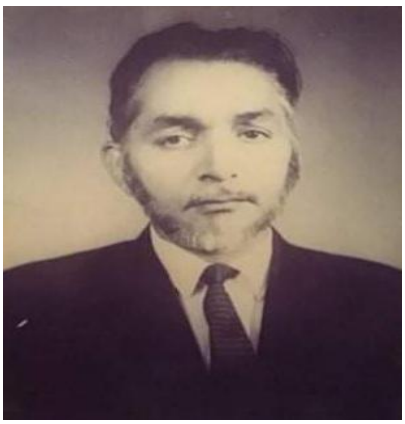

HIBA 2024

4th International Conference
B.E.S.T

Face-to-face & Virtual

December 28, 2024

Conference Book

Version 1.0

Publisher: Dr. Hashmi IBA - HIBA

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Preface

Dr. Hashmi IBA – HIBA

A project of Ontario Learning Centers - Canada

Ontario Learning Centers (OLC) Canada is an educational collaboration platform dedicated to advancing quality education, professional training, and research cooperation among academic institutions, scholars, and professionals worldwide.

OLC Canada facilitates knowledge exchange and capacity building through online learning platforms, academic events, professional training programs, and international partnerships. The organization serves as a bridge between universities, researchers, and educational organizations to support academic development and global collaboration, so that knowledge and experience is passed onto the next generations.

HIBA project was launched in 2021 to support the research activities in cooperation with international consultants & partners with the vision to promote:

"Basic & Quality Education for Character Building & Leadership"

The OLC Canada has provided a unique platform "HIBA Scholars" for collaboration and innovation within the education sector by conducting the HIBA Conferences & Webinars.

This gathering of educators, policymakers, thought leaders and research consultants fosters meaningful discussion on the latest advancement and obstacles in the quality of education & research practices.

In memory of:
Prof. Dr. Sharafat Ali Hashmi
Ex - Dean & Director of IBA
University of Karachi.


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Conference Program

4th INTERNATIONAL CONFERENCE

Business, Education, Science & Technology

HIBA-2024

Program Schedule – December 28, 2024

Online Zoom Platform - OLC Canada

Zoom ID: 671 781 9322 Passcode: hiba2024

https://us05web.zoom.us/j/6717819322

(Pakistan Time)

08:30 am - 09:30 am	HIBA Introduction & Online Registration Visit: www.101cmc.com/hiba

Opening Session (09:30 am - 10:00 am)

Moderator: Syed Saleh

09:30 am - 09:35 am	Recitation of Holy Quran, Hafiz Syed Daniyal
09:35 am - 09:40 am	Naat-e-Rasool (peace be upon him), Muhammad Noman
09:40 am - 09:50 am	Welcome Speech HIBA, OLC Director, Honorable Lubna Bint Al Hashmi
09:50 am - 10:00 am	Opening Speech Conference Chair, Honorable Prof. Dr. Ifthikar Ahmad Professor / Member HIBA Tech, OLC Canada
10:00 am - 10:10 am	Keynote Speaker, Honorable Dr. Nooraini Bint Youp (DJN) Director Malaysia Open University, Malaysia Title: Strategic Marketing Thru AI
10:10 am - 10:30 am	Announcements & Networking

INSTRUCTIONS:

1) Please check your internet connection in advance to make sure to join the meeting in time.
2) The HIBA Conference proceedings are being recorded, please keep your camera & mic closed for better performance.
3) The presenters should join the conference at least 30 minutes before their time slot & notify the Conference Manager by sending a WhatsApp message on **+1 905 580 3152 (Canada).**
4) We have a very tight schedule to complete all the presentations on the conference day. If any presenter will miss his/her time slot then it would be very difficult to get another chance

Online Zoom Platform - OLC Canada

Zoom ID: 671 781 9322 Passcode: hiba2024

Session I (10:30 am - 11:30 am)

Session Chair: Prof. Dr. Muhammad Irfan Khan Professor / Former Dean International Islamic University, Islamabad, Pakistan **Co-Chair:** Prof. Dr. Akhtar Hussian Sandhu Professor of History/Columnist, Govt. Islamia Graduate College, Lahore, Pakistan	
Moderator	Najia Immad
10:30 am - 10:40 am	Presentation I - Dr. Aysha Khalil, Faculty, Lahore College for Women University Title: Metaverse-Robotics-Classrooms in Higher Education: Advancing Education 5.0
10:40 am - 10:50 am	Presentation II - Dr. Rizwana Muneer, Faculty, University of Karachi, Pak Title: A study on effective method of teaching at University level: Needs and Challenge Co-Author: Naveen Iqbal Khan
10:50 am - 11:00 am	Presentation III - Nawal Aamir Khan, Student, IBA Karachi, Pakistan Title: The Effect of Transnationalism on Nationalism and Community Engagement: A case study of Pakistan Co-Author: Munib Ali
11:00 am - 11:10 am	Presentation IV - Iffat Sultana, Consultant, Sindh Education Department Title: Explore the Current Status Of Social-Emotional Learning in the Primary Schools, Sindh, Pakistan
11:10 am - 11:20 am	Presentation V - Ayesha Syed, Faculty, Ibn Haldun University, Turkey Title: Governance and Education Policy
11:20 am - 11:30 am	**Concluding remarks by Session Chair / Co-Chair**

Session II (11:30 am - 01:00 pm)

Session Chair: Prof. Dr. Muhhammad Ishaq Professor / Former Chairman, Department of Arabic, University of Karachi, Pakistan **Co-Chair:** Dr. Gulnaz Naeem Associate Professor and Head of the Department of Islamic Studies, Benazir Bhutto Shaheed University, Lyari, Karachi, Pakistan	
Moderators	Syeda Bareerah / Juvariah Shahid
11:30 am - 11:40 am	Presentation I - Dr. Amina Murad, Faculty, Institute of Business Management, Karachi, Pakistan Title: Strengthening Khudi: Iqbal's Propositions Author/Co-Author: Dr. Muhammad Abid Ali / Sabahat Anwar
11:40 am - 11:50 am	Presentation II - Syeda Hareem Fatima, Visiting Faculty, Metropolitan University Karachi, Pakistan Title: Unconventional Classrooms: Creative Teaching for Holistic Growth Co-Author: Prof. Dr. Rizwana Faseel

11:50 am - 12:00 pm	Presentation III - Syeda Fatima Rizwan, Faculty, Jinnah University for Women, Karachi, Pakistan Title: Teaching vital life skills at secondary education helps students to become ready for the real world Co-Author: Dr. Rabia Abdul Karim
12:00 pm - 12:10 pm	Presentation IV - Mahnaz Iqbal Yousafzai , Student, Abdul Wali Khan University, Mardan, Pakistan Title: The role of education on women's socio-cultural empowerment in newly merged Districts of Khyber Pakhtunkhwa.
12:10 am - 12:20 pm	Presentation V - Maira Sher, Faculty, Jinnah University for Women, Karachi Title: The effects of extra homework on the students' wellbeing at primary level in private schools in Karachi, Pakistan Author/Co-Author: Dr. Rabia Abdul Karim / Prof. Dr. Anila Fatima Shakil
12:20 am - 12:30 pm	Presentation VII - Dr. Maqbool Hassan - Faculty, Bahria University, Karachi Title: Bloom Taxonomy versus Islamic Educational Theories – A Study in Perspective of Thoughts of Islamic Academicians
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Recitation of Holy Quran, Hafiz Syed Daniyal
Naat-e-Rasool (peace be upon him), Muhammad Noman
Documentary - Digital Library Dr. Hashmi IBA - HIBA
Announcements & Networking

Session III (02:00 pm - 03:00 pm)

Session Chair: Dr. Muhammad Javaid Afzal Chairman and Associate Professor, Department of Physics, Govt. Islamia Graduate College Civil Lines, Lahore, Pakistan **Co-Chair:** Dr. Samreen Bari Aamir Assistant Professor/HOD Department of Humanities and Social Sciences DHA Suffa University, Karachi, Pakistan	
Moderator	Najia Immad
02:00 pm - 02:10 pm	Presentation I - Dr. Aisha Shaikh, Faculty, Bahria University, Karachi, Pakistan Title: User confidence and engagement in AI data collection systems, based on privacy, transparency, ethical concerns, and usability and reliability
02:10 pm - 02:20 pm	Presentation II - Muhammad Sufain, Student, Govt. Islamia Graduate College, Civil Lines, Lahore, Pakistan Title: Mathematical modeling of wind turbine prototype Co-Author: Dr. Muhammad Javaid Afzal

02:20 pm - 02:30 pm	Presentation III - Mohammad Abdul Moeed, Student, Govt. Islamia Graduate College, Civil Lines, Lahore, Pakistan Title: Impact of Particle Size on the Lead Filtration Efficiency of Cyclone Separator by ANSYS Computational Fluid Dynamics Author/Co-Author: Dr. Muhammad Javaid Afzal/ Muhammad Talha Khan ,
02:30 pm - 02:45 pm	Keynote Speaker - Honorable Prof. Dr. Aida Bint Mustafa Deputy Vice-Chancellor (Research & Innovation) Universiti Malaysia Pahang Al-Sultan Abdullah, Malaysia Title: From Equation to Innovation - The Interplay of Mathematics and Statistics Powering Generative AI Applications
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03:10 pm - 03:20 pm	Presentation - Dr. Bilal Ahmed, Faculty, Jiangsu University, China Title: Beyond Accuracy: Enhancing Heart Disease Predictions with Explain ability Using SHA Co-Author: Prof. Dr. Jinfu Chen
03:20 pm - 04:00 pm **Panel Discussion**	**Topic : AI & Research Strategy** **Panelists:** 1) Dr. Ahmad Humaizi 2) Dr. Aisha Shaikh 3) Dr. Bilal Ahmed 4) Dr. Jawad Ahmad Butt 5) Dr. Muhammad Javaid Afzal **Moderator:** Dr. Tariq Saeed Khan

Closing Session (04:00 pm - 5:00 pm)

04:00 pm - 04:10 pm	Keynote Speaker, Honorable Prof. Dr. Shahida Sajjad Pro-Chancellor Academics, Metropolitan University Karachi, Pakistan Title: Integrating Technology, Innovation, and Policy for Sustainable Education Ecosystem.
04:10 pm - 04:20 pm	Guest of Honor, Keynote Speaker Honorable Dr. Ghulam Ali Mallah Executive Director, Inter Boards Coordination Commission (IBCC) Professional Training, Govt of Pakistan, Islamabad Former Chairman Computer Science, Shah Abdul Latif University, Pakistan Title: Assessment for Quality Education
04:20 pm - 04:35 pm	Speech Chief Guest, Honorable Prof. Dr. Atta ur Rehman, FRS UNESCO Science Laureate Academician Chinese Academy of Sciences Civil Awards NI HI SI TI Professor Emeritus International Centre for Chemical and Biological Sciences University of Karachi, Pakistan Title: Higher Education, Science and Technology - Imperatives for Socio-Economic Development
04:35 pm - 04:45 pm	Closing Speech, Conference Chair, Prof. Dr. Ifthikhar Ahmad Baig, HIBA Tech
04:45 pm - 04:50 pm	Thank you note by HIBA, OLC Director, Honorable Lubna Bint Al Hashmi
04:50 pm - 04:55 pm	HIBA International Conference Awards & Certificates
04:55 pm - 05:00 pm	Conference Closing Note - HIBA Conference Manager

Host:

- ☐ Dr. Tariq Saeed Khan

Moderators:

- ☐ Dr. Tariq Saeed
  HIBA UAE
- ☐ Najia Immad
  HIBA South Africa
- ☐ Juvariah Shahid
  HIBA Saudia
- ☐ Syeda Bareera
  HIBA Pakistan

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Conference Themes

1) *AI Applications & Systems*
2) *AI Effects on Job Market*
3) *AI data modeling systems to streamline data collection & analysis.*
4) *Creative Teaching and Alternative Ways.*
5) *Indigenous Innovation and Creativity.*
6) *Governance and Education Policy: Shaping the Future of Society.*
7) *Eco System of Research & Development by Universities: Start-ups, SMEs, & Big Businesses.*
8) *Sustainable Development Goals.*
9) *Raising Scientific Literacy.*
10) *Character Building & Quality in Education*

Conference Leaders

Keynote Speeches
&
Messages

Patron
HIBA Conference 2024

Eng. Syed Nafees Hassan
Director
OLC Canada

Message for Conference attendees and organizers

Dear Colleagues,

On behalf of the Organizing Committee, I welcome all educationists to the third HIBA International Conference 2024 and thank our Hosting Partner - HIBA International University and Knowledge Partners in providing this opportunity to conduct this HIBA conference with their collaboration & support.

It is indeed a great opportunity for academicians, research scholars and students to participate in it, share their latest works and give their point of view about related aspects.

*The vision of HIBA is to focus on - "**Basic and Quality Education for Character Building and Leadership**".*

I look forward to learning the latest trends and developments from top academic professionals at this conference.

Offer my best wishes for the successful HIBA International Conference 2023.

Thank you

Engineer Syed Nafees Hassan

Prof. Dr. Iftikhar Ahmad Baig
Professor
International Open University the Gambia

Conference Chair
HIBA Conference 2024

Message for Conference attendees and organizers

In the Name of Allah the Most Merciful and Beneficent

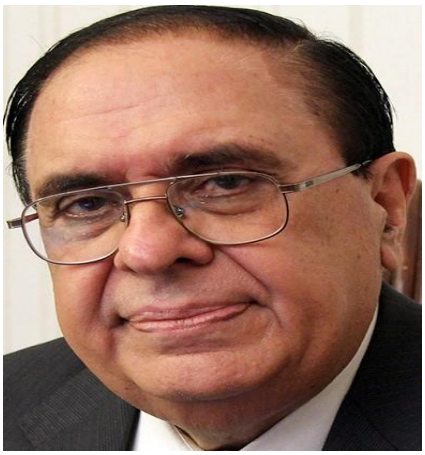
It is an honor for me to be the conference chairperson in the 4th HIBA International Conference organized by Ontario Learning Center (OLC) Canada with the collaboration of HIBA International University.

