



The
University of
Faisalabad



STEAM
EDUCATION
BRIDGING MINDS GLOBALLY



GREEN
INTERNATIONAL
UNIVERSITY

2nd INTERNATIONAL CONFERENCE ON ADVANCED
STEAM
EDUCATION (ICASE-2024)
Theme: **Emerging Trends & Applications**

PROGRAM BOOK

THE UNIVERSITY OF FAISALABAD





**2nd International Conference on
Advanced STEAM Education:
Emerging Trends and Applications, 2024
(ICASE-2024)**

November 07-08, 2024

Program Book



November 07-08, 2024, The University of Faisalabad, Faisalabad, Pakistan

CONFERENCE PROGRAM
2nd International Conference on Advanced STEAM Education:
Emerging Trends and Applications, 2024

NOVEMBER 07-08, 2024

THURSDAY, NOVEMBER 07, 2024

08:00-09:00	REGISTRATION	Venue: Main Courtyard
09:00-10:30	INAUGURAL CEREMONY	Venue: Ali Auditorium
	GROUP PHOTO	Venue: Fountain Lawn
10:30-11:00	NETWORKING TEA	
	Executives	Venue: Room # 103
	Student Participants	Venue: Fountain Lawn
11:00 to 13:00	Visit to Posters	Venue: Courtyard 1 &2

Session	Time	Thematic Area	Venue
Day-01			
1.	11:00 to 13:00	Information Technology (Computer Sciences)	Amin Auditorium
2.		Arts & Social Sciences (Islamic Studies , Design and Interior, English Language and Literature)	Saleem Auditorium
3.		Pharmacy	Ali Auditorium
4.		Mathematics & Engineering	Room # 006
5.		Biological Sciences (Biochemistry , Biotechnology, Microbiology)	Room # 001
Lunch & Prayer Break (13:00 to 14:00)			
		Executives	Venue: Room # 10
		Student Participants	Venue: Fountain Lawn
6.	14:00 to 16:30	Information Technology (Computer Sciences)	Amin Auditorium
7.		Arts & Social Sciences (Islamic Studies , Design and Interior, English Language and Literature)	Saleem Auditorium
8.		Management Sciences	Ali Auditorium
9.		Physics	Room # 006
10.		Biological Sciences (Biochemistry, Biotechnology , Microbiology)	Room # 001

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Day-02			
1.	09:00 to 11:30	Information Technology (Computer Sciences)	Amin Auditorium
2.		Arts & Social Sciences (Islamic Studies , Design and Interior, English Language and Literature)	Saleem Auditorium
3.		Management Sciences	Ali Auditorium
4.		Arts & Social Sciences (Islamic Studies, Design and Interior, English Language and Literature)	Room # 006
Networking Tea (11:30 to 12:00) Executives Venue: Room # 103 Student Participants Venue: Fountain Lawn			
5.	12:00 to 13:15	Medicine and Allied Health Sciences (Rehabilitation Sciences , Optometry, Nutrition and Dietetics)	Ali Auditorium
6.	Session resumes after break	Medicine and Allied Health Sciences (Rehabilitation Sciences, Optometry, Nutrition and Dietetics)	Saleem Auditorium
7.		Medicine and Allied Health Sciences (Rehabilitation Sciences, Optometry , Nutrition and Dietetics)	
8.	14:30 to 15:30	Arts & Social Sciences (Islamic Studies, Design and Interior, English Language and Literature)	Room # 006
Lunch & Jumma Prayer Break (13:15 to 14:30) Executives Venue: Room # 103 Student Participants Venue: Fountain Lawn			

CONCURRENT SESSIONS (Five Parallel SESSIONS)

SESSION 1: Information Technology (Computer Sciences) – Amin Auditorium

	<p>Chair: Prof. Dr Ramzan Talib, GCUF, Faisalabad, Pakistan. Co-Chair: Prof. Dr Sultan Zia, NFC Institute of Engineering and Fertilizer Research, Faisalabad, Pakistan. Moderator: Dr Uzair Saeed</p>
Time	Speakers
<p>11:00 to 13:00</p> <p>Keynote: 25 min</p> <p>Invited Speaker: 20 min</p> <p>Oral: 10-15 min</p>	Opening Remarks – Chair
	KEYNOTE LECTURE: Dr Farhan Ullah – Northwestern Polytechnical University, Xian, China
	INVITED TALK Dr Syed Hamid Hussain Madni – University of Southampton, Malaysia
	Challenges and Issues in Predicting Human Behaviour in Digital Twins Mirza Murad Baig, NUML, Multan, Pakistan
	Comparative Analysis of ECG, CT, MRI, SPECT and CTA in CAD Detection: Challenges in Medical Image Processing Kanwal Amber – The University of Faisalabad, Pakistan
	A Systematic Approach to English-Urdu and Hindi-English Verb Phrase Translations Waheed Ramay – CUVAS, Bahawalpur, Pakistan
	Using Digital Resources to Improve Educational Opportunities for Girls in Marginalized Communities Muhammad Ilyas – Bahria University Islamabad, Pakistan
	Transforming Heart Disease Detection with BERT: Novel Architectures and Fine-Tuning Techniques Muhammad Usman Javeed – COMSATS University, Sahiwal, Pakistan
	Closing Remarks – Co-Chair

