early Childhood Education, Sociology and others.

Out of those 85 papers 9 were related to Innovations in Education, 14 on Education for Sustainable Development, 24 on Teaching and Learning in the Digital World, 6 on Leadership in the 21st Century, 7 were related to Professional Insertion, 2 to Social Media and Education, 7 to Innovations in Mathematics and Science Education, 2 were on Student's Support System in 21st Century, 7 on Educational Interventions and 5 were in the area of Learning and Teaching for Sustainable Development.

Presenters shared good research work with unique topics from multiple key areas that need to be addressed in the research, generated healthy debate and ended on workable recommendations

3 keynotes on opening day and 3 in closing session shared their thought provoking ideas with future researchers. These national and international keynote speakers were;

1. **Prof. Lester Kurtz** from George Mason University, USA whose talk was titled "from Violence to Non-Violence; Educating for Sustainability"

2. **Prof. Thomas Simon** from John Hopkins University, USA shared his ideas on "Media Competencies"

3. Dr. David Roof from Ball State University, USA shed light on “Collaboration in Education during a PANDEMIC”

4. Prof. Dr. Nasir Mahmood from AIOU, Islamabad, Pakistan delivered a talk that was title “Pedagogical Context of Transforming to Online Teaching”

5. Dr. Yeliena Prokhorova, Kyiv of National Economic University, Ukraine shared experiences of “Educational Technologies in Economic University”.

6. While Dr. Leele Susana, University Teknologi, MARA, Malaysia discussed “Innovative Leadership; Decision Making Styles”

CONFERENCE SCHEDULE

(Opening ceremony)

(3rd ICITL-2020)

September 28, 2020

Allama Iqbal Auditorium, Faisal Masjid Campus IIUI

Time	Event	Venue
10:00am-10:20am	Guest Seating	
10:30am	<u>Opening Session</u> Welcome Remarks, (Prof. Dr. Samina Malik, Dean FSS) Remarks of the Vice President (Prof. Dr. Nabi Bux Jumani) <u>Speeches:</u> Worthy Rector , IIUI	Allama Iqbal Auditorium
11:30am-11:45am	Tea & Networking Break	Outside Hall
01:10-02:10 pm	Lunch & Prayer Break	Outside Hall
2:15-3:15 pm	<u>Keynote Speeches (ICITL)</u>	Allama Iqbal Auditorium
2:15-2:35 pm	1) Prof. Lester Kurtz, George Mason University, USA	
2:35-2:55 pm	2) Prof. Thomas W. Simon, John Hopkins University, USA	
2:55-3:15 pm	3) Dr. David Roof, Ball State University, USA	
3:30-4:30	Paper Presentation Session I (ICITL2020)	Allama Iqbal Auditorium

TUESDAY SEPTEMBER 29, 2020

ONLINE PAPER PRESENTATION

VENUE

PARALLEL SESSION-I	9:30-11:00 am
PARALLEL SESSION-II	11:30-1:00 pm
PARALLEL SESSION-III	1:30-3:00 pm
PARALLEL SESSION-IV	3:30-5:00 pm

V. No	Venue for all sessions	Venue Incharge(s)	Google Meet Link
1.	Department of Education(M)	Dr. Shazia Naureen Dr. Sh. Tariq Mehmood	meet.google.com/qig-swnw-bkk code: qig-swnw-bkk

2.	FSL Seminar Room	Dr. Zarina Akhtar Ms. Rabia Mumtaz	meet.google.com/dtc-jtzg-rcw code: dtc-jtzg-rcw
3.	FSS Seminar Room	Dr. Munazza Mahmood Ms. Memoona Bibi	meet.google.com/hhf-ttep-rqc hhf-ttep-rqc
4.	Media Lab	Dr. Nasir Khan Ms. Sumaira Batool	meet.google.com/tvw-kzvs-txr code: tvw-kzvs-txr

Closing ceremony

3rd ICITL -2020

1st OCTOBER 2020

Allama Iqbal Auditorium, Faisal Masjid Campus IIUI

Google Meet Link: <https://meet.google.com/zcj-pbsg-ojz> [code: zcj-pbsg-ojz]

Time	Event	Venue
8:30am – 9:45am	Guest Seating	Allama Iqbal Auditorium
10:00 –11:10 am	<i>Keynote Speeches ICITL (20 Min Each)</i>	
10:00 –10:20 am	1) Prof. Dr. Nasir Mehmood, AIOU, Islamabad	
10:25 –10:45 am	2) Dr. Yeliena Prokhorova, Kyiv National Economic University, Ukraine	
10:50 –11:10 am	3) Dr. Leele Susana Binti Haji Jamian, Universiti Teknologi MARA, Malaysia	
12:45-1:50pm	Lunch & Prayer Break	Outside Hall
2:00pm	<i>Closing Session</i> <u>Report of Conference by:</u> Dr. Shamsa Aziz, ICITL Chair Dr. Muhammad Munir Kayani, ICDEEL Chair <u>Address by:</u> Worthy President, IIUI Worthy Rector, IIUI Vote of Thanks (Prof. Dr. Samina Malik, Dean FSS) Remarks of the Vice President (Prof. Dr. N. B. Jumani)	Allama Iqbal Auditorium
3:30pm	Refreshment	Outside Hall

OPENING CEREMONY

The opening ceremony of 4 days International Conference on Innovation in Teaching and Learning was held at Faisal Masjid Campus of International Islamic University Islamabad on Monday September 28, 2020.

Vice President was chief guest on the behalf of President of International Islamic University Islamabad. The opening ceremony was also attended by the senior faculty member of the department, also faculty members of other departments, sister institutions and a large number of students.

Following speakers had graced the opening ceremony by their speeches:

Welcome Remarks by

- Dean, Faculty of Social Sciences, International Islamic University Islamabad, Prof. Dr. Samina Malik.
- Patron Of Conference & Vice President, International Islamic University Islamabad, Prof. Dr. Nabi Bux Jumani.
- Focal Person / Chairperson, Department of Education (Female Campus), International Islamic University Islamabad, Dr. Shamsa Aziz.

PROF. DR. SAMINA MALIK:

Dr. Samina Malik delivered a welcome address in which she elaborated the aims objectives and of the conference. “The conference will provide an opportunity to the young researchers and educationists to set their future directions by becoming part of this inspiring and enlightening experience” she said. She shed light on the importance of innovation and teaching in learning and also portrayed the nature of department’s scope with advent of distance education that she said has become more vital in the global pandemic landscape. She thanked national and international speakers with for active participation and hoped that the conference will result in best recommendations on the discussed theme.

PROF. DR. NABI BUX JUMANI:

Prof. Dr. Nabi Bux Jumani appreciated the role of IIUI’s education department at national and international forums terming it as country’s one of the most recognized and professional departments. He told that department is among top 5 departments across the country having X category. He also apprised about the department’s two journals on innovation and e learning and distance education adding that both of those have been international hailed and recognized.

The IIUI Vice President also discussed the global landscape with the view of pandemic, saying that the circumstances have doubled the importance of distance education and E-learning. He said Pakistan has a bright future in the field of education as nation’s vision is evident since it has established Open University in 1970s. He also stressed upon importance of indigenous publications saying that the country has enough potential to deal with the scarcity of indigenous publication.

DR. SHAMSA AZIZ:

Dr. Shamsa Aziz greeted all and welcomed on the behalf of Education department, thanked all who were present in face to face and online mode Vice President, Deans, faculty members, students, participants academic and non-academic and key notes speakers. Thanked all her colleagues both academic and non-academic staff for their day and night efforts to bring this day into reality. She also appreciated and regards to the senior professor's for their guidance. She gave special thanks to Dr. Samina Malik and Dr. Nabi Bux Jumani.

Conference Keynote Speeches

FROM VIOLENCE TO NONVIOLENCE: EDUCATING FOR A SUSTAINABLE WORLD

Lester R. Kurtz

George Mason University

Prof. Lester discussed about the coronavirus pandemic has created a window of opportunity for transforming our global village. Either it will be reshaped by the world's economic and political elites to enhance their profits or humanity will mobilize to create the world we want where "justice flows down like waters," as Dr. Martin Luther King, Jr. insisted (quoting the Psalmist from thousands of years before him). We must educate ourselves and our youth for the short run, and our children for the long run. We already know the desired outcome: a nonviolent world full of mutual respect, wellbeing and health for all, dignity and basic needs for all humans, and respect for the environment and all creatures with which we share the planet.

Following Mahatma Gandhi's nonviolent model of resistance of unjust systems, on the one hand, and construction of our desired society on the other, we need to develop ways of educating ourselves that prepare us for the future. Gandhi followed three steps that draw on the spiritual wisdom of the past and mindfulness of the present: listen, analyze, and mobilize.

First, deep listening involves combining ancient indigenous and spiritual wisdoms with modern scientific methods to discern grievances and structural patterns of violence. We then analyze their causes and consequences, identifying different types of violence (direct, structural, and cultural as Johan Galtung suggests, as well as eco violence). Finally, we frame our analysis and possible solutions in a way that mobilizes people to act, drawing upon people power as a counter to the power elite, channeling human and natural resources to build a sustainable world.

COLLABORATION IN EDUCATION DURING A PANDEMIC: EXPLORING UNIVERSITY PARTNERSHIPS AND DISTANCE EDUCATION IN THE U.S. AND SOUTH ASIA

David J. Roof

Ball State University

David J. Roof discussed about that his presentation will examine university partnerships between the U.S. and South Asia, using data collected over the past two years from a project involving Ball

State University and faculty from Afghanistan. The primary objective is to share some lessons learned, and thoughts on the future of university partnerships following the pandemic. He said their research indicates that university partnerships can enhance educational opportunity and promote curriculum reform, gender equity, and other forms of social development. Unfortunately, the current status of international partnerships in education appears uncertain at this time. This presentation will consider the impact of this uncertainty and the path forward. The second part of the presentation will consider some of the recent lessons learned about distance learning during the pandemic in the U.S. and South Asia. To bridge these two topics, the presentation will cover the potential for university partnerships to help overcome the barriers to effective distance education.