I feel immense pleasure while sending this message to the participants of 4th HIBA Multidisciplinary Research Conference 2024. I acknowledge the untiring efforts of Dr. Hashmi, Chief Organizer, members of the team and partner universities for making this hybrid conference a reality. HIBA International is a good platform to promote research culture and encourage young researchers to come up and get their work recognized and published.

During the times when publishing research work and presenting it in international conferences has become mandatory for university faculties, good avenues are not available and if they are, they are too costly. Here it is a social service for the sake of academic promotion. I hope we will come across wonderful ideas which can open further vistas in the field for the researchers after their encouragement and recognition as well as devoted team of the HIBA International when they meet success.

With prayers and best wishes.

Prof. Dr. Iftikhar Ahmad Baig



Chief Guest
HIBA Conference 2024

Prof. Dr. Atta-ur-Rahman, FRS
Professor Emeritus
International Centre for Chemical and Biological Sciences, University of Karachi

Keynote Speech

Higher Education, Science and Technology---Imperatives for Socio-Economic Development

Science, technology and innovation are rapidly transforming the economies of those countries that are investing wisely in these fields. These fascinating changes range across many fields including materials engineering, biotechnology, artificial intelligence and neuroscience. Metamaterials have the amazing characteristic of bending light so that they can make objects covered with such materials invisible to the naked eyes! Devices have been developed that restore partial eyesight to the blind through images that can be transferred through the nervous system of the tongue to the brain. The first brain chip was approved by FDA for Neuralink, a company established by Elon Musk for tackling neurodegenerative and other diseases. Anti-ageing compounds are being developed that slow down the process of ageing. Graphene has been developed which is 200 times stronger than steel and it is finding many applications. 3D printing is now being used to print parts of living human organs such as liver and kidneys. Artificial intelligence is developing at a very rapid pace and finding its way in a myriad applications, ranging from city traffic management to drug discovery, from stock exchange appraisals to new drug development. Artificial Intelligence combined with the still nascent quantum computing will change our planet forever. Advances in energy storage systems are heralding a revolution in the automobile industry where electric vehicles will soon dominate world markets. We need to prepare our nation for the challenges posed by such disruptive innovations.

An excellent beginning was made by Pakistan during 2000-2008 when I was Federal Minister of Science and Technology/Chairman Higher Education Commission (HEC). These have led to an unprecedented growth in high quality research publications in Pakistan. The establishment of the Pakistan Education and Research Network (PERN) in 2004 brought a revolution by providing free access of 65,000 textbooks and 25,000 international journals to students, teachers and researchers. Thousands of our brightest students were selected and sent abroad for training at PhD and post-doctoral levels to leading universities of the world in USA, UK, Germany, France, Sweden, Australia and Austria. The world's largest Fulbright program was initiated with 50% of the funds being invested by Pakistan. New entrepreneurial universities are being established and Pakistan has taken important steps to transition to a technology driven knowledge economy. Some of these developments will be described.

Thank you

Prof. Dr. Atta-ur-Rahman, FRS

Guest of Honor
HIBA Conference 2024

Dr. Ghulam Ali Mallah
Executive Director, IBCC
Ministry of Federal Education and
Professional Training, Pakistan

Keynote Speech

Topic for the Talk: Assessment Framework
It is with great pride that I address the esteemed participants of the HIBA Conference 2024 to introduce the Model Assessment Framework (MAF) – a transformative initiative aimed at revolutionizing educational assessments across Pakistan. This landmark policy document represents a significant leap forward in our mission to standardize, enhance, and align assessments for grades 9 to 12 across all 29 examination boards in the country. The MAF is not merely a framework; it is a vision for nurturing critical thinking, problem-solving, and creativity – skills essential for equipping our learners to excel in the 21st century.

At its core, the MAF embodies inclusivity and equity, ensuring that every student, regardless of geographic or socioeconomic background, has an equal opportunity to succeed. By aligning assessments with the national curriculum and introducing a standardized, reliable system, we are building a foundation for fair and transparent practices that will benefit students, educators, and institutions alike.

As we embark on the implementation phase, the integration of cutting-edge digital tools will play a pivotal role. The digitalization of examination systems, alongside the establishment of secure, centrally managed item banks, will streamline processes, enhance efficiency, and uphold the integrity of our assessments. The framework's focus on higher-order thinking and comprehensive student evaluation will produce a generation of learners ready to meet global challenges with confidence and competence.
As the Executive Director of the Inter Boards Coordination Commission (IBCC), I am honoured to share this milestone at the HIBA Conference 2024. I am confident that the MAF will serve as a guiding beacon for educators, policymakers, and stakeholders, inspiring a new era of inclusive, dynamic, and forward-thinking education in Pakistan.
Together, let us seize this opportunity to elevate our education system and empower every student to thrive in a rapidly evolving world. I look forward to the fruitful discussions and collaborations that will emerge from this prestigious conference!

Thank you
Dr. Ghulam Ali Mallah

Prof. Ts. Dr. Aida Mustapha
Deputy Vice-Chancellor (Research & Innovation)
Universiti Malaysia Pahang Al-Sultan Abdullah

Keynote Speaker
HIBA Conference 2024

Keynote Speech

Generative AI is redefining the boundaries of what is possible, from crafting mesmerizing artwork to revolutionizing medical diagnostics. This keynote address embarks on an illuminating journey that connects the elegance of mathematical equations and statistical models to the groundbreaking innovations of Generative AI. Beginning with an exploration of core mathematical principles—probability distributions, optimization techniques, and statistical inference—that form the backbone of generative models like Generative Adversarial Networks (GANs) and Variational Autoencoders (VAEs), the presentation reveals how these models harness complex equations to learn from data and generate remarkably realistic outputs.

Delving deeper, the discussion examines how geometric and topological concepts, such as manifold learning and stochastic processes, enable AI to comprehend and recreate the intricate structures of high-dimensional data. This understanding is pivotal for producing outputs that are not only statistically sound but also geometrically coherent. The keynote showcases compelling real-world applications: generating synthetic medical images that enhance diagnostic accuracy, creating AI-driven art that pushes creative boundaries, and synthesizing data that bolsters machine learning models across industries like finance and autonomous vehicles. Looking toward the future, the address examines vital ethical considerations inherent in Generative AI through the lens of mathematical and statistical rigor. This keynote demonstrates how the synergy of mathematics and statistics propels Generative AI from abstract equations to tangible innovations, shaping the future of technology and its impact on society.

Thank you

Prof. Dr. Aida Mustapha

Keynote Speaker
HIBA Conference 2024

Prof. Dr. Shahida Sajjad
Pro-Chancellor (Academics)
Metropolitan University, Karachi

Keynote Speech

In the modern era of technology, Artificial Intelligence (AI) data modeling systems have transformed how we approach our education, enabling unified data collection and analysis for researchers. These systems streamline administrative tasks and provide actionable insights for personalized learning, policy formulation, and curriculum optimization. By integrating AI into educational frameworks, universities can pave the way for innovative teaching methods and address educational challenges more effectively. This advancement in technology naturally supports creative teaching and alternative approaches. These emphasize dynamic, learner-centered strategies such as project-based learning, gamification, virtual reality (VR), and fostering critical thinking and problem-solving, aligning seamlessly with the need for innovative educational practices.

The infusion of indigenous innovation and creativity further enriches this ecosystem by blending traditional knowledge systems with contemporary learning techniques. Indigenous perspectives provide sustainable solutions that complement creative teaching methods, offering diverse ways to address global challenges such as climate change and resource management. By integrating these unique insights, education becomes more inclusive and impactful, creating a holistic environment that supports the broader goals of governance and education policy.

Strong governance and effective policies are essential to shaping equitable and inclusive educational systems that address societal needs. Leveraging AI insights and incorporating indigenous creativity into policymaking ensures that decisions are data-driven and culturally sensitive. This fosters trust, equity, and quality in education, laying the foundation for an ecosystem of research and development. Universities, as hubs of innovation, play a critical role in this ecosystem by connecting startups, small and medium-sized enterprises (SMEs), and large businesses. These partnerships promote technological advancements, economic growth, and the commercialization of research, while simultaneously addressing global sustainability challenges.

At the heart of these efforts lies the commitment to achieving the United Nations' Sustainable Development Goals (SDGs). Education is central to this mission, as it promotes environmental consciousness and prepares future leaders to tackle issues like poverty, inequality, and climate change. The alignment of curricula with SDG principles ensures that students develop the skills and attitude needed for sustainable development.
Finally, these interconnected efforts highlight the importance of raising scientific literacy to empower individuals and communities. By fostering a deep understanding of science and its applications, education equips society to embrace innovation and informed decision-making. Together, these elements create a cohesive framework where technology, creativity, governance, and sustainability work in harmony to shape a resilient and inclusive future for all.

Some successful examples of integrating technology, innovation, and policy for sustainable education and development include:

1. Singapore's Smart Nation initiative: to integrate technology into education, healthcare, and other sectors.
2. Finland's education technology strategy: Focuses on personalized learning, teacher training, and innovation.
3. India's Digital initiative: transforming India into a digitally empowered society, focusing on education and skills development.

These examples demonstrate the potential for integrating technology, innovation, and policy to create sustainable education and development solutions.

Way Forward: Pakistan needs to invest in Educational Technology Infrastructure including internet connectivity, devices, and learning management systems, provide teachers training and support to effectively integrate technology into their teaching practices, create relevant digital content, engaging, and aligned with Pakistan's curriculum and learning objectives, encourage partnerships between government, private sector, civil society, and international organizations to support education technology initiatives. By integrating technology, innovation, and policy, Pakistan can improve access to quality education, develop essential skills for the future, and promote sustainable development

Thank you

Prof. Dr. Shahida Sajjad

Dr. Nooraini Binti Youp
Director, Open Uni Malaysia

Keynote Speaker
HIBA Conference 2024

Keynote Speech

The integration of Artificial Intelligence (AI) into strategic marketing is transforming how universities attract, engage, and retain students while strengthening their brand positioning in an increasingly competitive higher education landscape. This presentation highlights the application of AI-driven tools and techniques in enhancing strategic marketing functions, emphasizing their role in enabling data-driven decision-making, personalization, and operational efficiency. By leveraging AI technologies such as predictive analytics, machine learning, and natural language processing, universities can significantly improve recruitment outcomes, student engagement, and alumni relations.

One of the primary advantages of AI in strategic marketing is its ability to generate actionable insights through data analysis. Universities can analyze historical and real-time data to identify trends in student recruitment, such as geographic regions, schools, or demographics that yield the most successful applicants. This allows institutions to focus their recruitment efforts more effectively and allocate resources strategically. Furthermore, AI facilitates the customization of marketing messages based on audience segmentation, ensuring that communication resonates with the specific interests and preferences of prospective students.

Personalized communication is another critical area where AI adds substantial value. AI-powered systems can dynamically tailor website content to individual users based on their profiles and browsing behavior, thereby enhancing user experience and increasing engagement. Similarly, AI-driven email campaigns enable universities to deliver targeted content, such as program information or extracurricular opportunities, aligned with the interests of each recipient. This level of personalization not only improves communication effectiveness but also strengthens relationships with both prospective and current students.

The use of AI-powered chatbots further enhances student interaction by providing real-time, 24/7 support. These chatbots can respond to inquiries related to admissions, courses, and campus life, improving accessibility and responsiveness. In addition to enhancing user experience, chatbot interactions generate valuable data on frequently asked questions and user concerns, which can be leveraged to refine marketing strategies

and improve institutional services.

AI also plays a crucial role in social media management and sentiment analysis. By analyzing online conversations and engagement patterns, universities can monitor public perception, identify emerging issues, and respond proactively to negative feedback. This enables institutions to maintain a positive brand image and optimize their social media content for better engagement. Additionally, AI supports enhanced alumni relations by enabling personalized outreach and predictive event marketing. Institutions can segment alumni based on interests and engagement history, allowing for targeted communication and improved participation in events and fundraising initiatives.

In conclusion, the adoption of AI in strategic marketing offers universities a powerful means to improve efficiency, personalization, and decision-making. By integrating AI into recruitment, communication, and engagement strategies, institutions can achieve higher enrollment rates, stronger student relationships, and increased brand loyalty. As AI technologies continue to evolve, their role in marketing will become even more significant, making their adoption essential for universities seeking to maintain a competitive advantage in the global education sector.

Keywords:
Artificial Intelligence (AI), Strategic Marketing, Higher Education, Predictive Analytics, Personalization, Student Recruitment, Chatbots, Sentiment Analysis, Alumni Engagement, Data-Driven Marketing

Thank you

Dr. Nooraini Youp

Dr. Ahmad Humaizi
Associate Professor
Universiti Malaysia Perlis, Malaysia

Keynote Speaker
HIBA Conference 2024

Keynote Speech

Artificial Intelligence (AI) is becoming an important tool in academic research, especially in helping researchers manage complex research tasks more efficiently. One of the main challenges faced by students and early-career researchers is developing a clear research strategy, including problem identification, literature review, research gap analysis, and structured academic writing. This paper presents an AI-based research strategy using SoftwareTheses, a digital platform designed to support thesis and research paper development.