SESSION 2: Arts & Social Sciences (Islamic Studies, Design and Interior, English Language and Literature) - Saleem Auditorium

	<p>Chair: Dr Muhammad Zaid Malik, Translation Centre, King Saud University, Riyadh, Kingdom of Saudi Arabia. Co-Chair: Abdul Qayyum Gondal, Lincoln University College, Malaysia. Moderator: Dr Humaira Khalil</p>
Time	Speakers
<p>11:00 to 13:00</p> <p>Keynote: 25 min</p>	Opening Remarks – Chair
	KEYNOTE LECTURE Islamic Principles and the Pursuit of Sustainable Development Muhammad Shahbaz Manj – University of Education, Lahore, Pakistan
	Role of Seerah in Promoting Education Matloob Ahmad – The University of Faisalabad, Pakistan

Invited Speaker: 20 min	The Status of Women in Muslim Society in the Light of Sunnah Tabassum Minhas – Al-Azhar University, Cairo, Egypt
	Character Building: Planning and Strategies (In Seerah perspectives) Ammara Rehman – The University of Faisalabad, Pakistan
Oral: 10-15 min	Role of Seerah in Promoting Education and Personality Development for a Peaceful Society Wajid Ali – Superior University, Faisalabad, Pakistan
	Role of Seerah in Promoting Ethical Values in Islamic Society Farhan Akhtar – Dar-ul-Madina International University, Islamabad, Pakistan
	The Need and Importance of Ethical Teaching in Islam Muhammad Qasim – Riphah International University, Faisalabad, Pakistan
	Society and our responsibilities in the light of Seerat Un Nabi (SAW) Hafiza Tooba Sani – Karachi University, Karachi, Pakistan
	Human rights and women’s dignity: Exploring concepts of equality and justice in Seerah perspective and addressing violence against women Abdul Qayyum Gondal – Lincoln University College, Malaysia
	Closing Remarks – Co-Chair

SESSION 3: Pharmacy – Ali Auditorium

	Chair: Prof. Dr Rabeay Younes Hassan, Biosensors Research Center, Zewail City of Science and Technology, Giza, Egypt. Co-Chair: Dr Sohail Arshad, BZU, Multan, Pakistan. Moderator: Dr Aamina Habib
Time	Speakers
11:00 to 13:00	Opening Remarks – Chair
	Label-free detection of breast cancer protein biomarkers using a newly designed electrochemical nano-immunosensing platforms Rabeay Younes Hassan – Zewail City of Science and Technology, Egypt
Keynote: 25 min	KEYNOTE LECTURE <i>In vitro</i> and non-invasive <i>in vivo</i> evaluation of nanoparticles grafted multifunctional hybrid gel as a cosmeceutical tool for skin rejuvenation: a step towards clinical evidence
Invited Speaker: 20 min	Haji Muhammad Shoaib – The Islamia University Bahawalpur, Pakistan
Oral: 10-15 min	Impact of miceller solution for solubilization of antioxidant Sadia Rafique – The University of Faisalabad, Pakistan
	Encapsulation of alpha arbutin, a depigmenting agent, in nanosized ethosomes: <i>In vitro</i> and <i>in vivo</i> human studies Fatima Rasool – Punjab University, Lahore, Pakistan
	Mesoporous bioactive glass nanoparticles for bone-tissue regeneration and drug delivery to the U2OS cancer cell line Muhammad Shoaib – Hay Moulay Rachid, Ben Guerir, Morocco

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	Advances in formulation design and drug delivery Sohail Arshad – Bahauddin Zakariya University, Multan, Pakistan
	Closing Remarks Co-Chair

SESSION 4: Mathematics & Engineering - Room # 006

	Chair: Dr Aashir Waleed, UET, Faisalabad Campus, Pakistan. Co-Chair: Dr Ahmad Zeeshan, FBAS, IIU, Islamabad, Pakistan. Moderator: Dr Aaqib Majeed
Time	Speakers
11:00 to 13:00 Keynote: 25 min Invited Speaker: 20 min Oral: 10-15 min	Opening Remarks – Chair
	Concentrated Solar Power (CSP) Aashir Waleed – UET, Faisalabad, Pakistan
	Wireless, Voice Controlled, Automated 2 Wheel Drive Forklift for Industrial Warehouses Misbah Mehrab – UET, Faisalabad, Pakistan
	Relaxation analysis of thermal jump conditions on MHD flow of gyrotactic microorganisms through porous stretching sheet heated by thermal radiations Faiz Muhammad – The University of Faisalabad, Pakistan
	A literature gap in Fuzzy Soft Graph Umair Ameen – The University of Faisalabad, Pakistan
	Significance of magneto-hydrodynamic nanofluid flow over a porous surface with thermal radiation Muhammad Umar Farooq – The University of Faisalabad, Pakistan
	Isolation Enhancement of Tightly Coupled Dual-band MIMO DRA Antennas Using Dual-band Metasurface for 5G Applications Muhammad Yasir Jamal – University of Engineering and Technology, Lahore, Pakistan
	Application of AI based techniques in fluid mechanics Ahmad Zeeshan – International Islamic University, Islamabad, Pakistan
	Closing Remarks – Co-Chair

