

**1st INTERNATIONAL
Conference on Advanced STEAM Education: Challenges and Opportunities, 2023
5th & 6th December-2023**

Time	Day 1: 5th December-2023 Program Schedule Inaugural Session Ali Auditorium
08:00 - 09:00	On-desk Registration
09:00 - 09:30	Guests' arrival and Seating
09:30 - 09:40	Opening of Inauguration Ceremony
09:40 - 09:45	Recitation of The Holy Quran
09:45 - 09:50	Naat-e-Rasool-e-Maqbool ﷺ
09:50 - 09:55	National Anthem
09:55 - 10:05	Welcome Address by Prof. Dr. Amir Gillani – Rector TUF
10:05 - 10:35	Keynote Address by Ms. VLADIMIRA BRIESTENSKA Founder NEEM - Pakistan The Future Farm-UK Angel Investor-NUR Host of NAKED podcast Founder Timber Foundation – Central Europe Advisory Board – Colorintech and Prospero World
10:35 - 10:40	Dr. Riffat Ali Muhammad Professor/Dean Faculty of Arabic for Higher Studies, Al Azhar Asyut, Egypt
10:40 – 11:15	Panel Discussion on “Innovative Edu-Tech Ecosystem: Imperative for Immanent Global Economic Growth” Panelists: Ms. Vladimira Briestenska Dr. Riffat Ali Muhammad Dr. Haroon Yousaf Prof. Dr. Amir Gillani Moderator: Prof. Dr. Majid Hussain
11:15 - 11:45	Address by: H.E. NGUYEN TIEN PHONG - Ambassador of Vietnam "Vietnam's Socio-Economic Development Achievements"
11:45 - 11:50	Vote of Thanks by Mr. MUHAMMAD HAIDER AMIN - Chairman Board of Governors (BOG)
11:50 - 12:00	Shields Distribution

12:00 - 12:20	Networking Tea
Scientific Session I-A	
Department of Computer Sciences Amin Auditorium	
Session Chair: Dr Muhammad Asif Habib Session Co-Chair: Uzair Saeed Keynote Speaker: Dr Syed Hamid Hussain Madni, Faculty of Computer Science, University of Southampton Key Note Speaker: Dr. Haroon Yousaf	
12:20 - 12:25	Session Opening: Uzair Saeed
12:25 - 12:55	Keynote Speech 1: Dr Syed Hamid Hussain Madni Keynote Speech 2: Dr. Haroon Yousaf
12:55 - 01:10	Paper ID: 01 Paper Title: Machine Learning based Data-Driven Approach for Cardiovascular Disease Biomarker Identification and Risk Stratification Presenter: Hina Zafar
01:10 - 01:25	Paper ID: 02 Paper Title: Determining the Correlation between Google Play Store Application Icons and Success Presenter: Ahmad Bilal
01:25 - 01:40	Paper ID: 03 Paper Title: Enhancing Spam Detection through Linguistic and Spammer Behavior Features Presenter: Amna Iqbal
01:40 - 01:55	Paper ID: 04 Paper Title: Assessing the Impact of Routing Protocols on TCP Variant Performance Inside a Mobile Ad-Hoc Network Presenter: M. Zubair Tahir
01:55 - 02:25	Paper ID: 05 Paper Title: An Enhanced Predictive Model for Heart Disease Diagnoses Using Machine Learning Algorithms Presenter: M Usman
02:25 - 03:00	Session Closing: Dr. Muhammad Asif Habib
03:00 - 03:30	Lunch & Prayer Break

Scientific Session I-B	
Department of Mathematics/ Electrical Engineering/Civil Engineering Saleem Auditorium	
<p>Session Chair: Dr Aashir Waleed, Assistant Professor, University of Engineering and Technology, Lahore (Faisalabad Campus), Pakistan</p> <p>Session Co-Chair: Dr Muhammad Arshad Shehzad Hassan, Assistant Professor, The University of Faisalabad, Pakistan</p> <p>Keynote Speaker: Dr Saima Anis, Associate Professor, COMSATS University Islamabad Abbottabad Campus, Pakistan</p> <p>Dr Aashir Waleed, Assistant Professor, University of Engineering and Technology, Lahore (Faisalabad Campus)</p>	
12:20 - 12:35	<p>Paper ID: 06 Paper Title: Wirelessly Automated Detection, Localization, and Intimation of the Faults in the Power Distribution Network Presenter: Muhammad Kamran</p>
12:35 - 12:50	<p>Paper ID: 07 Paper Title: Development of Smart Tree for Ecofriendly Production of Electricity Presenter: Muhammad Shahid</p>
12:50 - 01:05	<p>Paper ID: 08 Paper Title: NM-Polynomial and Neighborhood Degree Based Topological Indices of Octagonal Grid and Triangular Benzenoid Graphs Presenter: Ali Hussain</p>
01:05 - 01:20	<p>Paper ID: 09 Paper Title: Bioconvective Flow of Nanofluid with the Application of Gyrotactic Microbes Presenter: Faiz Muhammad</p>
01:20 - 01:35	<p>Paper ID: 10 Paper Title: New Concepts in Fuzzy Soft Graphs Presenter: Umair Amin</p>
01:35 - 01:50	<p>Paper ID: 11 Paper Title: Sustainable Geopolymer Concrete: A Comparative Study of Corn-Cob and Bagasse Ash as Partial Replacements Presenter: Muhammad Usman Kharal</p>
01:50 - 02:20	<p>Keynote Speaker of the Session: Dr Aashir Waleed, Assistant Professor, University of Engineering and Technology, Lahore (Faisalabad Campus) Topic: Smart Grids Future in Pakistan</p>
02:20 - 03:00	<p>Keynote Speaker of the Session: Dr Saima Anis, Associate Professor, COMSATS University Islamabad Abbottabad Campus, Pakistan Topic: Coset Diagrams of the Picard Group</p>
03:00 - 03:30	Lunch & Prayer Break