PEDAGOGICAL CONTEXT OF TRANSFORMING TO ONLINE TEACHING

Nasir Mahmood, PhD Professor of Education

Allama Iqbal Open University Islamabad

Prof. Dr. Nasir Mahmood debate on campus less universities /virtual universities is around for more than a decade now. COVID 19 has played the role of a catalyst in providing impetus and necessity of online higher education as new normal for the years to come. Academia across the world is focused on making online education viable sustained option as mode of education at least equally credible, if not more, in comparison to Face-to-Face education. COVID has forced institution/faculty to transform existing Face-to-Face programs to online programs with whatever option and capability universities had at this point of time. Now, we have experienced the online teaching in one or other form through using varied platforms and faculty has fair understanding of challenges and opportunities facing us in formalizing online education.

The challenges range from planning of programs to development of courses, instructional issues, authentic assessment of student learning, student participation; IT related hardware and software challenges, recognition of online education at par with Face-to-Face education, etc. Relevant forum from government level to HEIs are all working on sorting out issues related to them. This presentation is only focused on transformation of teachers required to teach in an online classroom who were previously teaching in Face-to-Face classroom. There are 10 simple principles supportive for teachers to transform themselves into online teachers. They include easy to do practices like Show up to class, be yourself, put yourself in their shoes, organize course content institutively, add visual appeal, explain your expectations, scaffold learning activities, provide examples, make class an inviting and pleasant place to be, and commit to continuous improvement to become effective online teacher.

EDUCATIONAL TECHNOLOGIES IN ECONOMIC UNIVERSITY: KNEU EXPERIENCE

(KYIV NATIONAL ECONOMIC UNIVERSITY NAMED AFTER VADYMYR HETMAN,
UKRAINE)

Yeliena Prokhorova

Associate Professor, Management Department

Kyiv National Economic University named after Vadym Hetman,

Ukraine yeliena.prokhorova@kneu.ua

Dr. Yeliena provided information about KNEU mission and structure is presented and Educational technologies, which are used for different courses at different levels of education, are described. Distance and blended learning technologies before Covid 19 at the University application. Students' response for distance learning implementation from March 2020 according to the interview is analyzed. Distance learning prospects with Covid 19 are outlined.

**INNOVATIVE LEADERSHIP: DECISION MAKING STYLES. STRATEGIES 2.0 AND 3.0
FRAMEWORKS FOR THE 21ST CENTURY SUSTAINABLE LEADERSHIP AMONGST
DEANS AND ACADEMIC LEADERS IN HIGHER EDUCATION**

Dr. Leele Susana Binti Haji Jamian

Faculty of Education, Universiti Teknologi MARA Malaysia, UiTM

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Dr. Leele Susana discussed about in the current rapid world of uncertainty, change and Covid19 Pandemic, a more vibrant leadership amongst deans and academic leaders in the area of decision making is highly needed to administer and lead academic challenges at the institutions of higher education (IHE). Numerous past studies revealed that managerial decision-making related area is one of the hidden factors which contributes to the success of both managers/leaders and their organizations. Using Phd research findings on Decision Making Styles Inventory (DMSI) developed by Rowe and Boulgarides (1992) as the groundwork, this paper / plenary session aims to present the deans' DMSI and propose innovative decision making styles strategy frameworks for a sustainable leadership amongst deans and academic leaders both in Malaysia and global IHE. Findings from a quantitative method utilizing descriptive research design were employed involving a total of 54 deans from four Malaysian public universities. Data collected via a set of questionnaires using the survey method was analyzed and the scores derived from DMSI were categorized into four basic decision styles namely; directive, behavioural, analytical and conceptual (Rowe and Boulgarides, 1992). Findings revealed that the majority of deans scored the very dominant and dominant Behavioural decision style intensity instead of the other three styles. In view of these rigorous empirical findings, a proposed innovation on leadership from decision making styles angle is hoped to be a guideline for future deans and academic leaders' best practices towards an improved organization in the ever changing and unpredictable global environment. Thus, a humble innovative leadership design on Decision Making Styles; consisting of both strategies of 2.0 and 3.0 frameworks discussing on the balance of the cosmos and digital leadership for a sustainable 21st century leadership in higher education are shared for the betterment of the global ummah.

PAPER PRESENTATION SESSION I (ICITL-2020):

1.

LIFE SKILLS EDUCATION FOR K-12 SCHOOL STUDENTS: A PERCEPTION OF TEACHERS

Fatima Maqsood, PhD Scholar

Department of Education, FSS, IIUI

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Ms. Fatima Maqsood discussed life skills education is considered extremely important in every one's life which equips them with problem solving behavior to manage all personal affairs and tackle difficult life situations. The key purpose of this investigation was to explore the teachers' perception regarding the essential life skills for K-12 school students and to identify the difference in the opinions of private and public school teachers about essential life skills for k-12 school students. This study was quantitative and descriptive in nature. Data were collected from 390 randomly selected teachers through self-developed questionnaire that was pilot tested and 0.82 Cronbach's Alpha reliability coefficient was found which indicated the appropriateness of the questionnaire for further use. Data were analyzed via calculating mean scores and independent t test. The results of the study illustrated that all of teachers possess very positive perception about every component of life skills for students but all of them emphasized significantly on coping and self-management skill which is related to personal and emotional aspects of their personality. A slight difference was perceived regarding the overall perception of male and female teachers. It was also observed that private school teachers have stronger perception about the overall life skills for their students as compared to the public school teachers.

2.

A STUDY ON E-LEARNING EDUCATION DURING COVID 19

Sumaira Batool, TRA

Department of Education, IIUI

Ms. Sumaira Batool discussed that Most of the institutes were still depending on the traditional teaching approach that is face to face teaching and learning. But during Covid 19 pandemic all educational institutions got close temporarily in almost all the countries of the world and introduced with new mode of teaching that is known as eLearning. Due to lockdown the traditional mode of teaching and learning was replaced with online learning. The major objective of the current research study is to assess the development of eLearning during Covid 19 pandemic and to recommend some best practices for eLearning. Through the development of different applications such as Zoom that make video chats, online conferencing and live meetings easy and possible also make teaching and learning more effective. The present study was descriptive in

nature. Meta analysis was done by using secondary data for present research study. The results indicated that eLearning plays very significant role during COVID19 pandemic and it would be more useful in coming years with the development of technology. It is recommended that for the development of eLearning and to make teaching learning process more effective and efficient innovation in technology is dire need of present day to avoid tensions and fears and also focused on eLearning that is cheaper and accessible to everyone.

3.

COMPARISON OF TEACHERS' TECHNOLOGICAL PEDAGOGICAL AND CONTENT KNOWLEDGE (TPACK) AT SECONDARY LEVEL

Humaira Akram, TRA Education/ PhD Scholar

DoE, IIUI

humaira.phdedu95@iiu.edu.pk

Prof. Dr. Samina Malik

Prof. Dr. N. B. Jumani

She highlighted the emerging trends in 21st century education have transformed the whole scenario of pedagogy. Therefore, this paradigm shift demands technological knowledge and expertise from teachers along with pedagogical content knowledge. The central theme of this study is based on an emerging interdisciplinary framework for teacher's knowledge regarding technology integration called technological, pedagogical and content knowledge (TPACK).

This framework is based on Lee Shulman's construct of pedagogical content knowledge to include technology knowledge. The objective of this study included to; compare technological pedagogical and content knowledge

(TPACK) constructs of computer science teachers at public and private schools.

This study has followed quantitative research approach. The target population was comprised of all computer science teachers working at public & private secondary schools located in the urban area of Islamabad. Using proportionate stratified random sampling technique, 32 computer science teachers (from public schools) and 40 computer science teachers (from private schools) were selected as sample of study. Data were collected using a self-developed questionnaire.

Data analysis was conducted using descriptive & inferential statistics. Results of the study indicated a significant difference between public and private CS teachers about TK, CK, PK, PCK, TPK however, non-significant difference in the case of TCK and TPACK.

4.

**APPLICATION OF GAGNE’S NINE EVENTS OF INSTRUCTION FOR DEVELOPING
INSTRUCTIONAL MODULES FOR PROSPECTIVE TEACHERS AT
UNDERGRADUATE LEVEL**

Alina Raza, Teaching/Research Associate

Department of Education IIUI

alina.raza@iiu.edu.pk

Ms. Alina Raza highlighted that Gagne (2005) described nine specific internal processes that occur when a person is engaged in learning. It also explains how teacher can support these processes through steps called the events of instruction. The present study aimed at developing instructional modules for a course titled Teaching and Learning Strategies using Gagne’s Nine Events of Instruction as basis for content development of module. Prospective teachers of BS Education 7th semester has been taken as the sample of the study. It is meant to explore new dimensions for teachers to apply Gagne’s Nine Events of Instruction in the course development.

The instructional strategies as well as the assessment strategies were also designed according to the Gagne’s events of instruction. The course structure was designed in the form of modules where each module was divided in many units.

As a result, a detailed course plan was devised having course title, module titles (with unit-wise division along with the objectives) and instructional procedure.

Finally, an implementation plan was prepared to ensure the smooth implementation of the instructional modules/courseware. It is concluded that the revision and up gradation of courses keeping in view learning and instructional design theories is very important to meet the upcoming demands of the teaching profession.