SESSION 5: Biological Sciences (Biochemistry, Biotechnology, Microbiology) - Room # 001

	Chair: Prof. Dr Amer Jamil, UAF, Faisalabad, Pakistan. Co-Chair: Dr Hira Munir, GCWUF, Faisalabad, Pakistan. Moderator: Prof Dr Tahira Iqbal and Ms Farzana Nighat
Time	Speakers
11:00 to 13:00	Opening Remarks – Chair
	Reimagining Education: Equipping Students for the 21st Century Amer Jamil – University of Agriculture, Faisalabad, Pakistan

Keynote: 25 min	KEYNOTE LECTURE Genome Editing for Crop Improvement and Alternate Methods for CRISPR-Cas Delivery in Plants
Invited Speaker: 20 min	Prof. Dr Imran Amin – National Institute for Biotechnology and Genetic Engineering (NIBGE), Faisalabad, Pakistan
Oral: 10-15 min	INVITED SPEAKER Revolutionizing Research: The Power of AI-Assisted Writing Dr Rizwana Mustafa – Founder & CEO Scientific Pakistan
	Structural Characterization and <i>in-Vitro</i> Bioactivities of Herbal Extract and Nanoparticles of <i>Caralluma tuberculata</i> Fatma Hussain – University of Agriculture, Faisalabad, Pakistan
	Structural Characterization and Pharmacological Potential of <i>Leptadenia Pyrotechnica</i> Extract and Its Nanoparticles Ajwa Rana – University of Agriculture, Faisalabad, Pakistan
	Microwave Assist Extraction and Nanoparticles Formation Approach to Explore Chemical Profile and Bioactivities of <i>Aloe Barbadensis Miller</i> Iqra Saleem – University of Agriculture, Faisalabad, Pakistan
	Exploration of Antioxidant, Antidiabetic, Antimicrobial Potential and Structural Characterization of Seed Extract of <i>Silybum Marianum</i> Tanzeela Aslam – The University of Faisalabad, Faisalabad, Pakistan
	Evaluation of Antioxidant, Antidiabetic and Antimicrobial Potential of Flowers of <i>Althaea Officinalis</i> Raheela Iram – The University of Faisalabad, Faisalabad, Pakistan
	Closing Remarks

Lunch & Prayer Break

Lunch

Venue: Room # 103

SESSION 6: Information Technology (Computer Sciences) - Amin Auditorium

	Chair: Prof. Dr Ali Hammad Akbar, UET, Lahore, Pakistan. Co-Chair: Dr Muhammad Younas, NTU, Faisalabad, Pakistan. Moderator: Dr Muhammad Ibrar
Time	Speakers
14:00 to 16:30	Opening Remarks – Chair
	KEYNOTE LECTURE Dr Khalid Mahmood – National Yunlin University of Science and Technology, Taiwan
Keynote: 25 min	INVITED TALK: Dr Muhammad Azhar – Hong Kong Shue Yan University, Hong Kong
Invited Speaker:	Development of an Artificial Intelligence-based recruitment system for automated resume parsing and candidate ranking at university

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20 min	Aqsa Shehzadi – National Textile University, Faisalabad, Pakistan
Oral: 10-15 min	Multilingual review classification on Daraz for fake review detection Alina Zaheer – The University of Faisalabad, Faisalabad, Pakistan
	Optimizing text features for fake reviews detection using evolutionary algorithm Memoona Gul – The University of Faisalabad, Pakistan
	Improving law enforcement processes in corruption cases through Blockchain-enabled data security Muqadsa Jabeen – The University of Faisalabad, Pakistan
	Optimized multimodality-based authentication of candidates in an online testing system with the help of Artificial Intelligence Aqsa Ghafoor – National Textile University, Pakistan
	Closing Remarks – Co-Chair

SESSION 7: Arts & Social Sciences (Islamic Studies, Design and Interior, English Language and Literature) - Saleem Auditorium