SoftwareTheses integrates AI guidance with a structured research workflow to assist users at different stages of the research process. The platform helps researchers organize literature using an Excel-based matrix, generate systematic and scoping review drafts, and structure academic sections such as abstracts, introductions, and methodologies. By using guided prompts and step-by-step workflows, SoftwareTheses reduces confusion and cognitive load, especially for non-native English speakers and novice researchers.

The proposed AI research strategy focuses on three key aspects: research planning, literature synthesis, and academic writing support. First, SoftwareTheses assists users in defining research objectives, keywords, and research questions. Second, it supports structured analysis of large numbers of research papers through literature matrices, enabling clearer identification of research trends and gaps. Third, the platform provides AI-assisted drafting support while maintaining academic structure and consistency.

This approach does not replace the researcher's critical thinking but acts as a research companion that improves efficiency, clarity, and confidence. The use of SoftwareTheses demonstrates how AI can support ethical and systematic research practices rather than automated content generation. This paper highlights the potential of AI-driven platforms to enhance research strategy development, particularly for postgraduate students, educators, and researchers in multidisciplinary fields.

Thank you

Dr. Ahmad Humaizi

Keynote Speaker
HIBA Conference 2024

Prof. Shahid Zaki
Visiting Faculty
IBA Karachi

Keynote Speech

AI's Role in Strategy Making

*On December 14, 2024, HIBA OLC Canada conducted a webinar titled **AI Role in Strategy Making** as part of the 4th HIBA International Conference, scheduled for December 28, 2024, on Zoom.*

The session featured renowned scholar Prof. Shahid Zaki, who emphasized that "A Company's Strategy is a Blend of Proactive Initiatives and Reactive Adjustments," shedding light on AI's transformative role in strategic planning. The event attracted participants from diverse fields, including entrepreneurs, educators, and students from around the globe.

Hosted by Dr. Tariq Saeed Khan from Dubai, the webinar was an engaging learning platform for exploring AI applications and tools. Prof. Zaki, a seasoned academic and former CEO of Phillips Pakistan, brought decades of experience to the discussion.

Summary:
Artificial Intelligence (AI) is rapidly reshaping the landscape of strategic management by enabling organizations to make more data-driven, agile, and informed decisions. This presentation explores the multifaceted role of AI across the three core phases of the AFI (Analysis, Formulation, Implementation) strategy framework, highlighting its transformative impact on modern business practices. AI's ability to process vast amounts of structured and unstructured data, detect patterns, and generate predictive insights positions as a powerful tool in enhancing strategic effectiveness and organizational competitiveness.

In the strategy analysis phase, AI significantly enhances both external and internal assessments. Through technologies such as natural language processing (NLP) and machine learning, AI enables organizations to conduct real-time environmental scanning by analyzing data from social media, market reports, and competitor activities. This allows businesses to identify emerging trends, shifts in consumer behavior, and competitive dynamics with greater precision. Internally, AI evaluates organizational performance by analyzing operational, financial, and human resource data, helping firms identify strengths, weaknesses, and opportunities for improvement. Additionally, AI-driven predictive analytics

supports strategic forecasting and scenario planning by simulating potential outcomes of different strategic choices, thus reducing uncertainty and improving decision accuracy

During strategy formulation, AI plays a critical role in market segmentation, targeting, and decision-making. By analyzing customer data, AI can identify distinct consumer segments and enable personalized marketing strategies, thereby improving customer engagement and return on investment. AI-powered decision support systems further assist managers in optimizing resource allocation, pricing strategies, and supply chain operations. These capabilities ensure that strategic plans are not only data-informed but also aligned with market demands and organizational goals. AI's optimization potential enhances the precision and efficiency of strategic planning processes.

In the implementation phase, AI contributes to effective execution through real-time performance monitoring and predictive maintenance. AI-driven dashboards track key performance indicators (KPIs), allowing managers to detect deviations and take corrective actions promptly. Predictive capabilities also help anticipate operational disruptions, enabling proactive decision-making. Furthermore, AI supports change management by analyzing the potential impact of strategic initiatives and assessing employee sentiment through feedback analysis. This facilitates smoother transitions and improves organizational adaptability during periods of change.

Despite its advantages, the use of AI in strategy making presents several limitations. Its effectiveness depends heavily on data quality, and biased or incomplete data can lead to flawed decisions. Moreover, AI lacks human intuition, creativity, and ethical judgment, which are essential in complex strategic contexts. Ethical and legal concerns, including data privacy and transparency, further complicate AI adoption. There is also a risk of over-reliance on AI, which may reduce human oversight and critical thinking.

In conclusion, AI offers significant potential to enhance strategic management by improving analytical capabilities, forecasting accuracy, and decision support. However, organizations must adopt a balanced approach that integrates AI with human expertise to ensure ethical, creative, and context-aware decision-making. As AI continues to evolve, its role in strategy will expand, offering new opportunities for innovation and competitive advantage.

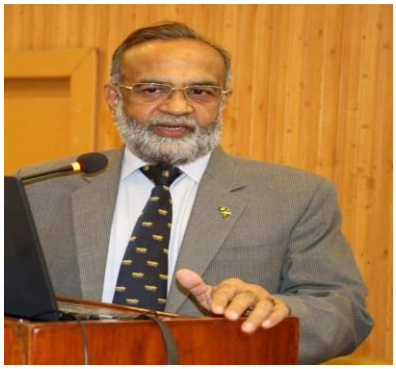
Keywords:
Artificial Intelligence (AI), Strategic Management, AFI Framework, Predictive Analytics, Decision Support Systems, Market Segmentation, Competitive Analysis, Strategy Implementation, Change Management, Data-Driven Decision Making

Thank you

Prof. Shahid Zaki

Summary: https://youtu.be/L_bW5HdX9Us?feature=shared

Recording: https://www.youtube.com/watch?v=RSPnMC34TUA



Session Chair
HIBA Conference 2024

Prof. Dr. Muhammad Irfan Khan

Dean, Faculty of Sciences,
International Islamic University, Islamabad

Message:

There is a dire need to explore the critical intersections between effective governance and transformative educational practices. As we navigate the complexities of our rapidly changing world, the role of governance in shaping educational policies and practices has never been more vital. The reality is that education is key to the socio-economic development of a country. It plays a vital role in building human capabilities and accelerates economic growth through knowledge, skills and creative strength of a society. The positive outcomes of education include reduction in poverty and inequality, improvement in health status and good governance in implementation of socio-economic policies. The multifaceted impact of education makes it an essential element for policy framework. Developing countries, where the majority of the world's population resides, need to redesign educational policies for promoting productivity in different sectors of the economy by developing highly skilled manpower and addressing their development needs for rapid industrialization.

Governance plays a crucial role in shaping the future of education by establishing policies, ensuring accountability, and promoting equity. Effective governance structures, such as school boards and national councils, oversee educational operations and drive reforms that address contemporary challenges. By fostering collaboration among stakeholders, governance can enhance leadership, improve student outcomes, and ensure that educational systems are responsive to the needs of diverse populations. While national standards are important for maintaining quality, they can sometimes overlook the unique needs of individual students and local contexts.
The rapid pace of technological advancement and societal change requires governance structures to be flexible and responsive, which can be difficult to achieve. Future governance should focus on creating inclusive environments that cater to diverse learning needs, including those of students with disabilities and different cultural backgrounds.

I believe that this conference aims to foster meaningful dialogue, share innovative ideas, and collaborate on solutions that can enhance educational outcomes for all. I expect that we will hear from a diverse array of speakers, engage in thought-provoking discussions, and participate in panel discussions designed to inspire and empower. I encourage you to actively participate, share your insights, and connect with fellow attendees who are equally passionate about advancing governance and education.

Together, let us work towards creating a future where every individual has access to quality education and where governance systems are transparent, accountable, and inclusive.

Thank You

Prof. Dr. Muhammad Irfan Khan

Abstracts

HIBA 2024

HIBA Conference

4th International Conference (BEST)

Research Papers, Case Studies & Panel Discussions

Saturday, December 28, 2024

Conference Chair

Prof., Dr. Iftikhar Ahmad

From: 9:00 am
To : 05:00 pm
Pakistan Time

Session Chair

Prof. Dr. M. Irfan Khan

Presenter

Dr. Aysha Khalil

Presenter

Dr. Rizwana Muneer

Presenter

Ayesha Syed

Session Chair

Dr. Akhtar Hussian

Presenter

Iffat Sultana

Presenter

Nawal Aamir

Presenter

Munib Ali

➢ Onsite : OLC Canada

➢ Online : OLC Zoom Meeting ID: 671 781 9322 Passcode: hiba2024

Conference Manager

Dr. Hashmi IBA - HIBA
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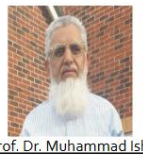

Prof. Dr. Muhammad Ishaq

Presenter

Dr. Amina Murad

Presenter

Syeda Hareem Fatima

Presenter

Syeda Fatima Rizwan

Session Chair

Dr. Gulnaz Naeem

Presenter

Mahnaz Iqbal

Presenter

Maira Sher

Presenter

Dr. Maqbool Hassan

➢ Onsite : OLC Canada

➢ Online : OLC Zoom Meeting ID: 671 781 9322 Passcode: hiba2024

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Dr. M. Javaid Afzal

Presenter

Dr. Aisha Shaikh

Presenter

Muhammad Sufian

Session Chair

Dr. Samreen Aamir

Presenter

Dr. Bilal Ahmed

Presenter

Abdul Moeed

Conference Manager

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➢ Onsite : OLC Canada

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Title: Metaverse-Robotics-Classrooms in Higher Education: Advancing Education 5.0

Research Scholar (s): Dr. Aysha Khalil

Abstract: The transformative potential of advanced technologies such as the metaverse and robotics is reshaping educational paradigms globally, heralding the emergence of Education 5.0, which is human-centric, technology-driven vision for learning. This research explores the conceptual and practical feasibility of integrating metaverse-robotics-classrooms into higher education in Pakistan, a region poised to embrace innovation yet constrained by infrastructural and financial challenges. By employing a mixed methods approach, the study addresses three critical objectives: (1) to examine the alignment of metaverse and robotics technologies with Education 5.0 principles, (2) to assess the feasibility of their implementation in Pakistan's higher education sector, and (3) to develop a conceptual framework for integrating these technologies into classroom settings. The qualitative strand of the study includes a systematic literature review and semi-structured interviews with educators and digitalization experts to understand the perceived benefits, challenges, and readiness for these innovations. Quantitatively, a survey-based feasibility analysis evaluates institutional readiness, infrastructure gaps, and stakeholder expectations. The findings indicate that metaverse-robotics classrooms have the potential to transform higher education by fostering experiential learning, collaborative education, and technical skill-building, aligning directly with Education 5.0's emphasis on personalized learning, technological synergy, and human-machine collaboration. However, challenges such as technological infrastructure deficiencies, financial constraints, competencies gap, and equity barriers necessitate deliberate efforts to ensure scalable and inclusive adoption. The study culminates in a conceptual framework that aligns with Education 5.0's core principles of personalization, adaptability, and sustainability. The framework is tailored to Pakistan's context, proposing hybrid learning models and capacity-building initiatives to bridge technological and institutional gaps. By addressing both theoretical and practical dimensions, this research not only contributes to the academic discourse on Education 5.0 but also provides actionable insights for policymakers and educators seeking to future-proof higher education in resource-constrained environments.

Keywords: Educational Metaverse; Robotics; Education 5.0; Human-centric education; Higher education;

Title: A study on effective method of teaching at University level: Needs and Challenge

Research Scholar (s): Dr. Rizwana Muneer, Naveen Iqbal Khan

Abstract:

Introduction: Teaching is a crucial element in the implementation of educational plans which is one of the key components of educational preparation. The role of qualified university teachers is to be effective and teach effectively. Teaching is a dynamic process; choosing the teaching method to be delivered is the fundamental aspect.

Objectives: 1. To highlight effective teaching methods 2. To identify the needs and challenges of effective teaching

Methodology: In this research qualitative research examined some successful teaching approach in higher education, based on the experience of some university faculty members in the province of Balochistan, Pakistan. For this purpose, 10 faculty members from the Education Department at University of Turbat and its campuses: Gwadar and Panjgor were involved as population and sample.

Results/Conclusion: The results of this qualitative approach were used to highlight the most effective method of teaching approaches. The results exemplified: student and teacher center, investigation-based method, project-based method, demonstration method, discussion method cooperative learning are used as instructional approaches to provide goals , assess teaching, promote self-learning, involve learners, build confidence, develop skills, make students think independently, share the real-life problems and make the students be critical thinkers. Suggestion for Implementation: Structural improvements are brought by academics who are also needed for successful teaching. These improvements include recruiting incentive systems for activities that understand the value of teaching skills, approaches to quality assurance that assess learning processes, results that are far much more culturally and characteristically processed, and improving procedures of higher educational to accredit and accomplish them.