ONLINE PRESENTATION

Tuesday, September 29, 2020

Parallel Session I (9:30 – 11:00)

SESSION CHAIR: 1

DR. SHAZIA NAUREEN & DR. SHEIKH TARIQ MEHMOOD

S. No	Paper Id	Name Of Presenter	Title Of The Paper	Theme	Significant Findings	Significant Recommendations
1.	013	Dr. Maroof Bin Rauf, Assistant Professor Dept. of Education, University of Karachi maro_of@yahoo.com	Evaluation Of Learning, Not Memorization	Innovations In Education	Students have taken keen interest in the newly design exams.	The student have shown keen interest in the newly design exam and they learn more through it so may be introduce as part of the evaluation system at university level.
2.	015	Dr. Umar Khitab, Subject Specialist in Chemistry Education Department K.P.K ukhitab5@yahoo.com	Higher Secondary School Teachers Perception About Andragogy And Professional Development	Innovations in Education	Results indicated that although the teachers perceive professional development as a tool but still more improvement is required to increase its effectiveness	This study may contribute to provide enhancement of the students' academic performance
3.	032	Kainat, MPhil Scholar Department of Humanities Education & Psychology, Air University Islamabad kainatbatool1742gmail.com Dr. Sohaib Sultan, Assistant Professor Department of Humanities, Education and Psychology, Air University	Comparative Study Of The Perception Of Teachers And Students Regarding Live Streaming Classrooms During Pandemic 2020	Innovation in Education	Students were not self-motivated and to maintain discipline in live sessions is very difficult for teachers as well. Technical issues had made class boring, cause the cognitive exertion and become time consuming. The subjects like science mathematics and	Research recommended that teachers should trained for these techniques, advance applications should design by government for online learning, interactive discussion is the best way to engage learners in live streaming so discussion method should use and

		Islamabad sohaib.sultan@ymail.com			engineering cannot teach properly Learners can engage through video conferencing and interactive discussion.	video conferencing should be preferred.
4.	046	Abdul Karim Suhag, Lecturer Department of Education/SMIU aksuhag@smiu.edu.pk Hina Hameed, MS Scholar Department of Education/SZABIST Zeenat Erum, MS Scholar Department of Education/SMIU zeenaterumkolachi@gmail.com Ushaque Ahmed, MS Scholar Department of Education/SZABIST	Role Of Technical Education On Students' Careers: An Analytical Study Of Sukkur Region	Innovations in Education	This study is to found out the role of technical education towards students' careers.	It is recommended that Government should initiate policy and training programs for teachers and students' career development. The concerned authority should introduce internship programs for students' better understanding of theoretical work in to practical work.
5.	063	Sehresh Tariq, MS Scholar Department of Education, IIUI Sehrishchohan21@gmail.com	Role And Responsibilities Of Cooperating Teachers In Supervising Students During Internship	Innovations in education	Findings of this study were mostly responses of the respondents were directed about Professional Training.	The university needs to raise the standards for both cooperating teachers and student teachers.

SESSION CHAIR: 2

DR ZARINA AKHTAR & MS. RABIA MUMTAZ

S. No	Paper Id	Name Of Presenter	Title Of The Paper	Theme	Significant Findings	Significant Recommendations
1.	097	Shumaila Ahmad, Lecturer	The Pedagogic Implications	Innovations in Education	The findings shows that difference in the	It will be helpful to justify the view that meanings change from

		Department of Linguistics and Communications Institute of Liberal Arts University of Management and Technology Munza ejaz Sidra Haroon	Of Emojis In The Digitized System Of Education		opinion/ interpretation of same emojis by different participants. It is also expected that difference in gender will also affect the interpretation of meaning.	culture to culture, gender to gender and even in same gender as well.
2.	102	Munawwar Hussain Qureshi, Lecturer Mirpur University of Science & Technology (MUST) Mirpur AJ&K. munawwar.edu@must.edu.pk Prof. Dr. NB Jumani, Professor International Islamic University Islamabad Mahnoor Taj, Research Scholar Mirpur University of Science & Technology (MUST) Mirpur AJ&K.	Blended Learning Approach For Teacher's Professional Development: MOOCs As It's Alternative In AJ&K	Innovations in Education	This paper highlighted all those aspects and opportunities to explore. Other assumption is that being MOOCs-based trainee, it will be easy to adapt it to different cultures and languages.	This study examined that whether MOOCs can be an alternative and best possible solution for the Continuous Professional Development of teachers of AJK when there is lack of CPD opportunities. Nowadays MOOCs are on hype for educational systems, being one of the most discussed and debated university/academia/ higher education topics.
3.	116	Dr. Farrukh Idrees, Director QEC QEC/FAST National University of Computer & Emerging Sciences Farrukh.idrees@nu.edu.pk	Measuring Quality Through Program Objectives- A Case Study Of Fast-National University	Innovation in Education	The paper provides insight for future evaluation of higher education learning environment by linking employers and alumni perception of quality with the starting salaries.	More rigorous quantitative techniques e.g. design of experiments, multifactor analysis, and multiple regression etc. may be used to triangulate the findings. Further, enhancement in sample size may facilitate in generalizing the findings of the study.

4.	127	<p>Quratulain Azhar, Research Scholar Quratulainsaqib96@gmail.com Mirpur University of Science & Technology (MUST) Mirpur AJ&K. Munawwar Hussain Qureshi, Lecturer Auneeda Ayoub, Research scholar</p>	<p>Role Of National Testing System (NTS) For Improving The Teaching Skills Of Primary School Teachers In Pakistan</p>	<p>Innovations in Teaching & Learning</p>	<p>Results showed that teaching staff that was hired by NTS was bestowed with the various improved teaching skills such as highest moral characters, creation of safe and ethical teaching environment, building a positive relationship with the students, guiding them through their career path and nurturing and full command over super communicative skill etc.</p>	<p>Our current study is highly significant for critically evaluating the role of National Testing System (NTS) for improving the teaching skills of primary school teachers in Pakistan as well as opening a new window for new comers to devise further research for developing most proximal approach to improve the teaching skills of Pakistani teachers.</p>
5.	058	<p>Aisha Shams, PhD Scholar Department of education, FJWU aishashams89@gmail.com Dr. Salma Nazar Khan, Assistant Professor Department of education, FJWU snkhan@fjwu.edu.pk</p>	<p>Uniform System Of Education For Pakistan: A Thematic Analysis</p>	<p>Education for Sustainable Development</p>	<p>For coping with the global changes in the 21st century a positive outlook is essential at the individual, national, and international levels. We have already the baseline in the form of policies but still need co- operation, sincerity, and valuing others as part of the nation</p>	<p>The administration's attention needs to be on the commercial school network and the separated democratic society actions, the government already has a variety of goals and procedures but just needs the financial tools and realistic measures.</p>

SESSION CHAIR: 3

DR. MUNAZZA MAHMOOD & MS. MEMOONA BIBI

S. No	Paper Id	Name Of Presenter	Title Of The Paper	Theme	Significant Findings	Significant Recommendations
1.	024	<p>Fozia Fatima, Assistant professor Department of Humanities, Education & Psychology, Air University, Islamabad Fatima.fozia@mail.u.edu.pk</p> <p>Gullfareen Fakhar, Scholar Department of Education, IIUI Gullfareenfakhar@gmail.com</p> <p>Amna Sarfraz, Scholar Department of Education, IIUI Amnasarfraz@gmail.com</p> <p>Mehwish Riaz, Scholar Department of Education, IIUI Mehwishriaz550@gmail.com</p>	Role Of Teachers In Personality Development Of Students At Secondary Level	Education for Sustainable Development	It was found that relationship between teacher roles and student personality development is significant.	The researcher recommended that the role of teacher in personality development of student at secondary level needs to be investigated at broader sample.
2.	025	<p>Rukhsana Sharif M Phil Scholar Department of Education NUML Rukhsanasharif 362@gmail.com</p> <p>Dr Shazia Zamir, Assistant Professor Department of Education NUML szamir@numl.edu.pk</p>	A Gender Based Analysis Of Work Life Balance Of Teachers At University Level	Learning and Teaching for Sustainable Development	It was found that work life balance among university teachers was not up to satisfactory level. It was found that no significant gender-based difference was found regarding work life balance among university teachers.	It is suggested that seminars and training may be conducted in order to educate the employees that how they can balance their work and family life. It is also recommended that high authorities may offer some free of cost workshops and organize other programs to improve the confidence and

						performance level of university teachers.
3.	030	<p>Saba Tariq, MPhil Scholar Department of Humanities, Education and Psychology, Air University Islamabad sabakamran10@yahoo.com</p> <p>Dr. Sohaib Sultan, Assistant Professor Department of Humanities, Education and Psychology, Air University Islamabad sohaib.sultan@ymail.com</p> <p>Maham Siddique, MPhil Scholar Department of Humanities, Education and Psychology, Air University Islamabad maham.siddique95@gmail.com</p>	Comparison Of Environmental Education And Practices In Canada, Turkey & Pakistan At Primary Level: A Content Analysis	Education for Sustainable Development	<p>A close content analysis of the inscribed curriculum of the mentioned countries revealed that Canada has taken significant steps to incorporate the elements of environmental awareness as part of their current curricula at the primary level of education and was leading in creating awareness about problems and their solution among children regarding concepts of, waste management, littering and sustainability. Topics related to awareness about reduce; recycle, reuse and ecosystems were found to be a vital part of environmental science and practices at the primary level in Turkey. Exploring climate change and environmental</p>	<p>It is recommended that the practical activities for environmental education were determined to be a relatively low level in Pakistan as an environmental curriculum as its initial stages in the country. Incorporating environmental projects with the help of national and international organizations in Pakistan would benefit the cause to a great extent as they have constructively achieved the awareness targets in education sector in Turkey and Canada.</p>

					aspects is part of the science curriculum at the primary level in Pakistan.	
4.	051	Ms. Bushra, M.Phil. Scholar National University of Modern Languages H-9, Islamabad Bushrakhalid278@gmail.com	The Relationship Between Social Behavior And Academic Performance Of Students At Secondary School Level	Education for Sustainable Development	The result of this study showed that boys have more aggressive behavior as compared to girls. It has also indicated that girls have more altruism (Pro- social) behavior as compared to the boys. It also shows that girls have more cooperative behavior as compared to boys.	The researcher recommended that praising and rewards might play an important role in managing aggressive behavior and improving the academic performance of the students.
5.	086	Dr. Samina Ashraf Assistant Professor Department of Special Education, University of the Punjab Lahore samina.dse@pu.edu.pk Dr. Ghulam Fatima, Associate professor IER, University of the Punjab, Lahore. Dr. Rukhsana Bashir, Assistant Professor Department of Special Education, University of the Punjab Lahore	ICT Educational Tools Deployed For Students With Visual Impairment : Schools' Scenario	Teaching and Learning in Digital world	The results have shown limited deployment of ICT educational tools by the teachers of students with visual impairment. Moreover, use of computer technology was the most common ICT used by the teachers of visually impaired children. The Kruskal-Wallis test showed no difference between the uses	It was recommended the use of latest and advanced ICT educational tools by the teachers of students with visual impairment

					of ICT educational tools by the teachers of different schools.	
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SESSION CHAIR: 4