	<p>Chair: Dr Zia Ahmad, West Fife Islamic Education and Welfare Centre, Dunfermline, Scotland, United Kingdom.</p> <p>Co-Chair: Dr Muhammad Waris Ali, Lahore Garrison University, Lahore, Pakistan.</p> <p>Moderator: Dr Ammara Rehman</p>
Time	Speakers
	Opening Remarks – Chair
14:00 to 16:30	Prophet Muhammad’s PBUH ethical teachings, practice guidance of everyday life Dr Zia Ahmad – WFIEWC, Dunfermline, Scotland, UK
Keynote: 25 min	KEYNOTE LECTURE Humayun Abbas – Government College University, Faisalabad, Pakistan
Invited Speaker: 20 min	Ethical Leadership: What modern leaders can learn from Prophet Muhammad’s leadership style Muhammad Farhan Ur Rehman – Government Graduate College Tahlianwala, Jhelum, Pakistan
Oral: 10-15 min	Leadership and Governance - Lessons from The Prophet Muhammad’s exemplary leadership for contemporary challenges Humeira Khalil – The University of Faisalabad, Faisalabad, Pakistan
	Personal development through the Seerah: Strategies for self-improvement Khalid Mahmood Arif – Riphah International University, Faisalabad, Pakistan
	Implementation of intellectual training for the training of a sustainable society in the light of Seerat e Tayyaba Salahudin Sani – Welfare Association of Sindh, Karachi, Pakistan

	<p>Contemporary education system and Islamic state Majid Rashid – Khwaja Freed University Engineering & Information Technology, Rahim Yar Khan, Pakistan</p>
	<p>Children’s rights in the light of Seerah Ul Nabiﷺ Faiza Gul – The University of Faisalabad, Faisalabad, Pakistan</p>
	<p>Islamic perspective on education system in an Islamic state Muhammad Waris Ali – Lahore Garrison University, Lahore, Pakistan</p>
	<p>Closing Remarks – Co-Chair</p>

SESSION 8: Management Sciences – Ali Auditorium

	<p>Chair: Prof. Dr Abdul Ghafoor, Institute of Business Management Sciences, University of Agriculture, Faisalabad, Pakistan. Prof. Dr Asghar Ali, Institute of Agricultural and Resource Economics, University of Agriculture, Faisalabad, Pakistan. Co-Chair: Dr Sajjad Ahmad Baig, Faisalabad Business School, National Textile University, Faisalabad, Pakistan. Moderator: Dr Muhammad Jamil Khan</p>
Time	Speakers
	Opening Remarks – Chair
14:00 to 16:30	KEYNOTE LECTURE
Keynote: 25 min	<p>Transform your business into an AI-centric Business Model Logaiswari Indiran – Universiti Teknologi Malaysia (UTM), Malaysia</p>
Invited Speaker: 20 min	<p>Impact of phygital experience on consumer retention: Mediating role of consumer empowerment Absar Ahmad Khan – The University of Faisalabad, Pakistan</p>
Oral: 10-15 min	<p>Careerism and career success: Mediating role of impression management Maryam Saleem – The University of Faisalabad, Pakistan</p>
	<p>Workplace bullying and job performance: Mediating role of eustress Muhammad Jamil Khan – The University of Faisalabad, Pakistan</p>
	<p>Determinants of halal cosmetics repurchase intentions: Insights from muslim consumers in emerging markets Dr Anum Tariq – The University of Faisalabad, Pakistan</p>
	<p>Knowledge management proficiencies and organizational risk-taking for business model innovation in SMES’s Hira Shafqat – The University of Faisalabad, Pakistan</p>
	<p>Impact of culture and commitment on perceived organizational performance: A context of public sector of Pakistan Mamoona Javed – The University of Faisalabad, Pakistan</p>
	Closing Remarks – Co-Chair

SESSION 9: Physics - Room # 006

	<p>Chair: Dr Yasir Jamil, University of Agriculture, Faisalabad, Pakistan. Co-Chair: Dr Ayesha Younus, GCWUF, Faisalabad, Pakistan. Moderator: Dr Bushra Sana Idrees</p>
Time	Speakers
<p>14:00 to 16:30</p> <p>Keynote: 25 min</p> <p>Invited Speaker: 20 min</p> <p>Oral: 10-15 min</p>	Opening Remarks – Chair
	<p>Applications of Laser Induced Breakdown Spectroscopy in Science and Engineering Dr Yasir Jamil – University of Agriculture, Faisalabad, Pakistan</p>
	<p>KEYNOTE LECTURE Brain tumor characterization and diagnosis with Laser-induced breakdown spectroscopy Dr Geer Teng – University of Oxford, Oxford, United Kingdom</p>
	<p>INVITED TALK Full-Stokes polarization multispectral imaging database and deep learning reconstruction Dr Axin Fan – University of Oxford, Oxford, United Kingdom</p>
	<p>INVITED TALK Optimized Sol-Gel synthesis of rare earth metal doped bismuth phosphate nanomaterials: Photocatalytic degradation study Dr Kanwal Akhtar – Superior University Lahore, Faisalabad, Pakistan</p>
	<p>Investigation of Structural Optical and Electrical Properties of PVA-Batio3 Nanocomposite Films Aayesha Shoukat – The University of Faisalabad, Pakistan</p>
	<p>Synthesis and characterization of CuO/g-C₃N₄/ZnFe₂O₄ nanocomposite for photocatalysis application Sania Arif – University of Agriculture, Faisalabad, Pakistan</p>
	<p>Rational designing of DCTBDP based novel derivatives for efficient organic and perovskite solar cells Zareena Kausar – University of Agriculture, Faisalabad, Pakistan</p>
	<p>Comparison of Whole Blood and Serum Samples of Breast Cancer Based on Laser-Induced Breakdown Spectroscopy with Machine Learning Bushra Sana Idrees – The University of Faisalabad, Pakistan</p>
	Closing Remarks – Co-Chair