Scientific Session I C

Ms. VLADIMIRA BRIESTENSKA

12:20 - 01:20	Parallel Sessions Exploration Exploration of a diverse array of parallel sessions. Each session has been meticulously crafted to provide profound insights into distinct, specialized fields, fostering an environment ripe for interactive engagement and intellectual discourse.
	Session with Entrepreneurial Society An interactive session focusing on innovation and startup culture. During this session, students from the Entrepreneurial Society will present their innovative projects, showcasing their skills and creativity.
01:20 - 02:00	Lunch
02:00 - 02:20	Farewell

Scientific Session II-A

Session Resumes

Session Chair: Prof. Dr Ghufran Khan, FAST-NU FSD

Session Co-Chair: Dr Mudassar Ahmad, CS Dept, NTU

Keynote Speaker: Dr. Muhammad Azhar

03:30 - 03:35 pm	Session Opening: Prof Dr Ghufran Chair
03:35 - 04:00 pm	Keynote Speech: Dr. Muhammad Azhar Keynote Speech: Prof Dr Majid Hussain
04:00 - 04:15 pm	Paper ID: 12 Paper Title: An Enhanced Approach for Text Ranking Using BART Model with rossEntropyLoss Presenter: Ghulam Murtaza
04:15 - 04:30 pm	Paper ID: 13 Paper Title: Hybrid Machine Learning Approach for Network Intrusion Detection Presenter: Sunil Ashraf
04:30 - 04:45 pm	Paper ID: 14 Paper Title: A Decentralized and Secure Framework for Information Sharing using Blockchain and Inter Planetary File System (IPFS) Presenter: Muqadsa Jabeen
04:45 - 05:00 pm	Paper ID: 15 Paper Title: Solution for Cyber Automation Clarifying Real-World Resilience via Reinforcement Learning Malware Image Presenter: Kainat Rizwan
05:00 - 05:15 pm	Paper ID: 16 Paper Title: Evaluating Performance of OLSR, DSR, and ZRP Routing Protocols in Application Areas Presenter: Masoom Ul Hussan Rehan
05:15 - 06:00 pm	Session Closing

Scientific Session II-B

Department of Arabic and Islamic Studies / NBS Saleem Auditorium

03:30 - 03:35	Recitation of The Holy Quran: Qari Muhammad Ahmad
03:35 - 03:40	Na'at- e- Rasool: Mubashar Hasnain
03:40 - 03:55	Paper ID: 17: Islamic Lens on Gender Equality, Dr kafait Ullah Hamdani Associate Professor NUML, Islamabad
03:55 - 04:05	Paper ID: 18: Function of Religion and Education Dr Muhammad Waris Ali Assistant Professor, Islamic Studies Department, Lahore Garrison University, Lahore. Mufti Muhammad Irfan M Phil Scholar, Islamic Studies Department, Lahore Garrison University, Lahore.
04:05- 04:15	Paper ID: 19: Religion and Gender Studies: Examining the Intersection, Abdul Qayyum Gondal PHD: Researcher, Lincoln University College, Malaysia, Professor Dr Matloob Ahmad
04:15 - 04:25	Paper ID: 20: Relationship Between Religion and Science: A Research Study, Dr. Muhammad Qasim, Assistant Professor, Ripah International University, Faisalabad Professor Dr Matloob Ahmad, Dean /Head Department of Arabic and Islamic Studies.
04:25- 04:35	Paper ID: 21: A Study of Religious Tolerance in the Present Age in the light of the Biography of The Prophet (Peace and Blessings of Allah Be Upon Him) , Dr. Hafiz Muhammad Sarfraz Ghani, Dr Humeira Khalil Assistant Professor Islamic Studies the University of Faisalabad
04:35 - 04:45	Key Note Speaker: Role of Religious teachings of peace for the Establishment of peace in this world, Prof. Dr. Muhammad Shahbaz Manj, Professor/ Chairman, department of Islamic Studies, University of Education, Lahore.
04:45 - 04:55	Guest of Honour: Transgender Law: Reality and Shariah Status, Dr. Syed Abdul Ghaffar Bukhari, Associate Professor, Islamic Thought and Culture, National University of Modern Languages, Islamabad
04:55- 05:05	Chair: Dr Sultan Shah, Dean Faculty of Languages, Islamic and Oriental Learning Govt College University Lahore
05:05 - 05:15	Chief Guest: Dr Riffat Ali Muhammad, Professor / Dean Faculty of Arabic for Higher Studies Al Azhar Asyut.
05:15 - 05:20	Concluding Remarks: Co-Chair Professor Dr Matloob Ahmad, Dean /Head Department of Arabic and Islamic Studies.
05:20- 05:30	Key Note Speaker from NBS: Dr. Afraz Gillani, Incharge BIC, GCUF
05:30 - 06:00	Panel Discussion & Session Closing