Dr. NASIR KHAN & MS SUMAIRA BATOOL

S. No	Paper Id	Name Of Presenter	Title Of The Paper	Theme	Significant Findings	Significant Recommendations
1.	052	<p>Miss Fatima Majeed, M.Phil Scholar Department of Education, KUST, Kohat fatimashah655@yahoo.com</p> <p>Mrs. Bilques Begum, M.Phil Scholar Department of Education, KUST, Kohat bilquesbegum657@gmail.com</p> <p>Dr. Ishtiaq Hussain, Chairman Department of Education & Psychology, KUST, Kohat dr.ishtiaq@kust.edu.pk</p> <p>Mr. Sarfraz Ahmad, Ph.D Scholar Department of Education & Psychology, KUST, Kohat sarfraz.ahmad@kust.edu.pk</p>	Analysis Of The Textbook With Reference To Bloom's Taxonomy At Higher Secondary Level In Khyber Pakhtunkhwa (KPK)	Education for Sustainable Development	The result indicated that greater emphasis was given on to the first two levels of lower order thinking which knowledge is and comprehension, while the application, analysis synthesis and evaluation are least focused	It was recommended to the policymakers of education, syllabus designer, and Textbook developers that contents may be revised and their level of difficulty may be increased to attain higher-order skills into the students of Khyber Pakhtunkhwa.
2.	055	Bakht Jamal, PhD Researcher Department of Education,	Investigation Of Physical And Psychosocial	Education for Sustainable Development	It was found that students are assigned heavy homework and don't get proper	It was recommended that the government should improve the physical infrastructure of the schools as well

		International Islamic University Islamabad bakht.phdedu155@iiu.edu.pk	Environment Of Government Schools: Measuring Of Students Supportive Learning		feedback. Furthermore, the schools are sufficient resources but these resources are not properly used to enhance the students learning	as focused on the psychological and social well-being of the students while conducting pre and in-service training of the teachers.
3.	061	Dr. Rukhsana Durrani, Lecturer Elementary teacher & early childhood education department/AIOU rukhsana.durrani@aiou.edu.pk	Education For Sustainable Development And Pre-Service Teacher Education - A Proposed Model	Education for Sustainable Development		The findings of the research reflected that the components of Education for Sustainable Development may need to be included in the courses of pre-service teacher education (B.Ed. 4-year elementary program).
4.	067	Amna Jabeen, Scholar Department of Education (IIUI) amnajabeen5050@gmail.com	Facilitating Factors And Barriers Of Technological Innovations In Education Field Of Pakistan	Education for Sustainable Development	Findings of study show that technological innovations can influence the learning process positively as well as negatively. It was found that if we bring technologies in educational institutions, the things can be changed. It highlighted that proper training is needed about the use of technology. It indicates that important advances have been made to overcome the	It recommend that trainings sessions should be arranged for teachers and learners to trained them about the use of technology.

					external barriers to technology integration.	
5.	115	Dr. Misbah Malik, Assistant Professor Institute of Education and Research, University of the Punjab Lahore misbah.ier@pu.edu.pk Dr. Sumaira Munawar, Assistant Professor, Lahore Leads University, Lahore Dr. Khadija Sittar Assistant Professor Lahore Leads University	Sustainable Development Goals: Effectiveness Of Current National Curriculum In Articulating Awareness Among Graduates For The Attainment	Education for Sustainable Development	It shows that current curriculum is not effective to articulate awareness and motivation in graduates to contribute to the attainment of SDGs.	It is recommended to put forth a focus on providing awareness and articulating motivation in students to partake in the attainment of SDGs.

Parallel Session-II (11:30- 1:00 pm)

SESSION CHAIR: 1

DR. SHAZIA NAUREEN & DR. SH TARIQ MEHMOOD

S. No	Paper Id	Name Of Presenter	Title Of The Paper	Theme	Significant Findings	Significant Recommendations
1.	081	Fatima Hasan, Teaching and Research Fellow Information Technology University, Lahore fatima.hasan@itu.edu.pk Sameen Motahhir, Assistant Professor English Information Technology University, Lahore sameen.motahhir@itu.edu.pk	How SARS-COV-2 Aided UNDP's Sustainable Goals Of 2030 In Pakistan	Education for Sustainable Development	The research design incorporates the problems that ensued during the Lockdown	This paper contests the role women play in sustainable development and the way forward in particular. Sars-Cov-2 facilitated the sustainable goals of 2030 by UNDP, and created a platform for digital autonomy in education, but also initiated a need for more transparency in education.

2.	088	Dr Shamsa Aziz, Associate Professor Department of Education, IIUI shamsa.aziz@iiu.edu.pk Sadia Bano, MS Scholar Department of Education, IIUI Nida_Sadia@yahoo.com	Implementa tion Of Total Quality Managemen t Principles In Teaching And Learning Process	Education for Sustainable Development	Result of the study showed that TQM principles are being implementing in teaching and learning process at higher education institutions. Above 50% of the selected sample agreed that implementation of the TQM principles enhance their overall performance and leads to better achievement of quality in classroom	It is recommended that TQM principle may be utilize in teaching and learning process for quality achievement. Other TQM principles may also be study and explore for the quality enhancement of teaching and learning process in classroom.
3.	110	Omer Shujat Bhatti, Research Associate Dept. of ED, H & NS, AIOU.	Gap Identificatio n For Sustainable Education In Environmen tal Sciences; Evaluating Green Buildings Perception Among Environmen tal And Non- Environmen tal Background Students In Universities Of Islamabad	Education for Sustainable Development	It is strongly proposed that sustainability, sustainable development and concepts related to energy efficient buildings and sensitization of students and future generation is still significant and primarily missing in the academic context.	These should become part of the curriculum at multiple scales & levels and help future generation adopt better to challenges of environment including pandemics, climate change, global warming, etc to develop resilience for better life.

4.	138	Nazia Iqbal Nazia.iqbal@iiu.edu.pk Sara Ghazanfer	Perceived Effect Of Bullying Behavior On Cognitive And Family Functioning Of The Bully Adolescents	Education for Sustainable Development	Results also showed that family functioning has positive association with cognitive functioning of bully adolescents. Results of t- test showed that male adolescents scored higher than female participants on bullying behavior.	It was assumed that participants of government institutions were more involved in bullying behavior than participants of private institutions and adolescents of nuclear and joint families have no significant difference on bullying behavior and cognitive and family functioning.
5.	066	Sehresh tariq, MS Scholar Department of Education, IIUI Sehrishchohan21@gmail.com	Impact Of Parental Involvement On Their Academic Performance Of The Student At Elementary School	Education for sustainable development	The study were that the parents had a significant role in student's studies, teachers found a difference among the children having parental involvement in their studies and those children who did not have any parental involvement in their studies.	The major recommendations of the study were the teachers should continue to emphasize that parents are partner of the school and their involvement is needed and valued, and the parents should develop a relationship with teachers who work with their children.

SESSION CHAIR: 2

DR ZARINA AKHTAR & MS. RABIA MUMTAZ

S. No	Paper Id	Name Of Presenter	Title Of The Paper	Theme	Significant Findings	Significant Recommendations
1.	010	Yousaf Khan, Principal Elementary & Secondary Education, KP	Exploring The Quality Of Higher	Teaching and learning in a Digital Word	Quality is a major concern in higher education.	ICT-integrated higher education can add value and provide

		Mingora, Pakistan uswat@hotmail.com	Education In The Covid-19 Pandemic Scenario Of Pakistan			quality to education in all disciplines and that the boundaries of Higher Education in Virtual Learning Environment Frameworks could be removed between face to face and distance education and thus making Higher Education open and flexible for all; especially, in the scenario of covid-19 pandemic in Pakistan.
2.	014	Ms. Nida Shahzad, MPhil Scholar National University of Modern Languages, H-9, Islamabad nidashahzad61@gmail.com Dr Wajeeha Aurangzeb, Assistant Professor (Education) National University of Modern Languages, H-9, Islamabad waurangzeb@numl.edu.pk	Online Learning In Higher Education In The Backdrop Of Covid- 19: Pakistani Students' Perspectives	Teaching & Learning in a Digital World	It was found that university management may reconsider the adoption of online learning mode and provide sequential trainings to teachers for its successful adoption.	It is recommended that students, teachers and management at higher education level may join hands to collaborate for online classes in this hour of educational crisis so that minimum loss occurs in this milieu.
3.	031	Maham Siddique, Mphil Scholar Department of Humanities, Education and Psychology, Air University Islamabad maham.siddique95@gmail.com	Investigation Of The Parameters Of Successful Execution Of The E- Learning Program	Teaching and Learning in a Digital World	E-learning is successful at university level.	E-Learning is recommended as a parameter of successful learning during COVID-19.

		Dr. Sohaib Sultan, Assistant Professor Department of Humanities, Education and Psychology, Air University Islamabad sohaib.sultan@ymail.com Saba Tariq, MPhil Scholar Department of Humanities, Education and Psychology, Air University Islamabad sabakamran10@yahoo.com	During Covid-19 At University Level In Islamabad & Rawalpindi			
4.	033	Ghazala Bahadur, Ph.D Scholar Department of education, International Islamic University, Islamabad kghazala12@yahoo.com Dr. Zarina Akhtar, Assistant Professor Department of education, International Islamic University, Islamabad zarina.akhtar@iiu.edu.pk	Benefits Of Flipped Class-Room Model: A Meta- Analysis	Teaching and learning in a digital world	Student in flipped Classroom were very active and academically better performer.	Flipped classroom is strongly recommended at school level.
5.	038	Kishwar Sultana, MS. Scholar Department of education, International Islamic University, Islamabad. kishwar1341@gmail.com	Use Of Digital Library And Its Effects On Student's Achievement	Teaching and learning in a digital world	The major findings were: According to mean score (2.4) use of digital libraries effects greatly on academic achievements and	The digital libraries are main source of information and research, the universities may equip with proper instructional tools, high speed internet and

		Dr. Zarina Akhtar, Assistant Professor Department of education, International Islamic University, Islamabad zarina.akhtar@iiu.edu.pk			satisfactory effect on students results (2.34). The mean score (2.21) indicates digital libraries are good at providing authorized and first-hand information	proper space according to strength.
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SESSION CHAIR: 3

DR. MUNAZZA MAHMOOD & MS. MEMOONA BIBI

S. No	Paper Id	Name Of Presenter	Title Of The Paper	Theme	Significant Findings	Significant Recommendations
1	043	Palwasha Ashraf, Mphil Scholar Department of Humanities, Education and Psychology, Faculty of Social Sciences, Air University, Islamabad palwashaashraf897@gmail.com Dr. Sohaib sultan, Assistant Professor Department of Humanities, Education and Psychology, Faculty of Social Sciences, Air University, Islamabad sohaib.sultan@students.au.edu.pk Dr. Sadaf Zamir, Assistant Professor Department of Humanities, Education and	Investigation In The Relationship Between Principals' Leadership Styles And Job Satisfaction Level Of Secondary School Teachers In Islamabad	Teaching and Learning in a Digital World	There is no relationship between principal leadership style and job satisfaction level of secondary school teachers in Islamabad.	It is recommended that principal leadership style and job satisfaction may be researched out at other level.