Keywords: Teaching; Teaching strategies; Need; Challenges

Title: The Effect of Transnationalism on Nationalism and Community Engagement: A case study of Pakistan

Research Scholar (s): Nawal Aamir Khan, Munib Ali

Abstract:

"Transnationalism" refers to the multiple exchanges and links that befall between people or organizations across national boundaries. Together with the effective transportation system and highly interconnected media, these aspects of economic and social integration have transformed global economies, cultures, societies, and technical landscapes. They have also increased interconnectivity. This shift can be attributed to globalization, which is the process of changing how people, communities, and countries interact and function in an increasingly interconnected global environment. Globalization is defined as the growth in the scope, intensity, speed, and impact of global interconnection. These interconnections are responsible to speed up the process of migration. When people migrate, they often maintain ties with their home countries while also establishing connections in their new places of residence. This results in the strengthening of transnational networks, as individuals engage in activities and relationships that transcend national borders. These connections can include sending remittances back to their home countries, participating in transnational social and cultural networks, or even engaging in political activism that spans multiple countries. Thus, migration plays a significant role in fostering transnationalism by facilitating the flow of ideas, resources, and relationships across borders. Nationalism possesses the dual ability to unite individuals in the defense of a nation's interests or to fragment them, drawing them away from a broader collective towards smaller factions. Thus, nationalism can function inclusively, bringing people together, while simultaneously causing fragmentation, leading individuals to identify with smaller, exclusive groups. The significance of nationalism in the formation and dissolution of nations cannot be understated. When individuals are united, cohesive, interdependent, closely connected, share similar beliefs, and exhibit homogeneity, they are typically more disciplined and enthusiastic in pursuing community interests. The essence of nationalism is essential for attaining shared objectives and for involving in communal endeavors. In today's globally interconnected world, where access to media is widespread and soft power influences abound, the fervor of nationalism is waning, leading people to prioritize personal interests over collective goals. Amidst challenges such as high inflation rates, lack of democracy, and deteriorating law and order, Pakistan is experiencing a significant exodus of its citizens. Official figures indicate that the number of Pakistanis leaving the country has surged, with approximately 225,000 departures recorded in 2021. This figure nearly tripled to 765,000 in the following year, as reported by The Express Tribune. Notably, the 2022 data

reveals that 92,000 highly educated professionals, including doctors, engineers, information technology experts, and accountants, are among those choosing to emigrate

Transnationalism is seen as a social formation spanning borders, with a focus on ethnic diasporas. Diasporas embody a triadic relationship between globally dispersed ethnic groups, the states where they reside, and the homeland states. Transnational social formations are analyzed through network structures, emphasizing the role of technology in reinforcing pre-existing social patterns. These networks create a transnational public sphere, rendering traditional notions of community and locality obsolete while enabling new forms of solidarity and identity.

Keywords:

Title: Explore the Current Status Of Social-Emotional Learning in the Primary Schools, Sindh, Pakistan

Research Scholar (s): Iffat Sultana

Abstract:

The current status of social emotional learning (SEL) explores and investigates the various challenges and opportunities within the primary education system in Sindh, Pakistan, as they were investigated through this study, with a special emphasis on students' socio-emotional and intellectual growth. The study adopts a qualitative methodology that includes semi-structured interviews, classroom observations, and focus group discussions (FGDs) with students, teachers, and parents, as well as key informant interviews (K IIs) with education officials such as Headmasters, TEOs, and DEOs from a variety of urban and rural, male and female schools. Data were evaluated thematically to find major trends related to systemic issues and reform prospects.

The findings highlight considerable challenges to effective schooling, such as limited parental involvement, insufficient teacher preparation, reliance on corporal punishment, inadequate infrastructure, and a lack of Social-Emotional Learning (SEL) integration. Despite these limitations, the study emphasizes on students' resilience and intrinsic desire, as indicated by their eagerness to learn, collaborative with peer behaviour, and tenacity in the face of inadequate resources.

The report emphasizes the critical need for targeted interventions such as implementing SEL curricula, boosting teacher professional development, removing punitive disciplinary methods, and improving school infrastructure. By addressing these systemic deficiencies, Sindh's education system has the ability to create environments that encourage whole-child development while balancing academic accomplishment with emotional and social well-being. This research is consistent with worldwide educational priorities and provides actionable insights for policymakers, educators, and communities, laying the groundwork for future education research and systemic improvements.

Keywords:

Title: Governance and Education Policy: Shaping the Future of Society and Human Civilization

Research Scholar (s): Ayesha Syed

Abstract:

This research examines the critical role of governance and education policy in shaping the future of society and human civilization, with a particular focus on the evolving educational landscape in Pakistan. It provides a comprehensive analysis of existing education systems, highlighting how historical, political, and economic forces—especially capitalism—have influenced the development of highly institutionalized, standardized "industry model" education systems. The discussion emphasizes the knowledge–power nexus and the role of education as both a tool for societal development and a mechanism for ideological reproduction and mass indoctrination.

A key theme explored is the paradigm shift from traditional government-led systems to more complex governance structures involving multiple stakeholders, including private entities, international organizations, and policy networks. This shift has led to the economization of education policy, decentralization of authority, and the emergence of new governance models. However, these changes have also raised concerns regarding equity, access, quality, and the inclusivity of assessment frameworks. The presentation critically evaluates competing social policies and the growing commercialization of education, questioning their impact on curriculum development, pedagogical approaches, and high-stakes testing systems.

Focusing on Pakistan, the presentation outlines the structure of educational governance, the diversity of curricula, and key challenges such as the language dilemma and disparities between public and private sectors. Statistical insights highlight the scale and complexity of the education system, including enrollment, institutional distribution, and teacher demographics. It also addresses ongoing reforms such as the transition from the Single National Curriculum (SNC) to broader national frameworks, alongside emerging issues like teacher accreditation, policy implementation gaps, and technology integration.

The study concludes that emphasizing the importance of effective policy implementation, monitoring, and evaluation mechanisms. It underscores the need for context-sensitive, inclusive, and sustainable education policies that balance global agendas with local realities. Ultimately, strong governance and well-designed education policies are essential for fostering equitable development and preparing societies for future challenges.

Keywords:
Education Policy, Governance, Pakistan Education System, Policy Implementation, Educational Inequality, Curriculum Development, Decentralization, Globalization, Public and Private Education, Education Reform

Title: Strengthening Khudi: Iqbal's Propositions

Research Scholar (s): Dr. Amina Murad, Dr. Muhammad Abid Ali, Sabahat Anwar

Abstract:

Humanity is plagued with problems at all levels of existence due to the confusion created by theories related to human nature, learning, and development of Self. Attempting to explain human behavior, the theories fail to capture the presence of the human soul, which forms the essence of understanding all human behaviors. Iqbal's philosophy of human nature and self-growth are rooted in the Holy Qur'an, yet they have been globally popular and recognized. Khudi is the focal point of his philosophy, connecting all other ideas to Khudi. According to Iqbal, education aims to produce highly self-actualized individuals who would ensure society's progress in all dimensions of life. Conclusively, all human activities either nurture the Khudi or weaken it. Since Khudi develops in tension, education must provide the youth with the right environment to seek high goals to prevent individuality from regression. Iqbal has cogently advocated the elements vital to strengthening the Self and ensuring the continuous process of self-actualization.

This qualitative study explores Iqbal's propositions for self-transformation into a well-developed personality which demands that parents and educators must be well-informed of the nature and dynamics of the human Self. This qualitative exploratory study employed hermeneutics to interpret primary and secondary literature related to Iqbal and exegetically deciphered allegorical connotations and recommendations through content analysis.

Results show that Tawheed is the foundation of a strong Self. A challenging environment providing freedom for creativity, satisfying the urge for psychological development is vital. Exposure to good role models, art, and literature presents high ideals for youth to make meaningful goals and create a desire to achieve them. Iqbal also propounds that courage, abstinence and lawful earning fortify individuality. These characteristics ensure that the youth continuously challenge the environmental forces to avoid distractions that suppress the growth of the Self. A strong Self is a pre-requisite to successfully play one's role as vicegerent on earth, become a productive member of society to prepare Self to stand alone for accountability on the Day of Judgment. The study recommends inclusion of these elements through practical activities in curriculum at all levels all the way to higher education.

Keywords: creativity, individuality, Iqbal's educational philosophy, khudi, human nature

Title: Unconventional Classrooms: Creative Teaching for Holistic Growth

Research Scholar (s): Syeda Hareem Fatima, Dr. Rizwana Faseel

Abstract:

This study investigates the concept of unconventional classrooms and the transformative role of creative teaching in fostering holistic development among learners. Traditional education systems often prioritize rote learning and standardized assessments, which may stifle critical thinking, creativity, and emotional intelligence. In contrast, unconventional classrooms employ innovative teaching methodologies to address diverse learning needs, promote inclusivity, and cultivate a dynamic educational environment. By exploring pedagogical strategies such as project-based learning, experiential education, flipped classrooms, and the integration of arts, technology, and mindfulness, this research highlights how creative teaching nurtures cognitive, emotional, social, and ethical growth.

Using a mixed-methods approach, the paper incorporates qualitative data from case studies and quantitative analysis of global educational outcomes. Examples include the Finnish education system's emphasis on collaboration, the Reggio Emilia approach to early childhood education, and technology-driven flipped classrooms that foster self-directed learning. Findings reveal that unconventional classrooms enhance students' engagement, creativity, and emotional intelligence while improving academic performance. The study advocates for educational reforms that embrace creativity, flexibility, and student-centric learning experiences to prepare learners for the challenges of the 21st century.

Keywords: Unconventional Classrooms, Creative Teaching, Holistic Development, Alternative Education, Innovation in Learning, Experiential Learning, Student-Centric Education

Title: Teaching vital life skills at secondary education helps students to become ready for the real world

Research Scholar (s): Syeda Fatima Rizwan, Dr. Rabia Abdul Karim

Abstract:

The researcher examines how secondary education helps students become ready for the real world by teaching them vital life skills. Schools are seen as having a significant role in laying the groundwork for post-secondary education and cultivating critical competencies required for both career and personal success. For pupils to successfully handle difficulties, regulate stress, and negotiate challenging social and professional contexts, life skills education is essential. These abilities, which are essential for preparing students to be successful leaders and problem solvers, include critical thinking, communication, problem solving, leadership, and management. In this study researcher investigates the degree to which secondary private schools in Gulberg Town, Karachi, are adopting these vital life skills. The study is important because secondary school students are expected to make substantial contributions to society as they prepare to enter the workforce. Its goal is to evaluate how much of the curriculum at these institutions is devoted to the development of life skills.

Using basic random sampling, data from 30 teachers and 70 pupils from 12 private schools were gathered as part of a quantitative, descriptive study strategy. Data collected through questionnaire data collection tool. The percentile approach of data analysis showed that 70–75% of the schools assessed actively work to help their students build life skills. However, a shortage of qualified teachers and a poor emphasis on teaching life skills are to blame for the 25–30% of schools that are falling behind. This data points to a sizable disparity in the general life skills development in a sizable number of schools, which may affect pupils' preparedness for upcoming difficulties.

The results of this study highlight the necessity of teaching life skills in secondary schools in a more methodical manner. It pushes for the inclusion of life skills in the basic curriculum of educational institutions and supports teacher training programs that concentrate on fostering these vital abilities. By doing this, educators can make sure that all students—regardless of background—are better equipped to handle obstacles in the future and develop the flexibility, capability, and self-assurance they will need as they enter adulthood. The conclusions of the research are as a call to action for educators, school administrators, and educational officials to close the achievement gap and guarantee that all private sector schools offer a thorough education in life skills.

Keywords: Life skills education, Secondary-level students, Communication skills, Problem-solving, Teacher training, Private sector schools.

Title: The role of education on women's socio-cultural empowerment in newly merged Districts of Khyber Pakhtunkhwa.

Research Scholar (s): Mahnaz Iqbal Yousafzai

Abstract:

As a fundamental social institution, education plays a vital role in shaping society. The institution of education is a bed-rock of societal norms, values, and progress. It is dynamic for the development and prosperity of society and in the transformation of knowledge and promoting human empowerment, despite gender.

The objective of the study was to measure the influence of education on women's socio-cultural empowerment in the newly merged districts. The nature of the study was quantitative. Sample size of 225 (female schoolteachers) were selected through the Krejcie and Morgan sample size determination table from three districts Khyber, Mohmand and Kurram newly merged districts. The data were collected from 225 schoolteachers (Primary, Middle, and High) through structured questionnaires and then were analyzed.

The data was analyzed using the Statistical Package for Social Sciences (SPSS) software, and the results were presented in a clear and concise manner through tables and frequency distributions. Findings of the study showed that: Women's responses 62.96% showed that education supports her to solve gender inequality in society. 42.10% of teachers responded that education promotes her to modify the cultural norm in the society respondents. 61.1% of respondents believed education facilitates women to bring change in her working position in the society. 55.5% of those surveyed believed that education helps her to reduce female drop out ratio in learning institute. The respondents, who made up 52.63%, agreed that education empowers her to know rights regarding property which has a positive influence on women’s empowerment.

The result shows that education can evolve women's socio-cultural empowerment in the real sense in newly merged districts of Khyber Pakhtunkhwa. It is recommended that awareness workshops, seminars, and training should be needed both for female teachers and the general community regarding the importance of education and how education empowers women socio-culturally.

Keywords: Education, Women socio-cultural Empowerment.

Title: The effects of extra homework on the students' wellbeing at primary level in private schools in Karachi, Pakistan

Research Scholar (s): Maira Sher, Dr. Rabia Abdul Karim, Prof. Dr. Anila Fatima Shakil

Abstract:

The effects of excessive homework on the students of primary level of education are examined in this study. It looks at the quantity of homework being assigned to primary students and how it affects scholastic achievement of students, their performance, quality of life, and overall well-being. It also considers how excessive homework may lead to physical and emotional issues, such as sleep deprivation, stress, and anxiety. The study also explores the various interventions that can be employed to reduce the amount of homework assigned and improve student outcomes. The research will draw data from primary schools across the town.

Through an extensive literature review, primary quantitative data by using descriptive method from a survey-based questionnaires of primary school teachers, parents and students, the survey was done with 30 parents, 30 teachers and 60 students from different age groups and socioeconomic backgrounds at primary level. The data collected by the respondents were studied and analyzed through percentage and graphical methods. The high percentage of indicated variables i.e. stress 100%, mental and physical health 98%, social & psychological status 21%, parental involvement 72%, academic performance 67% and policies & guidelines 13%; reflects the intensity of extra homework that impacts on students. It was found through the results that there is a strong association between excessive homework and students' wellbeing and development.