Scientific Session II-C	
Department of Education/English Languages and Literature Seminar Hall 001	
03:30 - 03:35	Recitation of The Holy Quran: Muhmmad Azeem Ahmad
03:35 - 03:40	Na'at- e- Rasool: Muhammad Azeem Ahmad
03:40 - 04:00	International Speaker: AI and digital Education, Dr. Laila Murtadha Baqer Mohebi
04:00 - 04:20	Key Note Speaker: STEAM Education, Prof. Dr. Rana Muhammad Dilshad
04:20- 04:30	Paper ID: 22: Analyzing the diversity and inclusivity of content available on the YouTube kids' app, considering different cultures languages and perspectives, Muhammad Azeem Sarwar PhD Scholar, The University of Faisalabad, Dr. Dawood Ahmad Assistant Professor, The University of Faisalabad,
04:30 - 04:40	Paper ID: 23: Assessment of integration of steam in teacher education programs offered through distance learning, Ishrat Fatima Department of Education The University of Faisalabad. Dr Dawood Ahmad Department of Education The University of Faisalabad.
04:40- 04:50	Paper ID: 24: Factors affecting the integration of steam education in Pakistani education system Dr. Qaisar Abbas, Assistant Professor, Department of Education, The Shaikh Ayaz University Shikarpur
04:50 - 05:00	key Note Speaker: Prof. Dr Mazhar Hayat, Professor/ Chairperson, Department of English, Govt. College University, Faisalabad.
05:00 - 05:10	Paper ID: 25: Gendering the religion: An Islamic feminist study of the Holy woman Presenter: Shazia Ijaz
05:10 - 05:20	Paper ID: 26: Hybridity in twenty first century: An analysis of techno-human post cyberpunk fiction Presenter: Fauzia Amin
05:20 - 05:30	Paper ID: 27: A comparative eco-theological study of Gauhar's no space for further burials and Atwood's the year of the flood Presenter: Nida Khalid
05:30 - 06:00	Concluding Remarks

Day 2
December 6th, 2023 (Wednesday)

Department of Pharmacy / Department of Optometry / Department of Biotechnology
Amin Auditorium

Time	Scientific Session III-A
10:00 - 02:00	Guest of Honour: Dr Shahid Baig PSF chairman Biotechnology
	Chair: Professor Dr Asad Aslam Khan (Sitara Imtiaz) WHO National coordinator for prevention of blindness, Pakistan
	Chair: Dr. Saadullah Malik Associate Prof. GCUF
	Keynote: Dr Adnan Khan: Research scientist Weill Cornell Institute, USA, Associate Professor, Khyber Medical University, Pakistan
	Keynote: Dr Uzma Ali, Wissenschaftliche Mitarbeiterin, Schwerpunkt Forschung Hamburg Medical College Germany (online) Pharmacy
	Keynote: Mr. Ubaidullah Jan HoD Optometry, Superior University, Lahore
	Keynote: Dr Fateha Mubeen, Deputy Chief Scientist, NIBGE Biotechnology
	Paper ID: 28: Dr. Muhammad Majid Aziz, Associate Prof. Department of Pharmacy Practice, Faculty of Pharmaceutical Sciences, Bahuddin Zakria University, Multan.
	Paper ID: 29: Shahid Noor: Effect of RGP Lenses And Keratoconus, Optometry
	Paper ID: 30: Sidra Sarwat (online), In vitro optimization of Silicon quantum dots for bioimaging of tear film, Optometry
	Paper ID: 31: Iqbal Javed Optometry, Faculty Development of Allied Health Professionals Regarding Instructional Methods In Medical Education
	Paper ID: 32: Dr Abdul Qayyum Khan Associate Professor, Methylation pattern and mRNA expression of synapse relevant genes in the MAM model of schizophrenia in the time course of adolescence, UMT Lahore Pharmacy
	Paper ID: 33: Dr Sana Inam Assistant Professor, Exploring the new opinion: A combination of in-vitro and computational effort to utilize soluplus® as mean of solubility enhancement by fabricating solid dispersion for Rosuvastatin Calcium, GC University Faisalabad Pharmacy
	Paper ID: 34: Dr Naila Ijaz, Assistant Professor, Department of Pharmacy, The University of Faisalabad
	Paper ID: 35: Dr Ghulam Mustafa, Associate Professor CABB UAF Biotechnology
	Paper ID: 36: Dr Faiz Joya, Associate Professor CABB UAF Biotechnology
	Paper ID: 37: Dr Rizwan Javed, Associate Professor GCUF Biotechnology
Panel Discussion	
Dr Abdul Qayyum Khan Dr Naila Ijaz Shahid Noor Iqbal Javed, Dr Faiz Joya Dr Ghulam Mustafa Dr. Adnan Khan	
Career Counselling/Workshop	