		Psychology, Faculty of Social Sciences, Air University, Islamabad sadaf.zamir@yahoo.com Hajrah Bibi, Mphil Scholar Department of Humanities, Education and Psychology, Faculty of Social Sciences, Air University, Islamabad Hajrahhusnain@gmail.com				
2	044	Miss Taseer Rehman Soomro, Lecturer Federal college of Education, H9- Islamabad taseerrehmansoomro@gmail.com	A Comparison Of The Teachers' Tpack Competencies Working In The Public And Private Higher Education Institutions	Teaching and Learning in a digital world	The findings showed that there was no statistically significant difference found between public and private sector university teachers' TPACK competencies.	It is suggested that university teachers' may be provided with opportunities to upgrade their technological competencies by exploring new and upgraded technologies, software's, web applications and other digital tools used worldwide for the teaching and learning process. This will also empower today's teacher to adjust with the new paradigm shift in online education.
3	045	Arooj Khalid, MPhil Scholar Education Department, NUML Islamabad ana_khalid8@yahoo.com	A Systematic Literature Review On Teaching And Learning In Digital Age At Higher	Teaching and Learning in a Digital World	The study presents a framework that will be helpful for the researchers, educators, policy makers and administrator to practice digital skill at higher	The recommendations are suggested for future studies that needed to be conducted in regard to digital world in context of different aspects like social, political and economic, demographic variation can analyzed regarding

			Education Level		education and based on current review.	digital teaching and learning, factors that are affecting e-learning and why universities are reluctant to shift to digital pedagogy and strengths and weaknesses of use of digital technology in Teaching learning process.
4	047	Dr. Sajid Ali Yousufzai, Assistant Professor Department of education; NUML Islamabad sayousuf@numl.edu.pk Aisha Shams, PhD Scholar Department of education, FJWU aishashams89@gmail.com	Challenges And Responses Of Higher Education Institutions To Align Higher Education With Covid-19 Realities: A Thematic Analysis	Teaching and Learning in a digital world	The study highlights the role of HEC in Pakistan in response to COVID-19 and their updated role in improving the online system in all the universities. It may be concluded that the outbreak of COVID-19 affects all the social and educational activities the faculty members and student's role was concluded as enthusiastic for frisking their role at individual, educational, and national levels. The main problems were found about the internet connectivity and internet equipment due to which they were found cut off	Recommendations for the improvement of online system were proposes in the light of the literature found on the website.

					from the universities. Enthusiasm was not found due to Environmental and home-related problems.	
5	050	Shafia Baber, PhD Scholar University of Education, Lahore Shafia298@gmail.com	Blended Learning Practices Of Science Teachers	Teaching and learning in a digital world	It indicate the differences in teachers' attitudes both male and female about the practices of blended learning in science classrooms. It show that there was a significant difference in teacher perceptions towards integrating ICT, especially in the group who were trained through the blended learning approach. It is indicated that as science teachers recognized the benefits of blended learning, teachers also increased their use of blended learning for instructional delivery and for student learning.	This research adds to a small literature base examining the use of blended learning in science classrooms.

SESSION CHAIR 4

Dr. NASIR KHAN & MS SUMAIRA BATOOL

S. No	Paper Id	Name Of Presenter	Title Of The Paper	Theme	Significant Findings	Significant Recommendations
1	056	Fatima M. Qasim, Phd Scholar Department of Education, IIUI fatima.phdedu147@iiu.edu.pk	Assessing Readiness Of Students On Online Learning During Covid-19 Situation	Teaching and Learning in a digital world	Students are ready for online learning during COVID-19 situation.	Support services and training may be provided to students and teachers for better online learning. It is recommended that teaching methods which promote media, literacy will be strongly recommended.
2	070	Dr. SHAMAILA HALEEM, Lecturer Islamabad Model College for Girls (Post-Graduate), G- 10/4, Islamabad shmlhaleem@yahoo.com	Teaching Strategies For Developing Media Literacy Skills	Teaching and learning in a digital world	Media is playing vital role in the lives of people across the world. Media literacy skills are required to critically analyze media, evaluate it and then produce it. These skills enhance the proficiency of students in dissemination of their ideas.	This research study is mainly relevant to the fields of education, media studies, and mass communication.
3	071	Dr. Saira Nudrat, Assistant Professor National University of Modern Languages, Islamabad snudrat@numl.edu.pk Dr. Quratul Ain Hina, Assistant Professor National University of Modern Languages, Islamabad quahina@numl.edu.pk Anum Hayat, M.Phil Scholar	Managemen t Practices Of Heads At School Level: An Exploratory Study In Private Sector	Teaching and learning in digital world	Major findings were that some principles of Fayol management theory are practiced by heads frequently, some are neglected, On the basis of heads previous experience implementation of these principles varies, in some cases highly	On the basis of these variation in results it is recommended that different performance reviews can be given to the Heads to know about their weaknesses and strengths, proper training sessions and mentoring is needed for school heads on the other hand awareness about management theories is also necessary through workshops.

		National University of Modern Languages, Islamabad			experienced people neglected those principles which are important for those who are not much experienced. Heads also varies in implementation of management principles on gender basis.	
4	093	Nadia Hussain, M.Phil Scholar Sukkur IBA University, Sukkur nadia.mphils19@iba-suk.edu.pk	Student's Achievement Through Formative Assessment Of Teachers: A Case Study Of A Public School Sukkur	Teaching and Learning in Digital world	The findings of this study show that as it is believed that all learners are different and they have their different learning needs, different levels of motivation and different attitudes about teaching and learning. Also different responses to specific classroom and instructional practices. To gain the higher academic achievement of students learning teachers must have to use variety of teaching and assessment strategies in his/her teaching and learning.	This study has implications for both teachers and learners. As teachers are seeking to progress from use of traditional approaches to innovative and interactive approaches of assessment. So the pupil can get the higher academic achievement.

5	107	Dr. Afsheen Masood, Assistant Professor Institute of Applied Psychology, University of thePunjab, Lahore Muhammad Sulman, Ph.D. Scholar University of Central Punjab, Lahore muhammadsulman81@gmail.com Dr. Rafia Rafique, Associate Professor Institute of Applied Psychology, University of the Punjab, Lahore Iqra Nazar, Lecturer Institute of Applied Psychology, University of the Punjab, Lahore	Academic Motivation, Academic Engagement And Learners' Satisfaction In On Campus Vs. Distance Education University Students	Teaching and learning in a digital world	The findings carry significant implication to unveil the factors that are likely to ensure better motivation, engagement and satisfaction in students enrolled in distance education system	These findings carry significant implications for future researchers, educationists and educational psychologists
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PARALLEL SESSION-III (1:30-3:00pm)

SESSION CHAIR: 1

DR. SHAZIA NAUREEN & DR. SH TARIQ MEHMOOD

S. No	Paper Id	Name Of Presenter	Title Of The Paper	Theme	Significant Findings	Significant Recommendations
1.	114	Nasir Ali, Graduate Iqra University, Karachi, Pakistan nasir_ali@live.com Syed Abid Ali Rizvi, Graduate Iqra University, Karachi, Pakistan s.abidalirizvi91@gmail.com Sofia Bano, PhD Scholar	Covid-19 Pandemic And Usefulness Of Online Learning: A Case Of Pakistan	Teaching and Learning in Digital World	The results showed that the usefulness of online learning during COVID- 19 has significant effect on quality of environment, quality of family cooperation, quality of	The findings of the study revealed that usefulness of the online learning has been influenced during the pandemic COVI19. However, online learning readiness had been influenced by the comfort zone of online learning that must be provided by the

		University of Karachi sofiabanoshaikh@gmail.com			instruction and quality of teacher.	universities management. Moreover, the online learning during the COVID-19 has influenced all stakeholders especially parents that how much they are serious regarding the studies of their children.
2	118	Dr. Rukhsana Bashir, Assistant Professor Department of Special Education, University of the Punjab, Lahore Dr. Samina Ashraf, Assistant Professor Department of Special Education, University of the Punjab, Lahore Dr. Ghulam Fatima, Associate Professor Institute of Education and Research, University of the Punjab, Lahore Shaista Majid, MPhil Scholar Department of Special Education, University of the Punjab, Lahore	The Effectiveness Of Digital Games In Developing Speech Of Children With Cochlear Implantation	Teaching and learning in a digital world	The study revealed that most of the children with Cochlear implantation performed “poor” in pre assessment and their speech intelligibility increased on weekly basis when researcher used digital game.	So, it is recommended that speech therapist may use attractive digital games to increase the motivation and develop speech of children with cochlear implantation.
3	120	Dr. Iqbal Naeem Dr. Iqbal Majoka Zaib U Nisa	The Role Of Audio & Video Lectures On Student Learning Skills	Teaching and Learning in a Digital World	The finding of the study is the audio & video lecturers are great tool to enhance the student learning skill, it provides the learning material access any time to students.	The recommendation of the study is to give the facilities to secondary school teachers to make audio & video lecturer records for the students to enhance their learning skills

4	130	<p>Aneela Alam, Scholar Education department Fatima Jinnah Women University, Rawalpindi, aneelaalam92@gmail.com</p> <p>Farhana Khurshid, Assistant Professor Fatima Jinnah Women University Rawalpindi farhana_edu@hotmail.com</p> <p>Tanzela Alam, PhD Scholar Fatima Jinnah Women University Rawalpindi talamkhattak@yahoo.com</p>	<p>The Implementa tion Of Flipped Classroom Idea In Pakistani Context: A Paradigm Shift</p>	Teaching and Learning in a digital World	They acknowledged the effectiveness of flipped classroom on student's performance.	If proper training and workshops are arranged for the teachers related to the flipped classroom then it will provide a better understanding regarding the implementation of flipped classroom idea. Research implications, contribution to the field and future research opportunities provided thought provoking results that will help to improve the situation of ICT and especially Blended learning in Pakistan.
48	132	<p>Bilal Ahmed, PhD Scholar Department of Sociology, International Islamic University Islamabad bilal.phdsoc51@iiu.edu.pk</p>	<p>Influences Of Parental Socio- Economic Status Upon Students' Academic Performanc e In Primary Schools Of Tulmba, Khanewal</p>	Teaching and Learning for Sustainable Development	The findings of the study were that parent's income, level of education, occupation and parental involvement in education influences students' academic performance to a great extent. As the level of income of parents, level of education and parental involvement in education increased the	In order to improve students' academic performance the study recommends that; schools should put in place systems to enhance parental involvement in education, the government should increase bursary allocation to students from poor families to retain them in school and parents should be highly sensitized about the benefits of parental involvement in education.