SESSION 10: Biological Sciences (Biochemistry, **Biotechnology**, Microbiology) –
Room # 001

	<p>Chair: Dr Yusuf Zafar, Vice President, Pakistan Central Cotton Committee, Ministry of Food Security and Research, Government of Pakistan.</p> <p>Co-Chair: Dr Kalsoom Akhtar, Director, NIBGE, Faisalabad, Pakistan.</p> <p>Moderator: Dr Shaista Shafiq</p>
Time	Speakers
<p>14:00 to 16:30</p> <p>Keynote: 25 min</p> <p>Invited Speaker: 20 min</p> <p>Oral: 10-15 min</p>	<p>OPENING SESSION</p> <p>Progress and Challenges of Agriculture Biotechnology in Pakistan Dr Yusuf Zafar – Ministry of Food Security & Research, Govt. of Pakistan</p>
	<p>KEYNOTE LECTURE - 01</p> <p>Algae-based decarbonization, resource recovery, recycling, and bioproducts</p>
	<p>Prof. Dr Amer Mahmood – Government College University, Faisalabad, Pakistan</p>
	<p>INVITED TALK</p> <p>Sustainable Industrial Development Through Nanotechnology: Challenges and Opportunities</p>
	<p>Zulfiqar Ahmad Rehan – Sultan Qaboos University, Muscat, Oman</p>
	<p>Making the hop: voyage from lab to field</p>
	<p>Fathia Mubin – National Institute of Biotechnology and Genetic Engineering (NIBGE), Faisalabad, Pakistan</p>
	<p>Fibrinolytic protein ‘lumbrokinase’ has potential use in cardiovascular disease treatment or prevention</p>
	<p>Faiz Ahmad Joyia – University of Agriculture, Faisalabad, Pakistan</p>
	<p><i>Stevia rebaudiana</i>: A natural sweetener to maintain metabolic health and prevent chronic disorders</p>
	<p>Anjum Zia – University of Agriculture, Faisalabad, Pakistan</p>
	<p><i>In-silico</i> identification of drought responsive, late embryogenesis abundant group 4-5 (LEA4-5) gene in Brassica</p>
<p>Rao Sohail Ahmad Khan – University of Agriculture, Faisalabad, Pakistan</p>	
<p>Manipulating the Mitochondrial Genetic System: Current progress and future directions</p>	
<p>Adnan Khan Niazi –University of Agriculture, Faisalabad, Pakistan</p>	
<p>A green clean approach to treat industrial wastewater</p>	
<p>Shaista Shafiq – The University of Faisalabad, Pakistan</p>	
<p>Nanomaterials for plant disease diagnosis and control</p>	
<p>Muhammad Shahid – Government College University, Faisalabad, Pakistan</p>	
<p>Closing Remarks – Co-Chair</p>	

FRIDAY, NOVEMBER 08, 2024

CONCURRENT SESSIONS (Four Parallel SESSIONS)

SESSION 1: Information Technology (Computer Sciences) – Amin Auditorium

	<p>Chair: Prof. Dr Ghufuran Khan, FAST National University, Chiniot Campus, Pakistan. Co-Chair: Dr Mudassar Ahmad, GCUF, Faisalabad, Pakistan. Moderator: Dr Kashif Sidhu</p>
Time	Speakers
<p>09:00 to 11:30</p> <p>Keynote: 25 min</p> <p>Invited Speaker: 20 min</p> <p>Oral: 10-15 min</p>	Opening Remarks – Chair
	KEYNOTE LECTURE Dr Saman Iftikhar – Arab Open University, Jeddah, Saudi Arabia
	INVITED SPEAKER Dr Muhammad Yasir – Henan University, Kaifeng City, China
	Enhancing blood donation procedures through Blockchain and IoT integration: An advanced method for ensuring secure and efficient healthcare practices Rana Hassam Ahmed – The University of Faisalabad, Pakistan
	Development of a robust model to detect and mitigate malicious crypto-jacking attacks using machine learning Muhammad Arslan – National Textile University, Faisalabad, Pakistan
	Development of an Artificial Intelligence-based real time admission system dashboard for undergraduate prospective students Iqra Yousaf – National Textile University, Faisalabad, Pakistan
	A transfer learning approach to identify road pavement distresses using Deep Convolutional Neural Network Muhammad Aziz-ur-Rehman – MNSUA, Multan, Pakistan
	Blockchain and IoT integration for pharmaceutical drug traceability Kalsoom Fatima – The University of Faisalabad, Pakistan
	Closing Remarks – Co-Chair

SESSION 2: Arts & Social Sciences (Islamic Studies, Design and Interior, English Language and Literature) - Saleem Auditorium

	<p>Chair: Prof. Dr Tariq Hashmi, GCUF, Faisalabad, Pakistan. Co-Chair: Dr Muhammad Rizwan, Riphah International University, Faisalabad Campus, Pakistan. Moderator: Ms Safia Jaffar</p>
Time	Speakers
<p>09:00 to 11:30</p> <p>Keynote: 25 min</p>	Opening Remarks – Chair
	KEYNOTE LECTURE Prophetic traditions in health and wellness: Bridging Seerat-un-Nabi with modern medical innovations Muhammad Yasin – National Textile University, Faisalabad, Pakistan

Invited Speaker: 20 min Oral: 10-15 min	The need and requirement of practical guidance for construction of personality (In Seerah Perspective) Hifsa Munawar – The University of Faisalabad, Faisalabad, Pakistan
	The Seerah a human right, exploring concepts of dignity, equality and justice Farhat Nawaz – The University of Faisalabad, Pakistan
	Seerah’s approach to globalization and cultural exchange Lubna Ameen Khan – The University of Faisalabad, Faisalabad, Pakistan
	The Prophet's ﷺ teachings on fairness, equality, and human rights Safia Jaffar – The University of Faisalabad, Pakistan
	The Role of Prophet’s (SAW) Uswa-e- Hasana in promoting Islamic environment Mian Muhammad Ali Awais – The University of Faisalabad, Pakistan
	Closing Remarks – Co-Chair

SESSION 3: Management Sciences – Ali Auditorium

	Chair: Prof. Dr Muhammad Abrar, Lyallpur Business School, Government College University, Faisalabad, Pakistan. Co-Chair: Dr Yasir Tanveer, Lyallpur Business School, Government College University, Faisalabad, Pakistan. Moderator: Ms Safa Iftikhar
Time	Speakers
09:00 to 11:30 Keynote: 25 min Invited Speaker: 20 min Oral: 10-15 min	Opening Remarks – Chair
	KEYNOTE LECTURE Knowledge hiding culture in academia Dr Muhammad Waseem Bari –GCUF, Faisalabad, Pakistan
	Impact of green HRM on organization sustainability: Mediating role of CSR Mehreen Ijaz – The University of Faisalabad, Pakistan
	Factor affecting tax preparation error among tax professionals in Pakistan Muhammad Rizwan Ullah – The University of Faisalabad, Pakistan
	Role of leadership humility and psychosocial safety climate in career success through living a calling and job crafting Muhammad Salman Chughtai – International Islamic University, Islamabad, Pakistan
	The effect of ESG performance on stock market volatility: A case study of Pakistan Rabia Arshad – The University of Faisalabad, Pakistan
	Impact of risk management and board effectiveness on firm performance in Pakistan: Moderating role of corporate governance Rabia Lodhi – The University of Faisalabad, Pakistan

	<p>Effect of rewards, organizational support, values and job enlargement on job retention: Moderating role of environment Safa Iftikhar – The University of Faisalabad, Pakistan</p>
	<p>Closing Remarks – Co-Chair</p>

SESSION 4: Arts & Social Sciences (Islamic Studies, Design and Interior, English Language and Literature) - Room # 006

	<p>Chair: Dr Asma Aftab, GCUF, Faisalabad, Pakistan Co-Chair: Prof. Khalid Mahmood, Government Graduate Islamia College, Lahore, Pakistan. Moderator: Dr Nailah Riaz</p>
Time	Speakers
	<p>Opening Remarks – Chair</p>
09:00 to 11:30	<p>KEYNOTE SPEAKER Integrating STEAM (Science, Technology, Engineering, Arts, and Mathematics) Education into Literary Studies in Pakistan: Developing Industry-Academia Linkages Dr Shafaat Yar Khan – The University of Central Punjab, Lahore, Pakistan</p>
Keynote: 25 min	
Invited Speaker: 20 min	<p>INVITED SPEAKER An Investigation of Ayad Akhtar's Disgraced and American Dervish in the Light of Julia Kristeva's Theory of Intimate Revolt Dr Muhammad Saleem – Riphah International University, Lahore, Pakistan</p>
Oral: 10-15 min	<p>Determinism and Free Will in Maktub and The Alchemist by Paulo Coelho: A Postmodern Study- Gadamer's Theory of Hermeneutics Sohail Haider – The University of Faisalabad, Pakistan</p>
	<p>Reformation of Eastern Values: A Multicultural Postmodern Study of Exit West by Mohsin Hamid Sumaira Yasmeen – The University of Faisalabad, Pakistan</p>
	<p>Empowering Pakistani ESL Educators: A Critical Look at AI-assisted ESL Teaching and Learning in Classroom Tayyaba Tajamal – Foundation University, Islamabad, Pakistan</p>
	<p>A Discursive Interplay of Multiple Narratives in Akhtar's Historiographic Metafiction Homeland Elegies: A Postmodern Study Zartab Javaid – The University of Faisalabad, Pakistan</p>
	<p>Closing Remark – Co-Chair</p>