Furthermore, lack of guidelines regarding assigned homework at school level also creates hurdles for students as well as for future progress. In the light of results, recommendations were also presented for school administrators, teachers and policy makers to reduce the pessimistic impact of excessive home assignments on primary level students to improve their academic performance, quality of life, and overall well-being. It also provides school administrators and teachers with information on the potential physical, emotional, and psychological effects of homework overload on students, and it can lead to the development of strategies to create a healthy learning environment in primary schools.

Keywords: Excessive stress, Academic performance, Inclusive health, Psychological development

Title: Bloom Taxonomy versus Islamic Educational Theories – A Study in Perspective of Thoughts of Islamic Academicians

Research Scholar (s): Dr. Maqbool Hassan

Abstract:

The work “Bloom Taxonomy versus Islamic Educational Theories – A Study in Perspective of Thoughts of Islamic Academicians” examines the relationship between Bloom’s Taxonomy and the principles of Islamic educational theories, as well as how these theories contribute to modern education. Bloom's Taxonomy is a well-established framework used for creating instructional objectives and assessments across various educational contexts. It helps educators align their teaching and assessment strategies with the intended learning outcomes. This paper compares Bloom’s Taxonomy with Islamic Educational theories, exploring the perspectives of Islamic scholars on education and its implications for contemporary learning. It emphasizes that modern education can gain from integrating both Bloom’s Taxonomy and Islamic Educational theories.

The study employs a qualitative approach, utilizing primary sources such as the Quran, Hadith, insights from Islamic scholars, and relevant literature from education and related fields.

The findings indicate that while Bloom’s Taxonomy primarily targets cognitive development, Islamic Educational theories advocate for a more holistic approach that includes spiritual, moral, and emotional growth.

Additionally, these theories stress the importance of incorporating the Quran and Sunnah into teaching and learning practices. The implications of this approach suggest that educators should take into account the cultural and religious backgrounds of their students, fostering a diverse perspective in their teaching methods.

This paper also offers valuable insights for educators and policymakers aiming to develop an inclusive and effective education system that benefits all learners, regardless of their cultural and religious backgrounds. Ultimately,this study underscores the necessity for a well-rounded approach to education that addresses both cognitive and non-cognitive development. By combining Bloom's Taxonomy with Islamic educational theories, teachers can develop a more comprehensive and effective teaching and learning strategy. This approach allows for a well-rounded education that supports both cognitive and holistic growth. Furthermore, incorporating Islamic values and principles into the curriculum can enhance the learning experience for Muslim students and foster a more inclusive environment for all. The paper also emphasizes the importance of conducting further research to assess the impact of merging Bloom’s Taxonomy with Islamic educational theories in educational practices.

Keywords: Bloom’s Taxonomy, learning domain, Educational theories, Islamic academicians, Quran, Sunnah.

Title: User confidence and engagement in AI data collection systems, based on privacy, transparency, ethical concerns, and usability and reliability

Research Scholar (s): Dr. Aisha Shaikh

Abstract:

The study has investigated how they affect user confidence and engagement in AI data collection systems, based on privacy, transparency, ethical concerns, and usability and reliability. We conducted in-depth insights into user experiences through qualitative methods including semi-structured interviews and focus groups. According to the findings, there is great concern for data privacy, the need for transparency with data practices, the necessity of user-friendly interfaces, ethical considerations around AI bias, and the imperative that the data be gathered accurately and reliably. Discussing these challenges and opportunities informs future design directions for developing more effective AI data collection technologies.

Keywords: AI Data Collection, User Trust, Privacy Concerns, Transparency, Usability, Reliability, User Engagement, User-Centric Design, Algorithmic Bias, Data Integrity, Digital Experiences

Title: Mathematical modeling of wind turbine prototype

Research Scholar (s): Muhammad Sufain, Dr. Muhammad Javaid Afzal

Abstract:

This study explores the mathematical modeling of wind turbines, focusing on optimizing energy conversion efficiency through advanced design principles and environmental compatibility. Wind turbines are essential devices in renewable energy systems, converting kinetic energy from wind into electrical power. The presentation delves into key components such as blades, rotor, nacelle, and generator, explaining their roles in the energy transformation process. It emphasizes the mathematical equations governing wind power, including the Betz Limit, which sets the theoretical maximum efficiency of wind turbines at 59.3%.

The study uses analytical methods to evaluate power output based on variables such as air density, swept area, wind speed, and power coefficient. It highlights the Siemens Gamesa 14-222DD turbine as a case study, renowned for its direct drive technology and a 14 MW capacity, making it a reliable choice for regions like Karachi, where average wind speeds range between 5–8 m/s. The model demonstrates that power output is proportional to the cube of wind speed, emphasizing the importance of optimal blade design and placement to harness maximum energy.

The findings suggest that adopting longer blades, direct drive systems, and strategic site selection can enhance turbine efficiency and reduce maintenance costs. The Siemens Gamesa model aligns well with Karachi's wind conditions, offering quieter operation, higher reliability, and improved energy output. The study concludes with recommendations for implementing wind turbine systems in wind-rich regions to meet local energy demands sustainably. This research contributes to renewable energy advancements by integrating mathematical modeling with practical applications, ensuring efficiency and environmental compatibility.

Keywords: Betz Limit, Power Coefficient, Direct Drive Technology, Mathematical Modeling, Renewable Energy, Wind Turbine

Title: Impact of Particle Size on the Lead Filtration Efficiency of Cyclone Separator by ANSYS Computational Fluid Dynamics

Research Scholar (s): Mohammad Abdul Moeed, Dr. Muhammad Javaid Afzal, Muhammad Talha Khan

Abstract:

Environmental contamination is a serious global concern. Every year, about 5.5 million people die prematurely as a result of heavy metal-related air pollution. Reducing exposure to heavy metal air pollution can save several lives. Some heavy metals, such as iron (Fe) and zinc (Zn), are essential and beneficial to human health. Some heavy metals, such as lead (Pb) and cadmium (Cd), harm human health. Different studies revealed that lead is extremely harmful to human health. Lead particles are non-biodegradable and can cause a variety of serious ailments, including cancer, kidney and liver damage, anemia, gastrointestinal damage, lower IQ levels, less creativity in children, and nervous system disorders. Cyclone separators are dazzling devices that separate material particles from fluids. They are commonly employed in industries to separate various solid particles. In this study, the computational fluid dynamics (CFD) technique of ANSYS is utilized to investigate the effectiveness of lead particle filtration in a cyclone separator. The cyclone separator for this study was developed using ANSYS Fluid Flow with a height of 0.13m, an output height of 0.0628m, an intake height of 0.161m, and a depth of 0.15m. Filtration uses net particles ranging from 4 μm to 6.5 μm, with an entrance velocity of 3 m/s. The cyclone separator has a minimum efficiency of 21.68% for particles with a size of 4 μm. This study achieved a maximum filtering effectiveness of 84.15% for particles as small as 6.5 μm.

These simulations demonstrate that the filtration effectiveness of the cyclone separator is directly proportional to the size of the lead particle. This study concluded that cyclone separators are good for removing lead particles from the air.

Keywords: Lead particles, ANSYS, Cyclone Separator, Filtration Efficiency, CFD

Title: Beyond Accuracy: Enhancing Heart Disease Predictions with Explain ability Using SHA

Research Scholar (s): Dr. Bilal Ahmed, Prof. Dr. Jinfu Chan

Abstract:

1. Introduction Heart disease is a leading cause of death worldwide, responsible for an estimated 17.9 million deaths each year. According to US Centers for Disease Control and Prevention (CDC) report [1], someone has a heart attack every 40 seconds in the United States alone. The economic burden of heart disease is also substantial, with direct medical costs and lost productivity totaling billions of dollars annually. Early detection and timely intervention are critical for improving patient outcomes. Machine learning (ML) and deep learning (DL) have demonstrated remarkable success across various domains, including healthcare, cybersecurity, optimization, and image analysis, as evidenced by studies on digital watermarking schemes [2], public sentiment analysis on healthcare practices during COVID-19 [3], [4], advanced optimization algorithms [5], improved classification models for various types of cancer [6], [7], metastases detection in histopathological images [8], protein–ligand docking [9], encrypted traffic detection [10], Android malware classification [11], weakly-supervised object localization [12], enhanced dialogue system testing [13], and integrated COVID-19 diagnosis [14]. Artificial intelligence, specifically DL, and ML offers a promising approach to enhance heart disease prediction by analyzing complex datasets and identifying patterns that may not be apparent through traditional methods.

2. Proposed Methodology This study employed a comparative analysis of twelve classification algorithms to predict heart disease. The dataset used for this analysis contained features relevant to heart health, including cholesterol levels, blood pressure, age, and other relevant clinical indicators as shown in Table 1. The performance of each algorithm was evaluated using key metrics: accuracy, ROC-AUC (Area Under the Receiver Operating Characteristic curve), recall, precision, and F1 score. These metrics provide a comprehensive assessment of the models' ability to correctly classify individuals with and without heart disease.

Table 1: Clincal features of the dataset used for training ML/DL models.

Feature	Full Form	Possible Values
age	Age in years	Integer (e.g., 29, 45, 62)
sex	Sex	0 = Female, 1 = Male
cp	Chest Pain Type	0 = Typical angina, 1 = Atypical angina, 2 = Non-anginal pain, 3 = Asymptomatic
trestbps	Resting Blood Pressure	Integer (in mm Hg)
chol	Serum Cholestoral	Integer (in mg/dl)
fbs	Fasting Blood Sugar	0 = False (≤ 120 mg/dl), 1 = True (> 120 mg/dl)
restecg	Resting Electrocardiographic Results	0 = Normal, 1 = ST-T wave abnormality, 2 = Left ventricular hypertrophy
thalach	Maximum Heart Rate 1 Achieved	Integer
exang	Exercise Induced Angina	0 = No, 1 = Yes
oldpeak	ST Depression Induced by Exercise Relative to Rest	Float (e.g., 0.0, 1.2, 3.5)
slope	Slope of the Peak Exercise ST Segment	0 = Upsloping, 1 = Flat, 2 = Downsloping
ca	Number of Major Vessels Colored by Flourosopy	Integer (0-3)
thal	Thalassemia	0 = Error/NaN, 1 = Fixed defect, 2 = Normal, 3 = Reversable defect
target	Disease Status	0 = No disease, 1 = Disease

We tested 12 classification algorithms included Naive Bayes, Logistic Regression, Linear Discriminant Analysis, Nearest Neighbors, Decision Tree, Support Vectors, Quadratic Discriminant Analysis, AdaBoost, Random Forest, Gradient Boosting, Nu SVC, Neural Networks. To further enhance the interpretability of the models, SHAP (Shapley Additive Explanations) analysis was conducted. SHAP values provide insights into the contribution of each feature to individual predictions, allowing for a better understanding of the factors driving the model's output. This explainability is crucial for building trust in machine learning models within the healthcare domain.

3. Results The results of the comparative analysis (Table 2) revealed varying performance across the twelve classification algorithms. Logistic Regression achieved the highest F1-score of 0.85, demonstrating a strong balance between recall (0.90) and precision (0.83). This balance is particularly important in heart disease screening, where both false negatives (missed diagnoses) and false positives (incorrect diagnoses) have significant consequences. While Neural Networks achieved the highest recall (0.95), indicating its ability to minimize false negatives, Quadratic Discriminant Analysis demonstrated the highest precision (0.87), minimizing false positives. However, considering the need to minimize both types of errors, Logistic Regression emerged as the most suitable model due to its balanced performance.

Table 2: Various performance measures for 12 ML/DL models for heart disease prediction

	ML/DL Model	Precision	Recall	ROC_AUC	F1	Accuracy
1	Neural Networks	0.68	0.95	0.87	0.79	77.5962
2	Linear DA	0.8	0.89	0.92	0.84	84.2886
3	Support Vectors	0.57	0.88	0.79	0.69	64.2114
4	Random Forest	0.81	0.83	0.92	0.82	82.9422
5	Gradient Boosting	0.77	0.88	0.91	0.82	81.6057
6	AdaBoost	0.75	0.92	0.86	0.82	81.6057
7	Decision Tree	0.8	0.82	0.81	0.81	81.6057
8	Nu SVC	0.73	0.9	0.91	0.81	80.2692
9	Nearest Neighbors	0.54	0.32	0.61	0.41	54.8559
10	Quadratic DA	0.87	0.83	0.9	0.86	84.2886
11	Logistic Regression	0.83	0.90	0.92	0.85	85.6251
12	Naive Bayes	0.78	0.85	0.93	0.81	81.6057

SHAP analysis provided valuable insights into the feature importance. The analysis highlighted cholesterol levels, blood pressure, and age as significant contributors to the predictions, aligning with established clinical knowledge regarding risk factors for heart disease. This explainability reinforces the clinical relevance of the chosen model and its predictions.

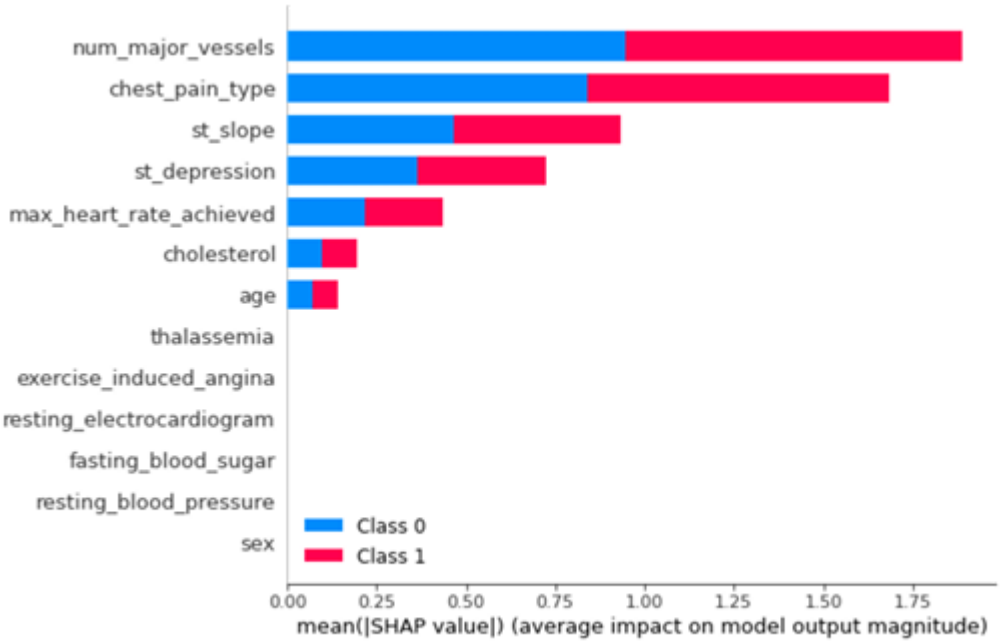

Figure 1: Features importance explanation of various clinical features with the help of SHAP

4. Discussion and Conclusion This study evaluated twelve classification algorithms for heart disease prediction, emphasizing the importance of balancing precision and recall in this critical healthcare application. The results demonstrate that Logistic Regression, with its high F1-score (0.85) and balanced performance across recall (0.92) and precision (0.83), offers an optimal trade-off for heart disease screening. While other models excelled in individual metrics (e.g., Neural Networks in recall, Quadratic Discriminant Analysis in precision), Logistic Regression provided the best overall balance, minimizing both false positives and false negatives. The integration of SHAP analysis significantly enhances the clinical utility of the model. By identifying key contributing features like cholesterol levels, blood pressure, and age, SHAP provides clinicians with a clear understanding of the factors driving the model's predictions. This explainability is crucial for fostering trust and acceptance of machine learning tools in healthcare settings. This study supports the adoption of Logistic Regression with SHAP explainability for heart disease screening. This approach offers a robust and interpretable method for identifying individuals at risk, potentially leading to earlier interventions and improved patient outcomes. Future research could explore the application of these methods on larger and more diverse datasets, as well as investigate the integration of other explainability techniques.

Keywords:

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Panel Discussion

The distinguished members participated in the panel discussion from various locations on the Zoom platform online to discuss the paper presented on the subject.

Moderator: *Dr. Tariq Khan (UAE)*

Panelists:

Prof. Dr. Iftikhar Ahmed Baig (Pak)	*Dr. Amina Murad*
Prof. Dr. Abida Batool	*Dr. Maqbool Hassan*

Title: *Strengthening Khudi: Iqbal's Propositions*

Recording:
https://youtu.be/9oVzajS5R-g

Panel Discussion

The distinguished members participated in the panel discussion from various locations on the Zoom platform online to discuss the topic.

Moderator: *Dr. Tariq Khan (UAE)*

Panelists:

Prof. Dr. Iftikhar Ahmed Baig	*Dr. Aziza Anjum*
Mr. Ikram Barkat	*Dr. Maqbool Hassan*

Title: *PEMRA's Role & Responsibilities in cultivating the society culture.*

Recording:
https://youtu.be/iFkqMbY2PZs

Conference Summary Report

The 4th HIBA International Conference concluded successfully with the online OLC Zoom platform.

It was a great learning & networking opportunity for the educationists, research scholars, faculty members & students.

Earlier, the ten themes call for papers were given with the vision:
"Basic & Quality Education for Character Building & Leadership".

The focus was given on artificial intelligence adoption in conducting research studies.

The conference was started with a recitation of the Holy Quran by Hafiz Syed Daniyal & Naat-e-Rasool (SLAW) by Mohammad Noman.

The participants of the HIBA Conference were welcomed by a message from Honorable Lubna Bint Al Hashmi, Director HIBA - OLC Canada.

The HIBA Conference was chaired by Prof. Dr. Iftikhar Ahmad Baig, HIBA Consultant Pakistan.

The Chief Guest was Prof. Dr. Atta ur Rahman, FRS. Professor Emeritus, University of Karachi, Pakistan.

Dr. Ghulam Ali Mallah, Director IBCC, Govt of Pakistan was invited as the Special Guest.

Keynote Speakers:

1) Prof. Dr. Aida Bint Mustafa - Malaysia
2) Prof Dr Shahida Sajjad - Pakistan
3) Dr. Nooraini Bint Youp - Malaysia
4) Dr. Ahmad Humaizi - Malaysia

Session Chairs:

1) Prof. Dr. Muhammad Irfan Khan
2) Prof. Dr. Akhtar Hussian Sandhu
3) Prof. Dr. Muhhammad Ishaq
4) Dr. Gulnaz Naeem
5) Dr. Muhammad Javaid Afzal
6) Dr. Samreen Bari Aamir

Presenters:

1) Dr. Aysha Khalil
2) Dr. Rizwana Muneer
3) Dr. Amina Murad
4) Dr. Maqbool Hassan
5) Dr. Aisha Shaikh
6) Dr. Bilal Ahmed,
7) Nawal Aamir Khan
8) Munib Ali
9) Iffat Sultana
10) Ayesha Syed
11) Syeda Hareem Fatima
12) Syeda Fatima Rizwan
13) Mahnaz Iqbal Yousafzai
14) Maira Sher
15) Muhammad Sufain
16) Mohammad Abdul Moeed

The HIBA Conference schedule was very tight to be completed.
Each presenter was just given 10 minutes to present their research findings.

Great efforts from OLC Canada and HIBA teams and the volunteers in arranging this activity successfully.

A large number of participants attended the HIBA Conference online from Australia, Canada, China, Malaysia, Pakistan, Turkey, UAE, UK, USA & other places.

The OLC Canada has provided a unique platform "HIBA Scholars" for collaboration and innovation within the education sector by conducting the HIBA Conferences & Webinars.

This gathering of educators, policymakers, thought leaders and research consultants fosters meaningful discussion on the latest advancement and obstacles in the quality of education & research practices.

The great scientist,

Prof. Dr. Atta ur Rahman, FRS was the Chief Guest in the closing ceremony.

Dr. Atta delivered a wonderful keynote speech. He highlighted the various development & innovation initiatives taken in the field of Science & Technology.

The Special Guest, Dr. Ghulam Ali Mallah informed about the measures taken by Government of Pakistan for the improvement in the Quality of Education.

Earlier, keynote speeches & presentations were delivered by the research scholars from Australia, Canada, China, Malaysia, Pakistan, Turkey & other countries.

The conference concluded with closing remarks by Prof. Dr. Ifthikhar Ahmad Baig, and a vote of thanks by Ms. Lubna Bint Al Hashmi, followed by awards and certificates distribution.

Conclusion

*The HIBA-2024 conference successfully promoted an interdisciplinary exchange of ideas focusing on **innovation, educational quality, and moral integrity**. The event underscored the vital role of technology and character-based education in building a sustainable, ethically sound global community.*

*Organizers and participants expressed appreciation for the collaborative efforts of **OLC Canada** and **HIBA International University** marking the conference as a meaningful contribution to global academic discourse.*

The OLC Canada has a qualified team of research consultants who review the submitted abstracts & give their feedback before those are presented in the HIBA Conferences & are published in various Partner's Journals.

*The OLC Canada invites institutions & organizations to join OLC as a "**Knowledge Partners**" to collaborate on the educational & research projects.*

HIBA Conference Manager
OLC Canada
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Facebook: Dr. Hashmi IBA - HIBA
Facebook: OLC Canada
www.101cmc.com/hiba

Recordings:
Morning Session
https://youtu.be/dtN764WruMU

Afternoon Session
https://youtu.be/MjSOxEefch8

HIBA 2024

HIBA Conference

4th International Conference (BEST)

Research papers, Case Studies & panel discussions

Prof. Dr. Atta-ur-Rahman, FRS

Certificate of Participation

This certificate is awarded to the participants of the HIBA Conference held on December 28, 2024
Organizers: HIBA International University & OLC

One-O-One Certified

Engineer Syed Nafees Hassan
Director Training & Research
Ontario Learning Centers
Ontario, Canada

Prof. Dr. Iftikhar Ahmed Baig
Conference Chair
HIBA Consultant
Pakistan

Dr. Hashmi IBA - HIBA
Ontario Learning Centers
WhatsApp: +1 905 580 3152
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http://pjer.org/index.php/pjer

Pakistan Journal of International Affairs (PJIA)
http://pjia.com.pk/index.php/pjia

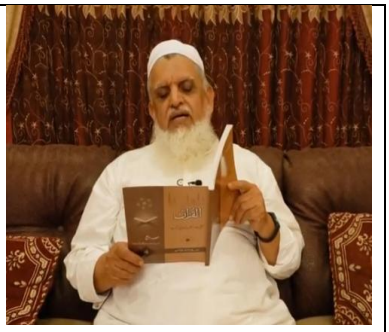
Islamic Sciences
http://islamicsciences.org/index.php/islsci

Bahria University Journal of Humanities and Social Sciences (BUJHSS)
https://bujhss.bahria.edu.pk/index.php/ojs/about-the-journal

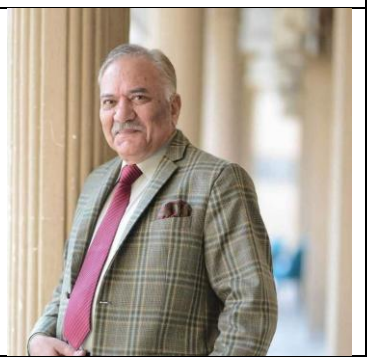
The International Journal of Trends and Innovations in Business & Social Sciences (TIBSS)
https://journals.irapa.org/index.php/TIBS/index

Pakistan Journal of Emerging Science and Technologies (PJEST)
https://pjest.net/index.php/pjest

Dr. Muhammad Asif Qureshi, Ph.D. Mathematics (Commutative Algebra) University of Edinburgh (U.K.) 45 years teaching and administrative experience at university level. Advisor of different educational organizations Several research publications in Mathematics and articles on different topics related to Education and religion. Consultant OLC Canada.	
Eng. Syed Nafees Hassan, Graduate BE (Civil) 1974 NED University & Technology, Karachi. Great experience of construction & project management. Worked in & outside Pakistan, Iraq, Saudi Arabia, UAE, China. Vocal speaker. Have vast knowledge of difficulties & problems faced by Engineers & and Graduates after completing studies in Pakistan. Observed the behavior of Graduates going for studies & jobs in different environment outside Pakistan. Supported students least interested in research & deep study of subject assigned to them. Excellent resource person & mentor for engineering research studies. Consultant OLC Canada.	
Dr. Maroof bin Rauf is a young, inspiring professional who teaches in the Department of Education at Karachi University. As an HEC-approved supervisor, he has more than 40 research papers. His more than 10 students have done M.Phil and the same number have taken admission in M.Phil and Ph .D. Determined to do something new and bigger in the field of education and research, He has won 6 research projects from USAID and HEC. It is also an honor that he went abroad for training.	
Dr. Tariq Khan is a senior academician having a strong background in higher education, thermal energy systems, renewable energy and energy efficiency, multiphase flows, experimental heat transfer and applied refrigeration. His diversified research work has been published in international journals of repute and presented at international conferences. He has several years of international working experience in different academic and industrial organizations. He is a Fellow of Higher Education Academy United Kingdom. He is also a member of international technical societies and organizations.	

Dr. Mohammad Ishaq Mansoori Ph. D Arabic Language & Literature Chairman Arabic Department University of Karachi (2003 - 2006)	

Professor. Dr. Shahida Sajjad is currently serving as the Pro-Chancellor, Metropolitan University, Karachi. Worked at many senior positions in public and private sectors as; Vice Chancellor Metropolitan University, Karachi. Vice Chancellor Malir University of Science & Technology, Karachi, • Dean Faculty of Education at University of Karachi, • Professor, & Chairperson Department of Special Education, University of Karachi • Dean Faculty of Education at Federal Urdu University of Arts Science & Technology, • Dean Faculty of Social Sciences & Humanities at Greenwich University, • Corporate Manager Human Resource Development at Pakistan Services Limited, (Owner & Operator of Pearl Continental Hotel Chains) • Consultant at Institute of Chartered Accountants of Pakistan, • Trainer & Consultant for Asian Development Bank, etc. She took part in many International and National conferences, training programs, workshops, and seminars in different countries including; Japan, China, Australia, Switzerland, USA, Italy, France, Spain, U.K., Turkey, Bahrain, Hong Kong, Mauritius, Bangladesh, Siri Lanka, India, and Singapore. Author of two books and more than 50 research papers and author of a chapter in The Praeger International Handbook of Special Education, 2017 (3rd ed., pp. 104-117). Santa Barbara, California: The Praeger.	

Dr. Aftab Khan has over 25 years of experience in the field of Special Education. He completed his Master's and Master of Philosophy degrees in special education from the University of Karachi, Pakistan. He was a faculty in the Department of Special Education at the University of Karachi. Currently, Dr. Khan is working as an Associate Professor of Special Education in the Department of Education and Counseling at Longwood University, Virginia, USA, where he teaches both undergraduate and graduate-level courses. Dr. Khan has also received his Master's and Doctoral degrees in Developmental Psychology and Education from the University of Toronto, Canada. At the University of Toronto, he was involved in a large project investigating 'Wisdom Around the World'. He is passionate about learning about individuals with exceptionalities, especially those diagnosed with Autism Spectrum Disorder. Dr. Khan's over 25 years of experience in the field of Special Education including teaching undergraduate and graduate students at the university level, training professionals and paraprofessionals within the school district level, and training parents in the community makes him an authority in his field.	
Dr. Iftikhar Ahmad Baig is a veteran scholar and professor of Education at International Open University the Gambia. He is a well-known researcher and academician. He has guided and supervised 34 PhD thesis and more than half a century of MPhil.	

Dr. Sajida Parveen is Ph.D in Public Administration and Management Sciences, University of Karachi. Having 35 years of administration at senior level of college education. Deputy Director hr, inspection, inspector of colleges etc. Associated with renowned university to teach and supervise thesis. Involved in policy planning, development, and implementation. Member of various NGOs & organizations NIPA, NILAT, etc., pin of UNDP as 38 tot trainer. Media scholar, moderator, anchor and news castor. Conducted local govt, gender sensitization, planning & development programs. Passionate for education system reforms as change agent.	

Dr. Junaid Ahmed Zubairi has a well-established academic career and proven record of research and scholarly pursuit. He received his BE (Electrical Engineering) from NED University of Engineering, Pakistan, and his MS and Ph.D. (Computer Engineering) from Syracuse University, USA. Currently, he is a SUNY Distinguished Professor and department chair of Computer Science, Physics, Math, and Geology at SUNY Fredonia campus, New York, USA. Dr. Zubairi is a senior member of IEEE.

Dr. Syed Misbahuddin received a BE degree in Electronics from NED University of Engineering and Technology, Karachi, Pakistan. MS from King Fahd University of Petroleum and Minerals, Dhahran Saudi Arabia and Doctorate in Electrical Engineering from University of Detroit Mercy, Detroit MI, USA. Syed Misbahuddin has been in academia since last more than 25 years. Currently, he is professor in School of IT Administration and Security in Seneca College, Toronto, Canada. He has contributed several research publications in the area of Computer Science and Engineering.

Dr. Gulnaz Naeem is an Associate Professor and Head of the Department of Islamic Studies at Benazir Bhutto Shaheed University, Lyari, Karachi. With over a decade of experience in academia, she has held multiple leadership positions, including serving as a member of the Syndicate, Academic Council and Board of Studies. Her academic expertise spans Islamic Studies, with significant contributions in research on Islamic perspectives in modern contexts. Dr. Naeem has also organized numerous national and international conferences and workshops, contributing to the discourse on Islamic banking, education, and societal challenges.
Dr. Naeem holds a PhD from the University of Karachi and is actively engaged in publishing scholarly articles on various topics. Additionally, she is a member of several prestigious academic bodies and editorial boards, underscoring her commitment to advancing research in Islamic studies globally.

She is HEC certified Master Trainer and has organized a Continuous Professional Development Program for the faculty members of the university on behalf of HEC. She has launched a research journal on behalf of BBSU titled, Benazir Research Journal of Humanities and Social Sciences (BRJHSS). Being a learner, she has recently joined the Postdoc Fellowship Program of Islamic Research Institute, International Islamic University, Islamabad.

Prof. Dr. Atta-ur-Rahman, FRS
Professor Emeritus -
International Centre for Chemical and Biological Sciences
University of Karachi.
Former Federal Minister Science & Technology/Chairman HEC.
UNESCO Science Laureate. Academician Chinese Academy of Sciences.
1559 international publications & 391 books.
Received Civil Awards: Tamgha-i-Imtiaz (1983), Sitara-i-Imtiaz (1991),
Hilal-i-Imtiaz (1998), Nishan-i-Imtiaz (2002).

Prof. Atta-ur-Rahman obtained his Ph.D. in organic chemistry from Kings College, University of Cambridge (1968).

He has over 1559 international publications in several fields of organic chemistry (h index 76, citations 38,200) (https://scholar.google.com/citations?user=bSBNj1MAAAAJ) including 86 international patents, 70 chapters in books, 875 research publications, and 391 books (11 authored and 380 edited).

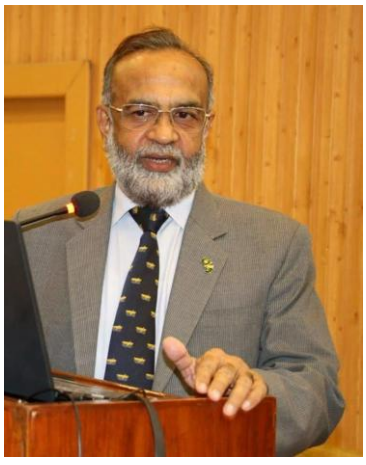
Prof. Rahman was elected as Fellow of the prestigious Royal Society (London) on 14th July 2006. He won the prestigious UNESCO Science Prize (1999) and was elected Honorary Life Fellow of Kings College, Cambridge University, UK (2007). Prof. Rahman has been conferred honorary doctorate degrees by many leading world universities including Cambridge University (UK) (1987), Coventry University (UK) (2007), Bradford University (UK) (2010), Asian Institute of Technology (Thailand) (2010) and University of Technology Mara, (Malaysia) (2011).

Prof. Atta-ur-Rahman was conferred The World Academy of Sciences (TWAS) (Italy) Prize for Institution Building in October (2009) and the high civil award ("Grosse Goldene Ehrenzeischen am Bande") by the Austrian government (2007) and the highest scientific award "The International Science & Technology Cooperation Award" (2020). conferred by the President of China, He also served as Vice President of TWAS.Prof. Rahman was appointed Academician (Foreign Member) of the prestigious Chinese Academy of Sciences (2015) and he is Fellow (Foreign Member) of the Korean Academy of Science and Technology.

Prof. Rahman is the most decorated scientist of Pakistan having won four civil awards including Tamgha-i-Imtiaz (1983), Sitara-i-Imtiaz (1991), Hilal-i-Imtiaz (1998), and the highest national civil award Nishan-i-Imtiaz (2002). Prof. Atta-ur-Rahman was the Federal Minister for Science and Technology (14th March, 2000 – 20th November, 2002), Federal Minister of Education (2002) and Chairman of the Higher Education Commission with the status of a

Federal Minister from 2002-2008. https://en.wikipedia.org/wiki/Atta-ur-Rahman_(chemist) Atta-ur-Rahman was born on 22 September 1942 in Old Delhi into an Urdu-speaking academic family.[8] His grandfather, Sir Abdur Rahman, was a vice-chancellor of the University of Delhi (1934–38) who briefly served as a judge at the Madras High Court.	

Dr. Ghulam Ali Mallah, Executive Director of the Inter Boards Coordination Commission (IBCC), is a renowned educationist with over 26 years of transformative contributions to Pakistan's education sector. A post-doctoral scholar in Educational Technology and Academic Leadership from the University of Glasgow, Dr. Mallah has been instrumental in elevating IBCC from a committee of chairmen to a dynamic commission. Under his visionary leadership, IBCC has achieved significant milestones, including the implementation of e-office systems, exam reforms, the launch of a Model Assessment Framework, capacity-building programs for exam boards, national and international collaborations, and ISO certification, to name a few. His dedication to innovation and policy excellence continues to align Pakistan's education system with global standards, bringing transparency, inclusivity, and progress in teaching, learning and assessment practices.	

Prof. Dr. Irfan after serving more than 37 years in higher education (three universities), retired in April this year as Dean of the Faculty of Sciences, International Islamic University, Islamabad. He served as Professor of Environmental Science for more than 17 years. Dr. Muhammad Irfan studied at Imperial College London and remained a post doctoral research fellow at University of Oxford in 1995-96. He lives in Islamabad.	

Prof. Dr. Aida Mustapha received her B.Sc. degree in Computer Science from Michigan Technological University, Master of Computer Science from Universiti Kebangsaan Malaysia, and Ph.D. in Artificial Intelligence from Universiti Putra Malaysia.

At present, she is the Deputy Vice-Chancellor (Research & Innovation) at Universiti Malaysia Pahang Al-Sultan Abdullah (UMPSA). She is also the lead trainer for Akademi Intelek dan Data Analitik (AI.DA), responsible for Microsoft professional certification programs for both students, academics, and industry partners. She has published more than 450 refereed publications in the area of Soft Computing, Data Mining, Computational Linguistics and Software Agents. Her main passion is pursuing the area of natural language studies and application of natural language processing to holy texts, in particular the Quran.

She is also the Chief Editor for Journal of Quranic Sciences and Research, Member of ISO/TC 204 Intelligent Transport Systems, Member of Malaysia Board of Technologist, and Member of International Association of Counsellors and Therapists.

Dr. Nooraini Youp is a Director and Senior Lecturer for Open University Malaysia Taiping Learning Center and formerly base in Seberang Jaya, Penang.

She is a Certified Transformational Leader, Certified Manager and Certified Chartered Manager honored by Chartered Malaysian Institution. She is also a Certified Train The Trainer.

She is a seasoned professional with an impressive 17 years of experience in the manufacturing industry and 15 years in the education sector. Currently serving as a Senior Lecturer within the Faculty of Business Management at Open University Malaysia, she brings a unique blend of industry knowledge and academic insight to the classroom. Her career trajectory reflects a deep commitment to both professional excellence and education, positioning her as a key contributor to the university's mission of preparing future leaders for success in the business world.

In addition to her academic duties, she holds the role of Director within the university, where she oversees strategic initiatives aimed at improving the quality of education and fostering academic innovation. Her leadership, combined with her passion for teaching, makes her a valued member of the

academic community and an influential figure in shaping the future of education at Open University Malaysia. Taking leadership and entrepreneurial skills at a different level to embark on a journey of optimistic actions, Nooraini Binti Youp – a leader is changing lives with her strong mind-set and glorious personality. She has been successfully handling all hurdles, hardships, burdens to create a platform that is life-defining for her students. Her go-getter approach and passion to deliver high-impact resources have helped her shape a fairer world in the education fraternity. Darjah Johan Negeri (DJN). Awarded by Tuan Yang Terutama Negeri Pulau Pinang, Tun Dato' Seri Utama Ahmad Fuzi bin Haji Abdul Razak during his 73 birthday. Malaysia's Visionary Education Leaders of 2021, by Stalwarts Education. The Most Inspiring Education Leaders of 2022. https://www.eliteeducationmagazine.com /nooraini-binti-youp-a-positive-outlook towards-future/ Certified NLP Practitioner. Certified Transformational Leadership by Chartered Management Institution. Certified Strategic Manager by CMI. Certified Train The Trainer by HRDF Corp	

Associate Professor Dr. Ahmad Humaizi Hilmi is a distinguished academic at the Faculty of Mechanical Engineering Technology, Universiti Malaysia Perlis. He co-founded SoftwareTheses, an innovative tool that assists postgraduate students and researchers in analyzing and categorizing research journal content to streamline thesis writing. With a PhD in Defense Technology from the National Defence University of Malaysia, Dr. Humaizi specializes in explosive simulation, explosive engineering, product development, machine component design, and mechanics of materials. He has authored over 400 e-books, contributing extensively to his field. His current research focuses on integrating AI into educational technologies, fostering sustainable practices, and enhancing research ecosystems.	

SHAHID ZAKI Unique combination of Visiting Professor, CEO, and Businessman.

Postgraduate degree in Business & Engineering (M.S. in Electrical Engineering from the University of Southern California, MBA from IBA Karachi, B.E. in Electrical Engineering from NED University).

Former CEO & Chairman of Philips Pakistan; served in various capacities, including Marketing Director and Plant Manager of the Industrial Complex at Philips Pakistan.

Over 30 years of experience in Teaching Business and Engineering.

Served as a member of the Board of Directors for Standard Chartered, PICIC, Sanofi Aventis, and as Chairman of the Audit Committee for HESCO.

Expertise in:
Consultancy in Technology, Business, and Marketing Strategies.
Curriculum development for Academic Institutions.
Teaching, Coaching, and Mentoring for Academic Institutions & Industry.
Authored 10 case studies published on the UK website HS Talk.

Dr. Akhtar Hussain Sandhu
Professor of History /Columnist from Lahore
Postdoc from UK
Postgraduate Research from UK
PhD from Quaid-i-Azam University, Islamabad
M. Phil from Quaid-i-Azam University
M A from PU Lahore

Books Published:
1. Dil da Chanan
2. Kabhi to Aao
3. Ham Gaey England
4. Muhammad Husain Chatha, Ek ehadsaz shakhsiat
5. Martin Luther King Jr
6. Punjab An Anatomy of Muslim-Sikh Politics, 2nd ed. (2023)
7. Fikrat
8. Punjab: Muslim-Sikh Taaluqat (2024)

Journalistic services:
Daily Nawa-i-Waqt Islamabad
Daily Pakistan Lahore

Daily Jahan Pakistan Lahore Daily Mashraq Lahore Host: Hosted program Mehman e Khasusi at Talon News News Analyst Din TV Expert in Ptv, Neo, KN, Lahore Rang, Samaa, Roze, and tv shows in Canada, India, UK Radio programs in Pakistan, Canada, India, USA and UK	

Dr. Muhammad Javaid Afzal, an accomplished researcher and academic leader, earned his PhD from The University of Lahore in 2019, specializing in the simulation, fabrication, and analysis of microchannels for biomedical applications. Currently, he serves as Chairman and Associate Professor in the Department of Physics at Govt. Islamia Graduate College Civil Lines Lahore, Pakistan. With over 40 publications in high-impact journals, Dr. Afzal has received numerous awards and travel grants for his research in biomedical engineering, computational fluid dynamics, and physics. A dedicated educator and organizer, he has spearheaded multiple conferences, exhibitions, and quality enhancement initiatives, earning recognition for his impactful contributions to science and education.	

Dr. Samreen Bari Aamir is an Assistant Professor and Head of Department of Humanities and Social Sciences at DHA Suffa University. She holds a Ph.D. and M.A. in International Relations from the University of Karachi and has a diverse academic background, including an associate degree in Textile Technology. Dr. Aamir has extensive teaching experience and has published prolifically on topics like globalization, soft power, political Islam, and women's empowerment. Her conference papers and articles in leading newspapers reflect her expertise in global and regional dynamics. She has also supervised impactful student research, showcasing her commitment to academic excellence and intellectual growth.	

Dr Abida Batool is Professor of Urdu Forman Christian College
A Chartered University Lahore
Ex-visiting professor Lahore Leads University and Minhaj University Lahore.
Teaches 1st year 2nd year to M.phil and Ph.D Urdu students

Completed 2 M.phil thesis under her supervision and 1 thesis on her life and work is under process in Fatimah Jinnah University Rawalpindi.

Viva voice examiner:
Lahore Leads University, Garrison University Lahore, GCU Lahore, Education University Lahore,Minhaj University Lahore , NCBA Lahore and Oriental College Punjab University Lahore.

CEO Aafaq-e-adab pakistan. Researcher, Critic,poet,short story writer, kalamnigr,
2 books recommended all over Pakistani Universities

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و تنقیدیطالعہ
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ہاجرہ مسرور شخصیت و فن
: کہانیوں کا مجموعہ
: شعری مجموعہ
مدیر : آفاقِ تحقیق

صوبائی صدر انجمن نفاذِ اردو پنجاب خواتین

تحریکِ نفاذِ اردو
...نائب صدر لاہ

Dr. Aziza Anjum, A Dow graduate. By profession medical doctor practicing as a family physician. Writer & poetess. More than 50 articles published in Jang Sunday. And in different magazines. Her collections have published چاند نی اکیلی ہے ۔ Dr. Aziza wrote reviews on tv plays. She is a social media activist and works for good moral values in society. Deeply concern on media effects on society values	

Muhammad Ikram Barkat has MBA, MS Management Sciences and MS Public Administration (Public Policy & Governance) degrees. Serving as Director General (Operations), Punjab since April, 2022 Researches / Projects / Policy Papers: Analysis of Electronic Media Regulatory Policy in Pakistan Contextualizing Media Regulations in Pakistan Impact of Removal of Cross Media Ownership Restrictions in Pakistan Regulatory Governance: Issues & Interventions Review Paper on “Does Performance Budgeting Work? How Ownership Structure of Media Houses Persuade Freedom of Expression Government Social Media Platforms as the Means to Boost Citizen Participation Policy Paper on Regulatory Mechanism of Cable TV / Distribution Services Policy Paper on Digitalization of Cable TV / Distribution Services Policy Paper on Licensing Tariff Structure of Electronic Media in Pakistan Policy Paper on National Media Policy & Regulations in Media Balancing the Expression: Exploring Antagonism in World Media Ecosystem Workshops / Trainings / Sessions Conducted on Fact Checking, Peace Journalism, Narrative Building, Digital Citizen: Rights & Responsibilities, Role of Radio in Promoting Peace, Ethics & Law in Advertising, Media Ethics, Fake News vs Reality etc.	

Dr. Aysha Khalil serves as an Assistant Professor of Education at Lahore College for Women University (LCWU), where she specializes in the digitalization of education, e-learning, and the integration of Artificial Intelligence (AI) into educational practices. Her postdoctoral research is centered on Educational Metaverse within teacher education, reflecting her dedication to embedding advanced technologies into teacher education programs. With a strong focus on enhancing higher education methodologies, Dr. Khalil leverages AI and metaverse technologies to revolutionize teaching and learning experiences. She owns extensive publications and presentations at international conferences advocating for the adoption of innovative and transformative trends in education.	
Dr. Rizwana Faseel is an Educationist. She did her PhD in Education . She has a total 34 years teaching experience. As a incharge 10 years and as a Chairperson 4 years in the Education Department in University of Karachi.	

Naveen Iqbal Khan is Masters in Education. Currently, pursuing her MPhil With 10 years experience as a teacher of different schools.	

Nawal Aamir Khan	
Munib Ali	

Iffat Sultana is an experienced educator with more than 30 years of international experience in the education sector. During her 26 years in the UAE, she worked with Pakistani, British, and IB curricula, giving me vast expertise in many educational systems and multicultural situations.

Her career also included working with the Inclusion Department, where she had the opportunity to serve special needs students, which fueled enthusiasm for inclusive education.

She particularly enjoys working with early childhood pupils because I believe in creating a solid foundation for lifelong learning.

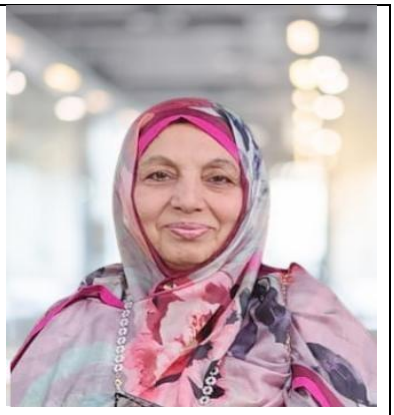
Currently, she is an Education Expert with the Sindh Education Department & Reform Support Unit. Here she uses her experience to strengthen educational policies and achieve systemic change.

In addition to professional pursuits, she manages an institute that provides free help to special needs children in the community. This program demonstrates my commitment to make education accessible and inclusive to all.

With considerable expertise and passion for education and social work, she hopes to inspire and empower students, educators, and communities.

Ayesha Syed, a PhD candidate in Sociology at Ibn Haldun University in Istanbul, Turkey. Currently teaches 'History of the World through Art and Literature.' A Pakistani of Kashmiri descent, her richly colored educational journey has led to multifaceted interests and cross-disciplinary engagements in themes as diverse as education, social sciences curriculum development, comparative intellectual history, governance and social policy, critical theory, the anthropology of power, the state and national identity formation, philosophy of selfhood, sociology of resistance, archaeology and museology, social movements, poststructuralism, and phenomenology of the social world.

Her ongoing research analyzes the effect of ‘master’ and ‘counter narratives’ in national identity formation, juxtaposing the saga of Pakistan and Turkey..

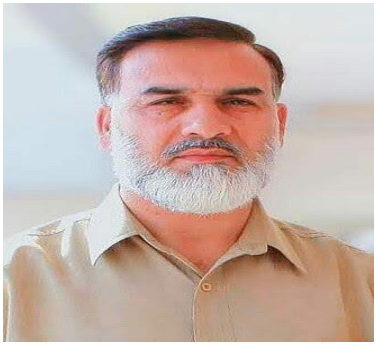
Dr. Amina Murad is an educationist. She is Ph. D in Education. Her thesis on developing Iqbal's learning theory is a pioneering work on the topic. With thirty years of experience in teaching and running schools, Dr. Murad' is also curriculum developer, teacher trainer, conducts workshops on parenting and personality and skill development for youth across Pakistan and internationally. She has authored over 30 children's book and education products under Flowers of Islam Publications and co-author English text books at Education Research Institute. Dr. Murad has won two awards from NBF Pakistan for her books.	

Dr. Muhammad Abid Ali PhD Education, MBA (HR & Fin). Master Mariner. Founder Member Educational Research Institute Karachi. Founder Member Center for Educational Research and Development. Presently, Coordinator Iqbal Chair Bahria University.	

Sabahat Anwar is an experienced educator with an MBA in Finance. She has dedicated over 25 years to teaching and has homeschooled her four children. Passionate about Islamic philosophy and pedagogy, she explores ways to inspire faith and intellectual growth in young learners. Saba enjoys blending academic rigor with hands-on learning, especially in designing creative curricula for young Muslim learners.	

Syeda Hareem Fatima is working on Research project of education for pursuing M. Phil. from University of Karachi. Completed Master of Education & Graduation in Commerce, University of Karachi. Diploma holder of Islamic Banking and Finance. 10 years experienced HR professional and professional Graphics/Animation. Served as Geography teacher at Pak Arab School Abu Dhabi, U.A.E. Initial studies from Computer Science.	

Syeda Fatima Rizwan - A 24 Years old passionate young girl teaching as a Co-Lecturer in Jinnah University for Women, Karachi – Pakistan. Completed BS (Hons) Education in 2022 & got 2nd Position in the Department of Education. Scored the highest marks 96/100 in the Final Year Thesis Viva. She was appointed as a Co-Lecturer in 2023. Currently enrolled in MPhil program in the Department of Education & completed course work in July 2024 with 3.4 CGPA. (Thesis in Progress).	
Mahnaz Iqbal Yousafzai is a student of the Education Department, Abdul Wali Khan University Mardan, Pakistan. She visited the USA in 2013 as a principal candidate of the Teacher Excellence Program. Currently, she is working as Headmistress of GGHS Tekedar kili Toru Mardan, Pakistan. Having 18 years of teaching in the Government sector. Visited UAE Dubai and UKS in 2014. Also she attended online conference in social science and HIBA Education Conference in 2021.	
Dr Rabia Abdul Karim, PhD in Education, teaching in Education and Teacher Education departments since 2004 in Jinnah University for Women Karachi. Served as a Director of Sport and published more than 20 papers in international journals. Have experience of papers presentation at national and international levels. HEC approved supervisor and evaluator of M Phil/ P hd thesis at private and government sectors. Presently work as Associate Professor and Head of department. Publish one book at international level in 2012.	
Prof. Dr Anila Fatima Shakil, PhD in Education, teaching in Education & Teacher Education department and having 20 years of experience at post graduate level in Jinnah University for Women, Karachi. HEC approved supervisor, evaluator of M Phil/Phd thesis. Published more than 25 research papers in HEC recognized and International journals. Working as a reviewer in a recognized international journal as well as approved evaluator of NACTE. Beside this present papers at national and international levels and worked as a Chairperson of Education and Teacher Education departments for 12 years. Publish one book at international level.	

Ms Maira Sher, Graduate of BS 4 year's program in Education, Jinnah University for Women Karachi currently. Participated in National conference and workshop as well as participated in the educational exhibition at local level. Additionally I work as a researcher on different assignments within the department under the supervision of faculty.	
Dr. Maqbool Hassan is a Law graduate with a Doctorate in Islamic Studies (Specialization in Islamic Law) from the University of Karachi. He has been attached to the University of Karachi and FUUAST Karachi as a Research Supervisor and to NED University Karachi as a Visiting Faculty. Currently, Dr. Hassan is associated with Bahria University Karachi Campus as an Assistant Professor (Department of Islamic Studies).	
Dr. Aisha Shaikh, is lecturer at Bahria University Karachi, specializing in Digital Marketing, Marketing, and Artificial Intelligence. Currently pursuing a PhD in Public Administration, I bring extensive experience from both academia and industry. I have taught various courses, including Digital Marketing, Social Media Marketing, and E-commerce, and have led A&M Digital Platform as CEO. Her professional journey includes roles at Daraz.pk, Accunity Web, and internships at DALDA Foods and PIA. With certifications in Google AdWords and Analytics, She is dedicated to integrating advanced marketing strategies with AI to drive innovation and growth.	

Muhammad Sufian, a physics graduate from Govt. Islamia Graduate College Civil Lines, Lahore, with a strong background in advanced simulations, machine learning, and nanofluid technologies. Mr. Sufian has had the privilege of presenting the research at international conferences, including Kyushu University, Japan, and Qatar University, focusing on catalytic converters and heat exchanger systems. With experience in teaching and technical writing at Starhat Solutions, he specializes in creating user-centric documentation, UX/UI design, and effective communication. Recognized with several awards, including Best Student and Poster Presenter. Passionate about innovation and strives to contribute to latest technological advancements.	

Muhammad Abdul Moeed Shahid is an enthusiastic and flexible physicist with a strong passion for discovering new materials and solving interdisciplinary challenges. He graduated with a degree in physics from the Govt. Islamia Graduate College Civil Lines Lahore Pakistan, with a proven track record in research. He has cultivated a robust foundation in theoretical and applied sciences. His research expertise lies in thermal analysis, filtration systems, and photovoltaic technologies, with research presented at prestigious conferences, including ISPEC 2024 in Turkey. Proficient in advanced simulation tools such as ANSYS and skilled in Fuzzy Logic, he combines technical acumen with a strong commitment to innovation and interdisciplinary collaboration, aiming to contribute to advancements in science and technology.	

Dr. Bilal is a passionate postdoctoral researcher at Jiangsu University, China, specializing in artificial intelligence, machine learning, and deep learning applications in medical imaging and clinical data. With over 16 research publications and a decade of teaching experience in electrical engineering at leading universities in Pakistan, he has made significant strides in advancing AI-driven healthcare solutions. His innovative work includes developing GAN-based architectures for medical data generation and analysis. Dr. Bilal actively contributes as a reviewer for prestigious Elsevier and Springer journals, reflecting his dedication to the field.	

Prof. Dr. Jinfu Chen is a distinguished Professor and Vice Dean at Jiangsu University, specializing in software engineering and information security. He earned his Ph.D. in computer science from Huazhong University of Science and Technology in 2009 and has since published over 60 papers in renowned journals and conferences, including IEEE Transactions and Journal of Systems and Software. His research focuses on software testing, security, and trusted software, contributing significantly to the field through innovative detection models and testing methodologies. A member of ACM, IEEE CS, and the China Computer Federation, Professor Chen actively mentors graduate students in computer science and technology, fostering the next generation of researchers	

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Dr. Hashmi IBA - HIBA

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