					student's academic performance was also increased.	
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SESSION CHAIR: 2

DR ZARINA AKHTAR & MS. RABIA MUMTAZ

S. No	Paper Id	Name Of Presenter	Title Of The Paper	Theme	Significant Findings	Significant Recommendations
1	119	Dr. Zarina Akhtar, Assistant Professor Department of Education, International Islamic University, Islamabad zarina.akhtar@iiu.edu.pk Maria Khan, Scholar Department of Education, International Islamic University, Islamabad mariakhtk485@yahoo.com	Stress Management Practices Used By Principals And Teachers	Teaching and Learning in a Digital World	Major findings of the study revealed that, time pressure and deadlines, workload, feeling of powerlessness, lack of career development and political pressure were major causes of stress experienced by both principals and teachers. Consistent tiredness, headache, depression, aggressive behavior, frustration and seeking help from others were effects of stress faced by the principals and teachers.	Based on the findings, it was recommended that government need to employ more teachers in secondary schools to reduce workload and that principal and teachers may be assigned with the manageable workload. Political interference may be minimized in education sector. Physical exercise may be used by the female principals and female teachers for managing stress.
2	135	Mr. Khalid Mahmood (Ph.D Scholar) Mohi-ud-Din Islamic University Nerian Sharif Azad Jammu & Kashmir	Effectiveness And Relationship Of Information Technologies As A	Teaching and Learning in a digital World	It was found that Use of Information and Communication Technologies got improvement after	It is recommended that with M&E technology and professional standards will be prove.

		khalidkiani65@gmail.com	National Professional Teaching Standard In Monitoring & Evaluation (M & E) System		implementation of Monitoring and Evaluation.	
3	137	Dr. Uzma Shahzadi, Assistant Professor Department of Education Uzmashah_bzu@yahoo.com Dr. Bashir Hussain, Assistant Professor Department of Education Dr. Hakim Ali, Associate Professor Department of Education Wallayat Hussain Islamia College, Multan	Challenges And Prospects Of Digital Pedagogy: Teachers And Undergraduates' Voices	Teaching and Learning in a Digital world	The study found that poor planning, ineffective presentation of the content, time management, weaker student teachers liaison and lack of IT support as challenges of digital pedagogy. While, the study found that digital pedagogy skills are developed, improved critical thinking self-regulated learning skills, using open access resources.	The study contributes to understand the challenges and prospects of digital pedagogy
4	101	Sadia Fiaz, Principal Dar e Arqam School, Islamabad saadiafaiz@yahoo.com Farkhunda Rasheed Choudhary, Assistant Professor EPPSL ,AIOU Farkhunda.rasheed@aiou.edu.pk	Investigating Use Of Social Media In Science Learning	Social Media and Education	The findings revealed that, mobile phone usage is not significantly affecting academic performance among male and female secondary school students. It seems as if they	It is recommended that there is a need to evaluate and better understand smart phone use among students.

		Tariq Javed, SST Federal Government Public School No. 2 (Boys), Tariqabad, tariqjavedmiu@gmail.com			are not aware of the benefits that they can get from the positive use of mobile phone for the improvements of their academic grades.	
5	131	MARYAM JAMIL, Advocate High Court, Visiting Faculty Member of International Islamic University, Islamabad jamilmaryam80@yahoo.com	Security Threats Of Education Through Social Media & Legislation On E- Learning In Pakistan	Social Media and Education	This research paper highlights the cyber security issues of social media education along with the legislation and its implementation in Pakistan. This research paper intends to explore the security challenges encountered by social media education along with the remedies	Recommendations have also been suggested to ensure electronic learning environment.

SESSION CHAIR: 3

DR. MUNAZZA MAHMOOD & MS. MEMOONA BIBI

S. No	Paper Id	Name Of Presenter	Title Of The Paper	Theme	Significant Findings	Significant Recommendations
1	034	Dr. Wajeeha Aurangzeb, Assistant Professor Department of Education NUML, Islamabad waurangzeb@numl.edu.pk Ms. Uzma Mazhar, Lecturer Department of Education NUML, Islamabad	Redefining The Role Of Educational Leaders For Teacher Effectiveness In And Aftermath Of Covid-19 Crisis At University Level	Leadership in the 21st Century	Findings indicated that respondents fully agreed that effective teachers are irreplaceable in helping educational institutions to succeed. They agreed that supporting teacher resilience through intrinsic	It is recommended that educational leaders take into consideration the mentioned findings to increase individualized improvement of their designated institutions through teacher effectiveness.

					<p>motivation, job security, limiting burnout, providing instructional support to stop further depletion of learning and last but not the least offering technological support by making multiple broadcast and communication channels accessible to teachers and enhancing their skills to use them effectively can be considered as the newer role of educational leaders in this crisis situation. We can conclude that the post-COVID-19 phase will offer many opportunities to “build back better”, that is, strengthen the quality of education systems, make them more equitable, and increase their resilience.</p>	
2	059	Dr. Abdul Shakoor, Visiting Assistant Professor Sarhad University of Science & Information	Improving Managerial Efficiency Of	Leadership in the 21st Century	The findings of the study revealed that principals were feeble in improving	It is recommended to the principals to improve their efficiency by providing guidance and assistance

		<p>Technology Peshawar abdulshakoor333@gmail.com Usman Ghani Khattak Syed Mir Syed Muhammad Javed Iqbal</p>	<p>Principals For The Developmen t Of Schools</p>		<p>teachers' efficiency by providing guidance and assistance in instructional activities, improving teaching skills of teachers by involving them in decision making and motivating teachers for their better performance by recognizing their additional responsibilities, improving management, administration, financial and budget management skills, and utilizing school funds for manipulating leakage of resources.</p>	<p>to the teachers in instructional activities, improving teaching skills of teachers by involving them in decision making and motivating teachers for their better performance by recognizing their additional responsibilities. For improving management, administration, financial and budget management skills, they need administrative and managerial trainings that may enable them to have complete knowledge of financial rules, utilization of school funds and to manipulate leakage of resources</p>
3	079	<p>Fatima Abrar, Ph.D Scholar f_abrar2011@yahoo.com Air University School of Management, Islamabad Dr. Saad Hassan, Assistant Professor Air University School of Management, Islamabad saad.hassan@mail.au.edu.pk</p>	<p>Human Capital As A Mediator: Analyzing Its Impact Between Knowledge Based –Hr Practices And Employee Innovative Behavior In Education</p>	<p>Leadership in 21st Century</p>	<p>Results highlighted that knowledge-based HR practices have a significant impact on employee innovative behavior and human capital have a mediating relationship.</p>	<p>Existing literature highlighted that human capital is considered as an asset and universities are shifting from the administrative regulations to strategic approach. This new wave not only influenced private sector, but also the public one.</p>

			Sector Of Pakistan			
4	095	Zobia Shabbir, MS Scholar Department of Education, International Islamic University Islamabad. zobiashabbir94@gmail.com Dr. Munazza Mahmood, Assistant Professor Department of Education, International Islamic University Islamabad	Relationship Between Emotional Intelligence And Leadership Styles At University Level	Leadership in the 21st century	The findings show that HODs use different leadership styles having low, medium and high levels of emotional intelligence and there was a significant relationship exists between emotional intelligence and leadership styles of HODs.	It is concluded that the university head of the departments has different leadership styles. HODs most frequently use visionary, affiliate, coaching, democratic, and pacesetting leadership style and often practice commanding leadership style at university. Visionary and affiliate styles considered as predominant leadership styles among HODs. Coaching, democratic and pacesetting considered as dominant styles of leadership.
5	098	Ghulam Hafsa, Assistant Professor Govt. College for (W) Khushab, Jauharabad hafsashah@ymail.com	Communication Perspectives In Academic Settings: Employees' Perception Approach	Leadership in the 21st Century	Interpersonal communication is very effective for academic setting.	It is suggested that effective and synchronize communication will be the need of educational setting for optimum utilization of human resources.

SESSION CHAIR: 4

Dr. NASIR KHAN MS & SUMAIRA BATOOL

S. No	Paper Id	Name Of Presenter	Title Of The Paper	Theme	Significant Findings	Significant Recommendations
1.	121	Arshad Iqbal, MS Scholar International Islamic University Islamabad arshadiqbal.fuuast01@gmail.com	Challenges Faced By AEOS For Adopting New Role Of Mentor	Leadership in the 21st century	AEOS face different challenges during mentorship.	AEOS need proper training for adopting new roles of mentor.

2.	016	Farhat Parveen, PhD Scholar National University of Modern Languages Islamabad, Pakistan farhat_awan@live.com	Study Of Teacher's Instructional Practices At Secondary School Level	Professional Insertion	Findings of the study reveal that there is strong and positive association among instructional practices. The study also found out that female teachers have high skills of instructional practices as compared to male teachers. The study also shows that Private sector teachers have high skills of instructional practices as compared to public teachers.	The present study also reveals that teachers having less than 5 years of teaching experience have high skills of instructional practices.
3.	023	Maleeha Zafar, MPhil Scholar Department of Education, IIUI maleehazafar09@gmail.com Dr. Shazia Naureen, Assistant Professor Department of Education, IIUI drshazia.naureen@iiu.edu.pk	Impact Of Remunerations On Performance Of University Teachers	Professional Insertions	It was concluded in this research that teacher's performance is affected by providing remunerations. Providing benefit packages and increments to the teachers have significant impact on the performance of university teachers.	It was recommended that remunerations may be provided to the teachers on the completion of specific task by the university administration as it significantly affect the performance of university teachers.
4.	040	Dr. Zarina Akhtar, Assistant Professor Department of education,	Study On The Perceptions Of	Professional insertion	The findings showed that only 25.8% students took admission in education	The study further probes the reasons for liking and disliking of teaching profession by prospective teachers.