NETWORKING TEA

Venue: Room # 103

SESSION 5: Medicine and Allied Health Sciences (Rehabilitation Sciences, Optometry, Nutrition and Dietetics) - Ali Auditorium

	<p>Chair: Dr Shahid Ahmad Heera, CEO, Shahid Heera’s Health Services, Faisalabad, Pakistan. Co-Chair: Dr Awais Bin Inam, GCUF, Faisalabad, Pakistan. Moderator: Dr Marium Zafar</p>
Time	Speakers
<p>12:00 to 15:30</p> <p>Lunch & Jumma Prayer (13:15 to 14:30)</p> <p>Keynote: 25 min</p> <p>Invited Speaker: 20 min</p> <p>Oral: 10-15 min</p>	Opening Remarks – Chair
	KEYNOTE LECTURE
	Effects of virtual rehabilitation on upper extremity motor recovery in patients with subacute stroke
	Osama Saeed – Physiotherapist, Evans Street Physiotherapy, Australia
	Effect of virtual reality on trunk control and gross motor function in children with developmental delays
	Gulraiz Ayub – The University of Faisalabad, Pakistan
	Comparative Effects of Roods Ontogenic Motor Patterns and Swiss Ball Stabilization Exercises on Trunk Control, Balance, Motor Skill and Primitive Reflexes in Spastic Diplegic Cerebral Palsy Children
	Syed Saqlain Babar – The University of Faisalabad, Pakistan
	Active cycle of breathing techniques improves postoperative pulmonary complications in coronary artery bypass graft surgery patients
	Muhammad Nouman Hussain – Padstow Physiotherapy & Sports Injury Centre, Australia
Comparative effects of gaze stabilization exercises and cawthorne cooksey exercises on craniocervical angle, thoracic angle, vestibulo-ocular reflex and cervical ranges in IT students	
Wardah Jabbar – The University of Faisalabad, Pakistan	
Effect of neurological music therapy on older adults with mild cognitive impairment	
Irtasam Ahmad – The University of Faisalabad, Pakistan	
Validity and reliability of boston carpal tunnel questionnaire in telehealth among patients with carpal tunnel syndrome	
Saad Tariq – The University of Faisalabad, Pakistan	
Prevalence and risk factors of musculoskeletal disorders among special education teachers: A comprehensive survey study.	
Noreen Kiran – The University of Faisalabad, Pakistan	
Closing Remarks – Co-Chair	

SESSION 6: Medicine and Allied Health Sciences (Rehabilitation Sciences, Optometry, Nutrition and Dietetics) - Saleem Auditorium

	<p>Chair: Prof. Dr Mahr-un-Nisa, Chairperson, GCUF, Faisalabad, Pakistan. Co-Chair: Prof. Dr Mirza Akmal Sharif, MTH, Faisalabad Moderator: Dr Sadia Hassan</p>
Time	Speakers
<p>12:00 to 15:30</p> <p>Lunch & Jumma Prayer (13:15 to 14:30)</p> <p>Keynote: 25 min</p> <p>Invited Speaker: 20 min</p> <p>Oral: 10-15 min</p>	Opening Remarks – Chair
	<p>KEYNOTE LECTURE</p> <p>Modern trends in nutrition, environment-friendly and sustainable nutrition security</p> <p>Prof. Dr Mahr-un-Nisa –GCUF, Faisalabad, Pakistan</p>
	<p>KEYNOTE LECTURE</p> <p>Empowering communities through nutrition education: Challenges and opportunities</p> <p>Beenish Israr – University of Agriculture, Faisalabad, Pakistan</p>
	<p>Exploring the complex interplay between malnutrition and inflammatory biomarkers: Consequences and management</p> <p>Mahwish – University of Sargodha, Pakistan</p>
	<p>Policy engagement and STEAM outreach in nutritional sciences</p> <p>Farwa Tariq – Constituent College Toba Tek Singh, UAF, Pakistan</p>
	<p>Evaluation of oatmeal cookies developed by the fortification of avocado (<i>Persea americana</i>) puree</p> <p>Zainab Sarfraz – The University of Faisalabad, Pakistan</p>
	<p>Anti-androgenic effects of Ceylon cinnamon, spearmint leaves and dried parsley on PCOS</p> <p>Noor Bakht – The University of Faisalabad, Pakistan</p>
	<p>Association of dietary pattern and nutritional status with academic performance of school going children</p> <p>Hina Niaz – The University of Faisalabad, Pakistan</p>
	Closing Remarks – Co-Chair

SESSION 7: Medicine and Allied Health Sciences (Rehabilitation Sciences, Optometry, Nutrition and Dietetics) - Amin Auditorium

	<p>Chair: Dr Imran Khalid, Services Hospital Lahore, Pakistan. Co-Chair: Dr Shahid Noor, Bakhtawar Amin Medical and Dental College/Hospital, Multan, Pakistan. Moderator: Dr Memon Arshad</p>
Time	Speakers
<p>12:00 to 15:30</p>	Opening Remarks – Chair
	<p>Publish or Perish: Unveiling Malpractice in Research Publication</p> <p>Imran Khalid Bhutta – Services Hospital Lahore, Pakistan</p>

Lunch & Jumma Prayer (13:15 to 14:30)	Effect of short-term exposure to shorter wavelength on Sub Foveal Choroidal Thickness to imposed hyperopic defocus in young emmetropic adults Sadaf Qayyum – Al-Shifa College of Medicine, Islamabad, Pakistan
	Effect of Moist Snuff on Tear Film, Intraocular Pressure and Intraocular Crystalline Lens Rabia Saeed – Superior University, Faisalabad, Pakistan
Keynote: 25 min	Effectiveness of green light therapy in Migraine Shakila Abbas – The University of Faisalabad, Pakistan
Invited Speaker: 20 min	Visual functions and ocular health in children Sidra Anwar – King Edward Medical University, Lahore, Pakistan
	Effect of Acupressure on Dry eye Management Nimra Gul – The University of Faisalabad, Pakistan
Oral: 10-15 min	Empowering Global Eye Care: The Crucial Role of FIACLE in Shaping the Future of Contact Lens Education Shahid Noor – BAMDC/Hospital, Multan, Pakistan
	Closing Remarks – Co-Chair

SESSION 8: Arts & Social Sciences (Islamic Studies, Design and Interior, English Language and Literature) - Room # 006

	Chair: Dr Muhammad Azhar Pervez, UOS, Sargodha, Pakistan Co-Chair: Dr Tahir Ghafoor, RIU, Lahore, Pakistan Moderator: Professor Dr Umar Ud Din
Time	Speakers
12:00 to 15:30	Opening Remarks – Chair
	KEYNOTE TALK Pragmatic Propositions for Argument Realization Dr Ghani Rahman – Hazara University Mansehra, Pakistan
Lunch & Jumma Prayer (13:15 to 14:30)	INVITED SPEAKER STEMing or STEAMing: The Importance of Language Arts Dr Umer Azim – Government Postgraduate College, Lahore, Pakistan
	The Defense Mechanism and Identity Crisis in Naqvi's <i>Home Boy</i> Adeel Ahmad – Riphah International University, Lahore, Pakistan
Keynote: 25 min	A Study of Class-Consciousness and Power Struggle in Contemporary India: An Analysis of Kaikini's No Presents Please Adil Amir Khan – The University of Faisalabad, Pakistan
Invited Speaker: 20 min	A Critique of Colonial Ideology in Alexie's <i>The Lone Ranger and Tonto Fistfight in Heaven</i> Maham Akram – The University of Faisalabad, Pakistan
Oral: 10-15 min	Transcendentalism in Emerson and Thoreau: A Comparative Study Rakia Imtiaz – The University of Faisalabad, Pakistan
	Closing Remarks – Co-Chair

**2nd International Conference on Advanced STEAM Education:
Emerging Trends and Applications, 2024
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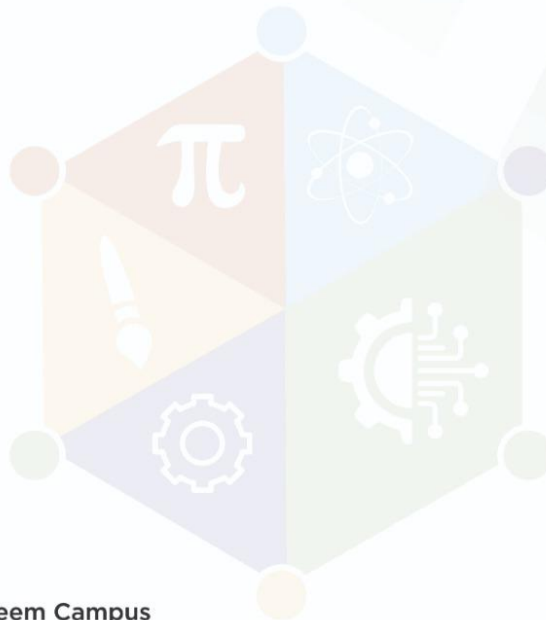
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