	<p>Dr. Muhammad Majid Aziz Career Counselling for Pharmacy Graduates Ubaid Ullah Jan Career Counselling for optometry graduates Workshop on Contact lens education awareness role of IACLE and Global Perspectives Shahid Noor</p>
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Scientific Session IV

Department of Physical Therapy Saleem Auditorium

Session Chair: Prof. Dr. Ashaq Ahmad, Dean Faculty of Allied Health Sciences, UOL, Lahore

Session Co. Chair: Dr. Shahid Ahmad Heera Director clinics & Allied Health Sciences, TUF

Keynote Speaker: Dr. Muhammad Farooq Alviri; PT, Al-noor Specialist Hospital, Holy Makkah, Kingdom of Saudi Arabia

Mr. Mudassar Ahmad, Clinical Assessor, Advisor & Case Manager for Neuro Rehabilitation, NHS Specialist Commissioning Team (Surrey Hearthlands) Eglan UK

Guest Speaker: Dr. Iqra Ishaq, PhD Physical therapy, University of Technology Sydney, Australia

10:00 - 02:00	Talawat-e-Quran-e-Pak
	Naat-e-Rasool-e Maqbool
	Session opening deceleration by Chair-Person
	key Note Speaker: Dr. Muhammad Farooq Alviri; PT, Al-noor Specialist Hospital, Holy Makkah, Kingdom of Saudi Arabia. Topic: Plasticity & its role in stroke rehabilitation
	key Note Speaker: : Mr. Mudassar Ahmad, Clinical Assessor, Advisor & Case Manager for Neuro Rehabilitation, NHS Specialist Commissioning Team (Surrey Hearthlands) England UK Topic: Management of automatic dysreflexia in spinal cord injury patients
	Guest Speaker: Dr. Iqra Ishaq, PhD Physical therapy, University of Technology Sydney, Australia Topic: Dynamic relationship between steam and physiotherapy
	Paper ID: 38: Alina Tariq M, Rubina Z; Comparative effect of post isometric relaxation and static stretching on stride length and flexibility in patient with hamstrings tightness
	Paper ID: 39: Hannan A, Mariam M; Comparative effects of instrument assisted soft tissue mobilization and deep transverse friction massage on pain and gait parameters of iliotibial band syndrome
	Paper ID: 40: Amina M.H, Ambreena R, Comparative effects of neuromuscular retraining and mime therapy to treat synkinesis in belly's palsy
	Paper ID: 41: Sarwat M, Sundas F, Effect of kaltenborn joint mobilization along with graston technique on pain and gait on patients with lantar fasviitis
	Paper ID: 42: Comparative effects of carlo perfetti method and proprioceptive neuromuscular facilitation technique on upper limb motor function in patient with subacute stroke Presenter: Hafsa N, Sidra M;
	Paper ID: 43: Iqra T, Mariam Z Comparing the effect of muscle energy techniques (Post - Isometric Relaxation and Reciprocal Inhibition) on Hamstring Tightness and Anterior Pelvic Tilt with knee osteoarthritis: A randomized Clinical Trail
	Paper ID: 44: Effectiveness of Abdominal Activation on motor control in Spastic Diplegic Cerebral Palsy Presenter: Lieza I, Mariam Z
	Question / Answer Session

	Certificates & Shield Distribution
	Conclusion note by Chair
Poster Presentation for STEAM Education Conference 2023 Time: 12:00 - 02:00 pm	
Poster evaluation of every session will be conducted during their respective session	