		International Islamic University, Islamabad zarina.akhtar@iiu.edu.pk Zahida, Lecturer Govt. Degree College Khaplu, Gilgit Baltistan zahida.ibrahim@yahoo.com	Education Department Students About Teaching As Career		department to become a skillful teacher after course study a number of students motivated towards teaching hence 41% students want to be teachers after their studies.	Prospective teachers like teaching profession because it is more suitable job for female, teacher is a lifelong learner and it provides opportunity about sharing of knowledge. Low societal regard for teachers, low salary and more workload were the factors cited as inhibiting students from making teaching their career.
5.	112	Tehmeena Hanif, Visiting Lecturer Sir Syed College Of Education & Professional Training Campus X, Wah Cantt tehmeena.shiraz@yahoo.com Dr. Seema Gul HOD, International Islamic University, Islamabad.	Spouses And Parents Differences As Caregivers Of People Living With End-Stage Renal Disease	Professional Insertion	Results were inconsistent on satisfaction in spouse and parents as care givers.	Life satisfaction of individual is strongly recommended.

PARALLEL SESSION-IV (3:30-5:00) pm

SESSION CHAIR: 1

DR. SHAZIA NAUREEN & DR. SH TARIQ MEHMOOD

S. No	Paper Id	Name Of Presenter	Title Of The Paper	Theme	Significant Findings	Significant Recommendations
1	090	Hafiza Bushra Wazir, MS Scholar Department of Education, International Islamic University Islamabad bushraahmed64@gmail.com	Relationship Between Academic Procrastination Practices And Professional	Professional Insertion	It was concluded that the most common types of academic procrastination practices of university teachers are general and	Based on the conclusions, the study recommended that university organizations may organize the training programs and awareness raising activities for teachers

		Dr. Munazza Mahmood, Assistant Professor Department of Education, International Islamic University Islamabad munazza.mahmood@iiu.edu.pk	Efficacy Of Female University Teachers		deciding procrastination practices.	related to professional efficacy and academic procrastination practices to overcome these problems.
2	111	Tehmeena Hanif, Visiting Lecturer Dr Seema Gul, HOD, Psychology IIUI tehmeena.shiraz@yahoo.com	Relation Between Life Satisfaction And Emotional Contagion Among Caregivers Of End-Stage Renal Disease Patients	Professional Insertion	The findings of correlation revealed significant negative correlation between Satisfaction with Life Scale and Emotional Contagion Scale. Results were inconsistent on Satisfaction with Life Scale and Emotional Contagion Scale in caregivers of dialysis and kidney transplant.	Further findings suggested that low income group caregivers have low life satisfaction and more emotional contagion.
3	004	Kainat, MPhil Scholar Department of Humanities Education & Psychology, Air University, Islamabad kainatbatool1742@gmail.com Dr. Fozia Fatima, Assistant Professor Department of Humanities Education & Psychology, Air University, Islamabad	Perception Of Teachers Regarding The Role Of Steam Robotics Laboratories In Removing Boredom From Learning Science At Elementary Level	Innovations in Mathematics and Science Education	Results show that students are participating actively in STEAM robotics classrooms as compare to traditional method of learning science.	The results depicted that STEAM robotics laboratories are helpful for increasing learner's interest and removing boredom from science learning.

		fozia.fatima@mail.au.edu.pk , Erum Ramzan, MPhil Scholar Department of Humanities Education & Psychology, Air University, Islamabad alimaha309@gmail.com				
4	035	Amna Said, Scholar Department of Education, International Islamic University, Islamabad Amnasaid745@gmail.com	Assessment Of Higher Order Thinking Skills Of Students In General Science At Elementary Level	Innovations in Mathematics and Science Education	Assessment of higher order thinking skills of secondary school students were explored.	Higher order thinking skills may be strongly recommended in other subjects.
5	064	Quratulain Education department Sukkur IBA qurat.mphis19@iba-suk.edu.pk Muhammad Mujtaba Education department Sukkur IBA	Quality Assurance Of Science Syllabus At Private Schools Of Sukkur: A Qualitative Case Study	Innovations in Mathematics and Science Education	the findings of this study suggest that there is direct effect of teaching quality on student's science Syllabus	This study can be more helpful for the different Science teachers, practitioners and Science Syllabus developers to work on the Quality assurance of science Syllabus.

SESSION CHAIR: 2

DR ZARINA AKHTAR & MS. RABIA MUMTAZ

S. No	Paper Id	Name Of Presenter	Title Of The Paper	Theme	Significant Findings	Significant Recommendations
1.	073	Dr. SHAMAILA HALEEM, Lecturer Islamabad Model College for Girls (Post-Graduate), G- 10/4, Islamabad shmlhaleem@yahoo.com	Critical Thinking Skills In General Science: Analysis	Innovations in Mathematics and Science Education	Critical thinking skills were found in textbook of Grade 8th, general science textbook of Grade 8th.	Critical thinking skills may be analyzed in other subjects of grade 8 th .

			Of 8th Grade Textbook			
2	104	Tariq Javed, SST Federal Government Public School No. 2 (Boys), Tariqabad, tariqjavedmiu@gmail.com Farkhunda Rasheed Choudhary, Assistant Professor EPPSL, AIOU, Islamabad Farkhunda.rasheed@aiou.edu.pk	Perceptions Of Students About Online Learning Environments For Learning Science At Undergraduate Level	Innovation in Learning of Mathematics and Science Education	This study also explored student's perceptions about assessment formats, and student's perceptions about learner support.	It was recommended that Science students were also not satisfied about online assessment mechanism. Efforts must be made to focus on learner characteristics for learning.
3	113	Tabassum Saleem, Ph.D. Scholar Department of Education, IIUI Dr Shamsa Aziz, Associate Professor Department of Education, IIUI	Teaching Direct And Inverse Proportion To 5th Grade Students Through Pictures And Real Life Problems, Leading Towards Autonomous Learning	Innovation in Mathematics and Science Education	Findings of the study showed that experimental group showed better results.	On the basis of finding of the study it was recommended that difficult mathematical concepts should be taught with the use of proper audio visual aids. Teachers have to improve their teaching methodologies especially for the teaching of mathematics.
4	128	Dr. Shahid Hussain Mughal, Associate Professor Education Department, Sukkur IBA University smughal38@yahoo.com	Engaging Primary School Children In Mathematical Discourse: An Experience Of A Pakistani Classroom	Innovations in Mathematics and Science Education	The findings of the study indicated that teachers' poor content knowledge and lack of seriousness and motivation were the big hurdles in promoting mathematical	This study has recommended some policy suggestions for improving the teaching of mathematics at elementary level.

					discourse among children.	
5	037	Ms. Rabia Mumtaz, TRA Department of Education, International Islamic University Islamabad rabiamumtaz@iiu.edu.pk	A Comparative Analysis Of Students' And Teachers' Perception About Classroom Management Practices For Professional Development	Learning and Teaching for Sustainable Development	Main findings of the study revealed that major classroom management practices have a major role in professional development of students i.e. knowledge management, discipline, opportunity for asking questions and many more.	it was recommended to maintain the effective classroom management practices by all faculties at higher education.

SESSION CHAIR: 3

DR. MUNAZZA MAHMOOD & MS. MEMOONA BIBI

S. No	Paper Id	Name Of Presenter	Title Of The Paper	Theme	Significant Findings	Significant Recommendations
1	008	Muryem Akhtar, SSE Science Punjab School Education Department mninaakhtar@gmail.com Dr. Saima Akhtar, Assistant Professor Public Administration, University of Karachi. saima.akhtar@uok.edu.pk Dr. Farkhunda Rasheed Chaudhary Assistant Professor Public Administration,	Behavioral Changes In Familial Patterns Of Life Due To 2020- Pandemic And Lockdown	Education for Sustainable Development	The research findings show different behaviors of students at school, college & university level; people at workplace, shopping centers, attending cultural rituals and gatherings etc., in new set of circumstances full of uncertain atmosphere/environment while stepping outdoors. A huge economic set	Digital perspectives are altered and people have become resource efficient, with improved sense of conservation and healthy life styles

		University of Karachi. farkhunda.rasheed@aiou.edu.pk			back is recorded yet new arenas have spurred up through latest technological advancements.	
2	018	Sunble Bibi, Ph.D. Scholar National University of Modern Languages, Islamabad sunblebibi@gmail.com Dr Wajeeha Aurangzeb, Assistant Professor (Education) National University of Modern Languages, H-9, Islamabad waurangzeb@numl.edu.pk	Analysis Of Quality Management In Teacher Education Institutions	Educational Interventions	This study focuses on management, responsibilities, resource management, product management and process management. There was significant difference found in management responsibilities, resource management, and process management. Public sector prospective teachers were more agree as compare to private sector prospective teachers. There is no significant difference found in product management as both are disagree with product management	It is recommended that for improving the product management in service, pre-service and foreign training should be provided to teachers related with different strategies implementation. Moreover, more emphasis must be on quality management in teacher for better quality education for trainees' teachers and also for progress of the country.
3	019	Miss Shazia Shazia121323@yahoo.com Dr Zunaira Fatima	Motivational Influence On Students Performance At	Educational Interventions	It is statistically drawn that there is a statistically significant correlation between	Based on the results of the students' majority of the students' performance was not satisfactory, they were not motivated rather

			Secondary Level In Lahore City		motivational influence and academic performance.	than majority were highly motivated.
4	020	Benazir Ayesha, Lecturer O.P.F Girls College Islamabad b-ayesha@hotmail.com Dr.Shazia Zamir, Associate Professor NUML University Islamabad	Multiple Intelligence As A Predictor Of Academic Achievement Of Students At University Level	Educational Interventions	On the basis of findings, it was found that there is positive relationship between multiple intelligence and academic achievement.	All multiple intelligence is good but if the teachers are trained on multiple intelligence than they can handle and teach every learner effectively .Therefore, all learners can score good grades and success in their academic achievement.
5	136	Zahra Rehman, Scholar Department of Education, IIUI zaramughal28@gmail.com	At Risk Students: Identification And Remediation Strategies	Educational Interventions	Major findings of the study demonstrated that at university level students' faces different problems especially sects' controversies , poor communication, harassment, diverse backgrounds, difficulty in developing compatibility with system, timetable issues, inappropriate teaching/learning strategies, no student portals & online record keeping, academic stress and depression, lack of guidance and counseling,	it is recommended that for eradicating the problems provide students guidance and counseling facilities, track the progress of students, allocate mentors & volunteer /senior students for advising problematic students, involve parents in students matters, develop resilience and self-efficacy, focus on covering academic stress and anxiety in students, arranging proper one on one sessions, work on curriculum by focusing on students' needs & individual differences, arrange trainings and workshops for teachers so that they facilitate students by identifying their problems and finding solutions.

					unavailability of rooms , labs etc, poor command on English and Arabic language that leads toward academic failure, dropout, absenteeism and low GPA.	
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SESSION CHAIR: 4

Dr. NASIR KHAN & MS SUMAIRA BATOOL

S. No	Paper Id	Name Of Presenter	Title Of The Paper	Theme	Significant Findings	Significant Recommendations
1.	039	Umama Tabasum, MS. Scholar International Islamic University, Islamabad. umamatabasums14@gmail.com Dr. Zarina Akhtar, Assisstant Professor Department of education, International Islamic University,Islamabad zarina.akhtar@iiu.edu.pk	Effect Of Assessment For Learning On Academic Achievement Of Students At Higher Education Level	Learning and Teaching for sustainable development	It was concluded that attitude of students towards assessment for learning was positive. This type of assessment motivates students; it helped them to improve their performance further because of immediate feedback they are able to correct their mistakes. Assessment for learning reduces anxiety for final exams.	It was recommended assessment for learning may be generalized and used at a wider level in the future in teaching and learning process.
2.	072	Ranaz Akbar, Teacher Govt girls' higher secondary school Dahranwala Chishtian,Bahawalnagar	Designing Homework Activities To Enhance English Language Learning For 9th	Learning and Teaching for Sustainable Development	Findings showed that 90% teachers tend to focus on traditional ways of teaching and assigning homework.	The recommendations of the study indicates that the first necessary element to improve and enhance learning through homework is that to make it student centered, rich and

		Sidra Iqbal, Teacher Govt. girls high school Bilal Nagar, Ial-Sohanra Jamila Bibi, Student The Islamia University Bahawalpur Email address: sohaibusmancheema174@gmail.com	Class In Tehsil Chishtian At District Bahawalnagar			lively instruction and the very main thing to keep in view students' interest and inclination. Students at other levels of language proficiency, i.e. primary or middle can be subjects of other experiments.
3.	085	Faiza Jaleel, Lecturer (Special Education) University of Education University of the Punjab, Lahore Pakistan Faiza.jaleel@ue.edu.pk Dr. Abid Hussain, Dean IER, University of the Punjab, Lahore, Pakistan Dean.education@pu.edu.pk Asma Kanwal, PhD (Special Education) Scholar University of the Punjab, Lahore Pakistan Asma.kanwal@ue.edu.pk	Readiness Of General Education Teachers For Implementation Of Universal Design For Learning In General Education Classrooms For Differently Able Students	Learning and Teaching for Sustainable Development	Major finding of the study was that prospective teachers were more ready to implement universal design for learning in general education classroom for differently able students as compare to in service teachers.	General school education department should arrange professional development Training programs for in-service teachers to make them aware about Universal Design for Learning, in order to facilitate differently able students in general education set up.
4.	100	Dr. Ghulam Fatima, Associate professor IER, University of the Punjab, Lahore Fatima.ier@pu.edu.pk Dr. Samina Ashraf, Assistant Professor Department of Special Education,	Perceptions Of Teachers About Implementation Of Expanded Core Curriculum For Visually Impaired	Students' Support System in the 21st Century	The results show difference in the opinion of special education teacher on the basis of their qualification and districts.	It is recommended that perception of other stakeholders about implementation of extended core curriculum for visually impaired children may be included.

		<p>University of the Punjab, Lahore. samina.dse@pu.edu.pk).</p> <p>Dr. Rukhsana Bashir, Assistant Professor Department of Special Education, University of the Punjab, Lahore Rukhsana.dse@pu.edu.pk</p> <p>Ayesha Irshad Tooba Umer</p>	<p>Children In Government Special Education Institutions In Punjab</p>			
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CLOSING CEREMONY

The Closing Ceremony of the 4 days 3rd International Conference On Innovation In Teaching And Learning (ICITL 2020) held at Faisal Masjid Campus of the International Islamic University Islamabad On Thursday October 1st , 2020 Organized By Department Of Education Of The International Islamic University Islamabad.

Following speakers addressed in closing ceremony:

- Worthy President International Islamic University Islamabad, Dr. Hathal bin Homoud Al-Otaibi
- Dean Faculty Of Social Sciences International Islamic University Islamabad, Prof. Dr. Samina Malik
- Focal Person/Chair International Islamic University Islamabad, Dr. Shamsa Aziz.

The concluding ceremony was addressed by Dr. Hathal bin Homoud Al-Otaibi, President IIUI as a Chief Guest.

DR. HATHAL BIN HOMOUD AL-OTAIBI:

He said that IIUI is committed to working hard for delivering quality education and producing knowledge in line with the aspiration of Muslim world. Hailing the organizers, he said Department of Education is one of the most dynamic departments of the university which has achieved many milestones in the field of teaching, training and research in its short history. Dr. Hathal maintained that E-learning and innovation are the salient needs of education in future. He said universities must focus on use of modern techniques of teaching and learning. IIUI President also emphasized that faculty must remain update to the advancements of the technology.

DR. SAMINA MALIK:

Dr. Samina Malik elaborated the aims objectives and of the conference. “The conference provided an opportunity to the young researchers and educationists to set their future directions by becoming part of this inspiring and enlightening experience” she said. She shed light on the importance of innovation and teaching in learning and also portrayed the nature of department’s scope with advent of distance education that she said has become more vital in the global pandemic landscape. She thanked national and international speakers with for active participation and hoped that the conference will result in best recommendations on the discussed theme.

DR. SHAMSA AZIZ:

Worthy President International Islamic University Islamabad Professor Dr. Hathal bin Hamoud Al-Otaibi, Honourable Vice president A F & P Professor Dr. Nabi Bux Jumani, Respected Dean Faculty of Social Sciences Dr. Samina Malik, respectable guests Vice Presidents, Deans, DGs, Directors, HoDs, keynote speakers, colleagues from department of education IIU and sister institutions, paper presenters, participants and dear students Asslam o alkum.

It’s a moment of great pleasure for me to present the report of international conference on innovation in teaching and learning in front of you which is 3rd of its series and a valuable addition

to the conferences and seminars conducted by department of education during last few years due to dedicated efforts of our faculty members and kind guidance and support of our seniors. 3rd International Conference on Innovation in Teaching and Learning (ICITL-2020) was aimed to provide opportunities to students, teachers and researchers to share their experiences in the form of articles addressing the innovations, issues and challenges under the themes

1. Innovations in education
2. Education for sustainable development
3. Teaching and learning in a digital world
4. Leadership in the 21st century
5. Professional insertion
6. Social media and education
7. Innovations in mathematics and science education
8. Students' support system in 21st century
9. Educational interventions
10. Learning and teaching for sustainable development

This conference was planned back in December 2019 for holding in April 2020 but due to Covid 19 we were compelled to postpone it, later on we planned it for online and I will not be wrong if I labeled it as hybrid or blended conference as we had face to face keynote sessions with local speakers and had online and recorded keynotes from different corners of the world too, same was the case with paper presenters. We had one face to face session and 16 online sessions in which 85 papers were presented 139 abstracts were received in response to call for paper out of which 71 abstracts were fully accepted and 30 abstracts were sent for minor revisions. At the end 85 research papers were got registered by authors from more than 15 institutions including University of Karachi, Air university Islamabad, SZABIST, UMT Lahore, MUST Mirpur, National University of Computer and emerging sciences, NUML Islamabad, KUST Kohat, AIOU, Information technology university Lahore, University of Punjab, FJ, federal college of education and IMCG Islamabad and definitely from IIU. Researchers were from different disciplines including Education, Psychology, Special Education, Humanities and Education, Linguistic and Communications, Elementary Teacher and Early Childhood Education, Sociology and others.

Out of those 85 papers 9 were related to innovations in education, 14 on education for sustainable development, 24 on teaching and learning in the digital world, 6 on leadership in the 21st century, 7 were related to professional insertion, 2 to social media and education, 7 to innovations in mathematics and science education, 2 were on students' support system in 21st century, 7 on educational interventions and 5 were in the area of learning and teaching for sustainable development.

Presenters shared good research work with unique topics from multiple key areas that need to be addressed in the research, generated healthy debate and ended on workable recommendations which will be shared in detailed conference report on IIU web.

Beside these 3 keynotes on opening day and 3 in today's morning session shared their thought provoking ideas with future researchers. These national and international keynote speakers were;

1. Prof. Lester Kurtz from George Mason University, USA whose talk was titled "from violence to non-violence; educating for sustainability"

2. Prof. Thomas Simon from John Hopkins University, USA shared his ideas on "Media competencies"

3. Dr. David Roof from Ball state University, USA shed light on "Collaboration in Education during a PANDEMIC"

4. "Pedagogical context of transforming to online teaching" was the title of the talk delivered by Prof. Dr. Nasir Mahmood from AIOU, Islamabad Pakistan.

5. Dr. Yeliena Prokhorova, Kyiv of National Economic University, Ukraine shared experiences of "educational technologies in economic university".

6. While Dr. LeeLe Susana, University teknologi, MARA, Malaysia discussed "Innovative leadership; decision making styles"

In short I can say it was a fruitful 4 days activity for students, educationists and researchers but it was only a milestone of the journey of department of education International Islamic University Islamabad. We the faculty members of department of education are committed to continue our routine feature of organizing annual conferences for the provision of a platform for deliberation and knowledge sharing not only for the future generation of Pakistan but for whole Umma

At the end I want to thank to all who made this event a success.

Thank you and good luck.

It was also attended by Prof. Dr. N.B. Jumani, a renowned online teaching distance learning expert and Vice President (Administration, Finance and Planning) at IIUI, Prof. Aqdas Naveed Malik, VP HS&R, Dr. Samina Malik, Dean Faculty of Social Sciences of IIUI, Dr. Muhammad Munir Kayani, Head of the Department, Dr. Shamsa Aziz, Chairperson at Department of Education, experts of the field of education, faculty members of the department , also faculty members of the other departments sister institutions and students.

PHOTO GALLERY:









