



# Research Outlook 2024

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# Research Outlook 2024

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| Dr Hasan Murad School of Management (HSM) |  |   |         |     |  |                                   |
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| Sr.                                       | Title  | Journal Name  | Ranking | Vol | Name   | Department                        |
| 1   | Dependence Structure and Volatility Spillover between Financial Markets of China and Other One Belt One Road Countries             | Journal of Asian Development Studies                            | HEC Y   | 13  | Madiha Niaz, Safia Nosheen, Dr Muhammad Ather Ashraf       | Department of Banking and Finance |
| 2   | Strategic resource management for economic sustainability: Assessing the impact of technological advancement and energy efficiency | Resources Policy  | HEC W   | 89  | Dr Qurat Ul Ain  | Department of Banking and Finance |
| 3   | Evaluating Innovation and Institutions for Tech-Trade: A Global Assessment in the Quest for Sustainable Economic Prosperity        | Journal of Asian Development studies                            | HEC Y   | 13  | Dr Qurat Ul Ain  | Department of Banking and Finance |
| 4   | SOCIAL ENTERPRISES: A PATHWAY TO ECONOMIC DEVELOPMENT AND SOCIAL INNOVATION  | International Journal of Contemporary Issues in Social Sciences | HEC Y   | 3   | Dr Qurat Ul Ain  | Department of Banking and Finance |
| 5   | Unraveling Dutch disease: remittances and exchange rate dynamics pre and post-GFC trends in 199 countries                          | Managerial Finance  | HEC X   |     | Dr Ramla Sadiq, Safia Nosheen, Farah Yasser                | Department of Banking and Finance |
| 6   | Maqasid al-Shariah: Enhancing Well-being through Product Development Process in Islamic Banks of Pakistan                          | International Journal of Islamic Thought                        | HEC X   | 26  | Dr. Farah Yasser   | Department of Banking and Finance |
| 7   | Understanding the impact of key drivers on betting against beta: an empirical study of US economy                                  | RISUS: Journal on Innovation and Sustainability                 | HEC X   | 15  | Muhammad Daniyal, Dr. Farah Yasser, Hafiza Ayesha Iftikhar | Department of Banking and Finance |
| 8   | Assessing the Connection between Intellectual Capital and Financial Success in Islamic Banking: Empirical Analysis                 | Bulletin of Business and Economics                              | HEC Y   | 13  | Dr. Farah Yasser   | Department of Banking and Finance |

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| 9  | Bridging the Gap: The Role of Banking in Ensuring Social Equity Amid Trade-Based Money Laundering   | Journal of Banking and Social Equity                    | HEC Y | 3  | Javeed Iqbal, Dr. Farah Yasser                              | Department of Banking and Finance |
| 10 | Determinants of Money Demand by Business Sector for Extending Monetary Policy Applications in Pakistan  | The Regional Tribune                                    | HEC Y | 3  | Dr. Farah Yasser  | Department of Banking and Finance |
| 11 | Revealing the Financial Strategies of Multinational Giants and Local Enterprises in Pakistan: A Deep Dive into What Drives Their Leverage Choices | Journal of Finance and Accounting Research              | HEC Y | 6  | Dr. Farah Yasser  | Department of Banking and Finance |
| 12 | Impact of Vertical Integration Strategies on Environmental Social and Governance Sustainability: Policy Implication for Oil and Gas Energy Sector | Process Integration and Optimization for Sustainability | HEC X | 8  | Dr. Safia Nosheen   | Department of Banking and Finance |
| 13 | Determining Performance of REIT (REIT): The Case of G-7 Economies   | Bulletin of Business and Economics                      | HEC Y | 13 | Muhammad Kashif Imran, Dr. Safia Nosheen                    | Department of Banking and Finance |
| 14 | DRIVERS OF GREEN BANKING ADOPTION: INSIGHTS FROM COMMERCIAL BANKS IN PAKISTAN   | International Journal of Business Reflections (IJBR).   | HEC Y | 5  | Zunera Khalid, Farah Yasser, Safia Nosheen                  | Department of Banking and Finance |
| 15 | Impact of Ownership Structure on Investment Efficiency of Sharia Compliant Firms  | Journal of Banking and Social Equity (JBSE)             | HEC Y | 3  | Muhammad Azmat Shaheen, Maqbool Hussain Sial, Safia Nosheen | Department of Banking and Finance |
| 16 | The potential of Islamic financing in making financial development more entrepreneurship friendly   | Journal of Islamic Accounting and Business Research     | HEC X |    | Hadia Sohail  | Department of Banking and Finance |
| 17 | Predicting the link between employees' task performance and propensity to take charge: the role of family supportive supervision and LMX          | International Journal of Emerging Markets               | HEC W | 19 | Imlak Iqbal   | Department of Banking and Finance |

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| 18 | Regulatory Framework of Halal Industry in Pakistan: Structural Issues and Challenges                            | COMSATS Journal of Islamic Finance                       | HEC Y | 9   | Mohammad Ayaz                                 | Department of Banking and Finance   |
| 19 | Baldia Factory Fire Tragedy: A Black Spot for Workplace Safety Standards in Pakistan                            | Workplace Health & Safety                                | HEC X | 72  | Mr Abdul Rafay                                | Department of Banking and Finance   |
| 20 | Does Bitcoin Hedge Industry Credit Risk? A Comparison with Gold   | Lahore Journal of Business                               | HEC Y | 11  | Saqib Farid, Mr Abdul Rafay, Quratulain Zafar | Department of Banking and Finance   |
| 21 | Designing energy policy in the presence of underground economy: the case of Pakistan                            | International Journal of Emerging Markets                | HEC W | 19  | Mr Saqib Farid                                | Department of Banking and Finance   |
| 22 | Time-frequency information transmission among financial markets: evidence from implied volatility               | Annals of Operations Research                            | HEC W | 334 | Mr Saqib Farid                                | Department of Banking and Finance   |
| 23 | Impact of economic policy uncertainty on global carbon emissions  | Research in Economics                                    | HEC X | 78  | Mr Saqib Farid, Quratula in Zafar             | Department of Banking and Finance   |
| 24 | Price inflation in the agricultural sector during the COVID-19 pandemic: is it a supply or demand issue?        | International Journal of Economics and Business Research | HEC Y | 28  | Muhammad Ather Ashraf                         | Department of Banking and Finance   |
| 25 | On improving the adoption of Bai' Salam by Islamic banks of Pakistan: an interpretive phenomenological analysis | Journal of Islamic Accounting and Business Research      | HEC X | 15  | Tahir Mahmood                                 | Department of Banking and Finance   |
| 26 | Islamic Banking Products Services and Objectives: A Comprehensive Analysis of Stakeholders' Opinions            | GISRAS Journal of Management & Islamic Finance           | HEC Y | 4   | Muhammad Aqib Ali, Dr Talat Hussain           | Department of Banking and Finance   |
| 27 | MUSHARAKAH FOR SMALL AND MEDIUM ENTERPRISE AS AN ALTERNATIVE FINANCE  | ANNALS OF SOCIAL SCIENCE PERSPECTIVE                     | HEC Y | 5   | Muhammad Mahmood Shah Khan, AFIA MUSHTAQ      | Department of Banking and Finance, Department of Economics and Quantitative Methods |

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| 28 | Navigating the Digital Marketplace: Examining the Influence of Social Media Advertising on Purchase Intentions through the Lens of Performance Expectancy Theory           | Journal of Education and Social Studies           | HEC Y | 5  | Dr Qurat Ul Ain, Farhat Rasul, Muhammad Ghulam Shabeer | Department of Banking and Finance, Department of Economics and Quantitative Methods |
| 29 | Estimation of Expected Return: Application of FF Three & FF Five Factor Model in a Developing Economy  | Qlantic Journal of Social Sciences and Humanities | HEC Y | 5  | Ramla Sadiq, Aysha Qayyum, Afia Mushtaq                | Department of Economics and Quantitative Methods                                    |
| 30 | Therapeutic use of biologically produced sulfur nanoparticles from <i>Allium fistulosum</i> against antibiotic-resistant foodborne pathogens                               | Biodiversitas Journal of Biological Diversity     | HEC Y | 25 | Arzo Kanwal  | Department of Economics and Quantitative Methods                                    |
| 31 | Front-end Innovation and Top Income Inequality: Evidence from Emerging Markets   | Journal of the Knowledge Economy                  | HEC W | 15 | Asma Kanwal  | Department of Economics and Quantitative Methods                                    |
| 32 | Effectiveness of leader-member exchange on employee outcomes in cross-cultural environment of China-Pakistan economic corridor   | Kybernetes  | HEC X |    | Dr Irem Batool   | Department of Economics and Quantitative Methods                                    |
| 33 | Fiscal Dominance and the Inflation Dynamics in Pakistan: An Empirical Analysis.  | Millennial Asia                                   | HEC X | 15 | Dr Irem Batool   | Department of Economics and Quantitative Methods                                    |
| 34 | Estimating the Non-linear Impact of Environmental Degradation on Climate Vulnerability in Developed and Developing Economies: A Pathway to achieve Sustainable Development | Indus journal of Social Science                   | HEC Y | 2  | Muhammad Yasin Abid, Irem Batool, Muhammad Asif Amjad  | Department of Economics and Quantitative Methods                                    |
| 35 | Role of industrial growth on economic development: A comparative analysis of developed and developing countries  | The Critical Review of Social Science Studies     | HEC Y | 2  | Muhammad Yasin Abid, Irem Batool, Muhammad Asif Amjad  | Department of Economics and Quantitative Methods                                    |

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| 36 | Advancing Heart Failure Outcomes Using Machine Learning: A Data Science Breakthrough   | Migration Letters                          | HEC X | 21  | Haseeb Ur Rehman, Dr Saira Sharif, Farhatul -ain | Department of Economics and Quantitative Methods |
| 37 | Breast Cancer Prediction Making use of Supervised Machine Learning Technique   | Remittances Review                         | HEC X | 9   | Saira Sharif, Farhatul -ain, Haseeb Ur Rehman    | Department of Economics and Quantitative Methods |
| 38 | Behavioral Finance: Impact of Psychology Market Forces and Social Influence on Portfolio Returns   | Journal of Finance and Accounting Research | HEC Y | 6   | Naveed Ul Haq, Dr Saira Sharif                   | Department of Economics and Quantitative Methods |
| 39 | Diversified Workforce and Employees Performance: Moderating Effect of Bureaucratic Leadership in Third Sector                            | Research Journal for Societal Issues       | HEC Y | 6   | Shama Sadaqat, Dr Saira Sharif                   | Department of Economics and Quantitative Methods |
| 40 | Aligning innovation and information with development: a comparative analysis of developed and developing nations                         | Environment Development and Sustainability | HEC W | 4   | Muhammad Ghulam Shabeer, Farhat Rasul            | Department of Economics and Quantitative Methods |
| 41 | How to get green with agricultural footprint: A global analysis of carbon emissions environmental taxes and agrochemical use             | Journal of Environmental Management        | HEC W | 370 | Farhat Rasul                                     | Department of Economics and Quantitative Methods |
| 42 | Energy Forests and Environmental Sustainability: A Comparative Analysis of Developed and Developing Economies                            | Journal of Economic Impact                 | HEC Y | 6   | Muhammad Ghulam Shabeer, Farhat Rasul            | Department of Economics and Quantitative Methods |
| 43 | Quantifying the Impact of Natural Resources on Sustainable Growth in Developing Economies: Evidence from Panel Nonlinear ARDL Technique. | Journal of Social & Organizational Matters | HEC Y | 2   | Humera Sherazi, Farhat Rasul                     | Department of Economics and Quantitative Methods |
| 44 | Renewable Energy Consumption Internet Adoption and Inclusive Growth in East Asia: A Linear and Nonlinear Investigation.                  | Forman Journal of Economic Studies         | HEC Y | 20  | Laila Khalid, Farhat Rasul                       | Department of Economics and Quantitative Methods |

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| 45 | The Dynamic Role of Socioeconomic Transmission Mechanism of Natural Resources to Achieve Sustainable Growth in Developing Economies               | iRASD Journal of Economics                         | HEC Y | 6  | Humera Sherazi, Farhat Rasul   | Department of Economics and Quantitative Methods |
| 46 | Assessing the environmental sustainability gap in G20 economies: The roles of economic growth energy mix foreign direct investment and population | Heliyon  | HEC W | 10 | Hafeez Ur Rehman Khan  | Department of Economics and Quantitative Methods |
| 47 | Clean energy transition and climate vulnerabilities: A comparative analysis of European and non-European developed countries                      | PLOS ONE   | HEC W | 19 | Muhammad Javeed Akhtar, Hafeez Ur Rehman Khan                          | Department of Economics and Quantitative Methods |
| 48 | Causes of Restrictiveness Policies on Foreign Direct Investment in OECD and Non-OECD Countries  | iRASD Journal of Economics                         | HEC Y | 6  | Muhammad Mudassar Naushahi, Asma Kanwal, Irem Batool, Hafeez ur Rehman | Department of Economics and Quantitative Methods |
| 49 | Fiscal Prudence and Economic Growth in Asia: The Role of Efficient Public Spending  | Pakistan Journal of Humanities and Social Sciences | HEC Y | 12 | Hafeez Ur Rehman Khan  | Department of Economics and Quantitative Methods |
| 50 | Global Social Progress in the Face of Environmental Vulnerabilities: An empirical Analysis  | International Journal of Human and Society         | HEC Y | 4  | Hafeez Ur Rehman Khan, Farhat Rasul, Faheem Riaz                       | Department of Economics and Quantitative Methods |
| 51 | Panel Quantile Approach towards Exigent Determinants of Food Security in the Selected Developing Countries  | Pakistan Journal of Humanities and Social Sciences | HEC Y | 12 | Hafiz Asim, Hafeez Ur Rehman Khan                                      | Department of Economics and Quantitative Methods |
| 52 | Exploring mixture estimators in stratified random sampling  | Plos one   | HEC W | 19 | Kanwal Iqbal, Syed Muhammad Muslim Raza                                | Department of Economics and Quantitative Methods |



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| 53 | On exploring the generalized mixture estimators under simple random sampling and application in health and finance sector                   | AIP Advances   | HEC X | 14 | Kanwal Iqbal, Syed Muhammad Muslim Raza, Muhammad Moeen Butt       | Department of Economics and Quantitative Methods |
| 54 | Quantifying the strategies to mitigate health vulnerability: unveiling the nexus of institutional quality with clean energy                 | International Journal of Environmental Science and Technology                        | HEC W | 22 | M.A. Amjad   | Department of Economics and Quantitative Methods |
| 55 | Use of improved memory type control charts for monitoring cancer patients recovery time censored data                                       | Scientific Reports   | HEC W | 14 | Syed Muhammad Muslim Raza, Dr Maqbool Hussain Sial                 | Department of Economics and Quantitative Methods |
| 56 | Exploring association of aerosols based on meteorological factors over mega city Lahore (Pakistan) and central place of Indo-Gangetic basin | AIP Advances   | HEC X | 14 | Hafiza Farwa Amin, Mueen-ud-Din Azad, Dr Maqbool Hussain Sial      | Department of Economics and Quantitative Methods |
| 57 | OPTIMUM RICE PREDICTION FROM CONVENTIONAL NEURAL NETWORK AND HYBRID MODELS.   | International Journal of Agricultural & Statistical Sciences 2024 Vol 20 Issue 1 p45 | HEC X |    | Dr Maqbool Hussain Sial, Muhammad Riaz                             | Department of Economics and Quantitative Methods |
| 58 | Ownership Structure Corporate Governance and Retained Free Cash Flows: An Empirical Study of Listed Shariah-Compliant Enterprises           | Bulletin of Management Review  | HEC Y | 1  | Muhammad Azmat Shaheen, Dr Maqbool Hussain Sial, Dr. Safia Nosheen | Department of Economics and Quantitative Methods |
| 59 | On moving average based location charts under modified successive sampling  | Haceteppe Journal of Mathematics and Statistics                                      | HEC X | 53 | Mehvish Hyder, Syed Muhammad Muslim Raza, Muhammad Moeen Butt      | Department of Economics and Quantitative Methods |
| 60 | Towards sustainable initiatives: Evidence from green finance mitigating ecological footprint in East Asia and Pacific nations               | Energy & Environment   | HEC W |    | Muhammad Asif Amjad  | Department of Economics and Quantitative Methods |

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| 61 | The effects of COVID-19 on agriculture supply chain food security and environment: a review  | PeerJ                                       | HEC W | 12:e17281 | Muhammad Shahid Hassan                    | Department of Economics and Quantitative Methods |
| 62 | Renewable energy, regional tourism, and exports to tackle stagnant growth in developed economies   | Heliyon                                     | HEC W | 10        | Muhammad Shahid Hassan                    | Department of Economics and Quantitative Methods |
| 63 | Exploring Economic Factors to Enhance the Performance of Real Estate Investment Trusts in the Eastern European Region  | Eastern European Economics                  | HEC X |           | Muhammad Shahid Hassan                    | Department of Economics and Quantitative Methods |
| 64 | Moderation of competitiveness in determining environmental sustainability: economic growth and transport sector carbon emissions in global perspective   | Environment, Development and Sustainability | HEC W | 26        | Muhammad Shahzad Sardar, Hafeez ur Rehman | Department of Economics and Quantitative Methods |
| 65 | Erratum to “Improved project control for sustainable development of construction sector to reduce environment risks” [J. Clean. Product. (2019) 118214] (Journal of Cleaner Production (2019) 240, (S0959652619330847), (10.1016/j.jclepro.2019.118214)) | Journal of Cleaner Production               | HEC W | 240       | Muhammad Usman                            | Department of Economics and Quantitative Methods |
| 66 | Empirical Contribution of Human Capital in Entrepreneurship  | Global Business Review                      | HEC X | 25        | Noman Arshed, Samra Bukhari               | Department of Economics and Quantitative Methods |
| 67 | The relationship between money supply and inflation in Pakistan  | Plos one                                    | HEC W | 19        | Rakia Nasir                               | Department of Economics and Quantitative Methods |
| 68 | An Empirical Analysis of Climate Transition: A Global Outlook of Agriculture Productivity  | Journal of Economic Studies                 | HEC W |           | Zubair Tanveer, Rukhsana Kalim            | Department of Economics and Quantitative Methods |

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| 69 | Urban Growth or Urban Sprawl: Exploring the Interplay of Resource Migration and Knowledge Economy for Environmental Sustainability    | Journal of the knowledge economy     | HEC W |    | Rukhsana Kalim                                      | Department of Economics and Quantitative Methods |
| 70 | Analyzing Digital Economy's Role in Global Green Growth Opportunities: An Asymmetric MMQR Approach                                    | Journal of Economic Sciences         | HEC Y | 3  | Waheed Ahmad, Rukhsana Kalim                        | Department of Economics and Quantitative Methods |
| 71 | Does Institutional Quality Strengthen the Energy Mix-Climate Change Relation? A Case of High Vulnerable Countries                     | Journal of Asian Development Studies | HEC Y | 13 | Anam Javaid, Rukhsana Kalim, Muhammad Shahid Hassan | Department of Economics and Quantitative Methods |
| 72 | The Role of Human Capital in Strengthening Energy Mix- Climate Change Relation: A Study of Selected Low and High Vulnerable Economies | Bulletin of Business and Economics   | HEC Y | 13 | Anam Javaid, Rukhsana Kalim, Muhammad Shahid Hassan | Department of Economics and Quantitative Methods |
| 73 | Role of knowledge economy in managing demand-based environmental Kuznets Curve  | Geoscience Frontiers                 | HEC W | 15 | Rukhsana Kalim, Mubasher Iqbal                      | Department of Economics and Quantitative Methods |
| 74 | Double extreme-cum-median ranked set sampling   | PLOS ONE                             | HEC W | 12 | Muhammad Zubair, Seyab Yasin                        | Department of Economics and Quantitative Methods |
| 75 | Evaluating Risk Factors for Coronary Heart Disease Among Adults Aged 26-45: A Study from Punjab Pakistan                              | Journal of Statistics                | HEC Y | 28 | Seyab Yasin   | Department of Economics and Quantitative Methods |
| 76 | The Impact of Financial Development Net Foreign Assets and Domestic Businesses on Export Performance: A case of Singapore Economy     | Bulletin of Business and Economics   | HEC Y | 13 | Seyab Yasin   | Department of Economics and Quantitative Methods |

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| 77 | Investigating the average kiloelectron-volt emission of partially observed events in nuclear physics through distance weighted mean based censored control chart                                       | PloS one                                     | HEC W | 19  | Shumaila Nisar, Syed Muhammad Muslim Raza | Department of Economics and Quantitative Methods |
| 78 | Monitoring kiloelectron-volt emission variability in partially observed nuclear events through distance weighted censored control charts   | Physica Scripta                              | HEC W | 99  | Shumaila Nisar, Syed Muhammad Muslim Raza | Department of Economics and Quantitative Methods |
| 79 | Unleashing the dynamic linkages among natural resources, economic complexity, and sustainable economic growth: Evidence from G-20 countries  | Sustainable Development                      | HEC W | 32  | Umra Waris                                | Department of Economics and Quantitative Methods |
| 80 | Temporal dynamics and forecasting of aerosol optical depth in megacities Lahore and Karachi: Insights from the Indo-Gangetic Basin and southern Pakistan, and implications for Sustainable development | Atmospheric Pollution Research               | HEC W | 15  | Umra Waris                                | Department of Economics and Quantitative Methods |
| 81 | Evaluating the symmetric and asymmetric effectiveness of low carbon energy consumption for ecological footprint in China: the role of environment-related technological innovation                     | Environmental Science and Pollution Research | HEC W | 31  | Waheed Ahmad                              | Department of Economics and Quantitative Methods |
| 82 | Natural habitat vs human in competition for breathing space: Need for restructuring clean energy infrastructure  | Ecological Economics                         | HEC W | 220 | Waheed Mughal                             | Department of Economics and Quantitative Methods |
| 83 | IMPACT OF PRIVATE VEHICLE OWNERSHIP AND URBANIZATION ON CARBON EMISSIONS: CASE OF PAKISTAN   | Journal of Economics And Management Sciences | HEC Y | 5   | Faiza Azam, Afia Mushtaq, Irem Batool     | Department of Economics and Quantitative Methods |

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| 84 | COVID-19 AND LIQUIDITY PERFORMANCE OF COMMERCIAL BANKS IN PAKISTAN DURING 2014-2023   | Journal of Economics and Management Sciences  | HEC Y | 5   | Afia Mushtaq,Irem Batool,Muhammad Mahmood Shah Khan | Department of Economics and Quantitative Methods,Department of Banking and Finance |
| 85 | Musharakah for Small and Medium Enterprises as an Alternative Financing Mode  | Annals of Social Sciences and Perspective   | HEC Y | 5   | Afia Mushtaq, Muhammad Mahmood Shah Khan            | Department of Economics and Quantitative Methods,Department of Banking and Finance |
| 86 | Sentiment Analysis using Bidirectional Encoder Representations from Transformers  | Proceedings of the Pakistan Academy of Sciences: A. Physical and Computational Sciences | HEC Y | 61  | Adil Rehman   | Department of Information System   |
| 87 | Sentiment analysis in social internet of things using contextual representations and dilated convolution neural network         | Neural Computing and Applications   | HEC W |     | Fazeel Abid   | Department of Information System   |
| 88 | Advancements in Fake News Detection: A Comprehensive Machine Learning Approach Across Varied Datasets                           | SN Computer Science   | HEC X | 5   | Fazeel Abid   | Department of Information System   |
| 89 | Enhancing Communication Accessibility: UrSL-CNN Approach to Urdu Sign Language Translation for Hearing-Impaired Individuals     | COMPUTER MODELING IN ENGINEERING AND SCIENCES   | HEC X | 141 | Fazeel Abid   | Department of Information System   |
| 90 | MSTSENet: Multiscale Spectral-â€œSpatial Transformer with Squeeze and Excitation network for hyperspectral image classification | Engineering Applications of Artificial Intelligence                                     | HEC W | 134 | Ghulam Farooque                                     | Department of Information System   |
| 91 | Team-level HR practices and team engagement: mediating role of team-level psychological capital                                 | Employee Relations: The International Journal   | HEC W | 46  | Ali Raza  | Department of Management   |

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| 92 | Effect of Digital Transformation on Students's Learning Outcomes: A Mediating Role of Teacher Resilience   | Journal of Higher Education and Development Studies (JHEDS) | HEC Y | 4  | Warda Latif, Dr Abdul Ghaffar                     | Department of Management |
| 93 | When do challenge-hindrance stressors differentially effect employees ability to meet work deadlines?  | Canadian Journal of Administrative Sciences                 | HEC W |    | Dr Iqbal Mehmood                                  | Department of Management |
| 94 | When does knowledge hiding hinder employees' job performance? The roles of emotional exhaustion and emotional intelligence   | Knowledge Management Research and Practice                  | HEC W | 22 | Dr Iqbal Mehmood                                  | Department of Management |
| 95 | Role of globalization and education defining the incidence of entrepreneurship   | Journal of the Knowledge Economy                            | HEC W | 15 | Dr Kamran Hameed                                  | Department of Management |
| 96 | Development Of Nonakas Thought: A Critical Review  | Pakistan Journal of Humanities and Social Sciences          | HEC Y | 12 | Zamin Abbas, Naveed Yazdani, Kamran Hameed        | Department of Management |
| 97 | Impact of the SECI Entrepreneurial Development Model on Entrepreneurial Activities: Unleashing Entrepreneurial Knowledge Creation Potential                                      | Journal of Asian Development Studies                        | HEC Y | 13 | Kamran Hameed, Zamin Abbas, Muhammad Sajid Nadeem | Department of Management |
| 98 | Dynamic Capabilities to Absorb Knowledge in Promoting Innovative Performance and Organizational Resilience: The Moderating Role of Organizational Culture                        | Migration Letters   | HEC X | 21 | Zara Rafique, Dr Malik Umer Ayub                  | Department of Management |
| 99 | Exploring the lived experiences of deep vein thrombosis patients in Lahore Pakistan: a qualitative phenomenological study on healthcare challenges resilience and social support | BMJ Open  | HEC W | 14 | Ahtasham Zameer, Dr Naveed Yazdani                | Department of Management |

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| 100 | Exploring the Lived Experiences of Individuals to manage and Cope with Type 2 Diabetes applying IPA   | Pakistan Languages and Humanities Review                       | HEC Y | 8  | Sadia Butt,Iqra Mubeen,Dr Naveed Yazdani            | Department of Management |
| 101 | Knowledge Exchange Networks: Does Gender Matter?  | Journal of Asian Development Studies                           | HEC Y | 13 | Mehreen Riaz,Dr Naveed Yazdani                      | Department of Management |
| 102 | Organizational justice: A multi-dimensional study of justice at the workplace   | Orient research Journal of Social Sciences                     | HEC Y | 9  | Zunaira Zahid,Dr Naveed Yazdani                     | Department of Management |
| 103 | A Revisit on the Servicescape (Physical and Social): Re-Conceptualization and Validation  | Journal of Management Practices Humanities and Social Sciences | HEC Y | 8  | Muhammad Asghar Ali,Dr. Mohammad Ali Haider Chauhan | Department of Management |
| 104 | Violence and Power Relations in the Lives of Refugees in Exit West.   | International Journal of Social Science Archives (IJSSA)       | HEC Y | 7  | Dr. Zamin Abbas                                     | Department of Management |
| 105 | Role of Extrinsic and Intrinsic Religiosity on Muslim Consumer Purchase Intention Toward Religiously Sanctioned Food Evidence from Non-Muslim State | Research Journal for Societal Issues                           | HEC Y | 6  | Tahira Umair,Hafiz Muhmmad Naeem                    | Department of Management |
| 106 | Oil crisis vs pandemic: a broader outlook of time-frequency volatility transmission between Islamic and conventional stock markets                  | Cogent Economics & Finance                                     | HEC X | 12 | Moghis Ur Rehman                                    | Department of Management |
| 107 | Unveiling femvertising: examining gratitude consumers attitude towards femvertising and personality traits  | Cogent Business & Management                                   | HEC X | 11 | Ms Amber Baig                                       | Department of Management |
| 108 | Navigating the Social Phenomenon: A Strategic Exploration of Social Media Engagement in Social Venture Creation                                     | CARC Research in Social Sciences                               | HEC Y | 3  | Ms Amber Baig                                       | Department of Management |
| 109 | Gender Dynamics in the Identification Process of Mentoring Relationships: An Empirical Investigation  | Gender Issues  | HEC W | 41 | Muhammad Athar Rasheed                              | Department of Management |

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| 110 | Financing Decisions and the Role of CSR in Donation-Based Crowdfunding: Evidence from Pakistan and Indonesia                                   | Business & Information Systems Engineering                         | HEC W | 66  | Muhammad Zubair                              | Department of Management                              |
| 111 | Nexus Between Service Quality and Customer Loyalty: With the Parallel Mediation of Perceived Value and Customer Satisfaction                   | International Journal of Management Research and Emerging Sciences | HEC Y | 14  | SHIZA KAZMI                                  | Department of Management                              |
| 112 | Fostering Corporate Sustainability and Environmental Performance in IT Industries of Pakistan  | Journal of Excellence in Management Sciences                       | HEC Y | 3   | Dr Abdul Ghaffar,Amer Shakeel,Saroo sh Tariq | Department of Management, Office of the Dean Research |
| 113 | Impact of perceived CSR practices on customers loyalty. The mediating role of reputation and customer satisfaction                             | corporate social responsibility and environmental management       | HEC W |     | Dr Abdul Waheed                              | Department of Marketing                               |
| 114 | Physical and Social Servicescape: Impact on Customer Affection and Behavior at Full-Service Restaurants  | Journal of Quality Assurance in Hospitality & Tourism              | HEC X |     | Muhammad Asghar Ali,Dr Abdul Waheed          | Department of Marketing                               |
| 115 | Sustainable development in brand loyalty: Exploring the dynamics of corporate social responsibility customer attitudes and emotional contagion | Corporate Social Responsibility and Environmental Management       | HEC W | 31  | Dr Abdul Waheed                              | Department of Marketing                               |
| 116 | The Visualization Analysis of Economic Crisis in Pakistan(2000-2022)   | Remittances Review   | HEC X | 9   | Ms Aysha Qayyum                              | Department of Marketing                               |
| 117 | Inside out. Social media videos and destination branding. Neuromarketing using EEG technique   | Journal of Islamic Marketing                                       | HEC W | 15  | Muhammad Faisal Shahzad , Farrah Arif        | Department of Marketing                               |
| 118 | The role of big data analytics in the footwear supply chains: a multiple case study perspective  | Journal of Science and Technology Policy Management                | HEC X |     | Asher Ramish                                 | Department of Operations and Supply Chain             |
| 119 | Circular economy-based integrated farming system for indigenous chicken: Fostering food security and sustainability                            | Journal of Cleaner Production                                      | HEC W | 436 | Dr Ijaz Yusuf                                | Department of Operations and Supply Chain             |



| 120  | 3P Model and Feedback Loops for Productivity Improvement: The Case of ABC Printing Company  | Journal of Asian Development Studies                               | HEC Y   | 13  | Dr Ijaz Yusuf,Sajid Nadeem                  | Department of Operations and Supply Chain |
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| 121  | Investigating the supply chain agility&~â€œInnovation link: The role of organizational context  | European Management Journal  | HEC W   |     | Dr. Asher Ramish                            | Department of Operations and Supply Chain |
| 122  | An examination of multiple mapping techniques for supply chain optimisation: a case of the footwear industry  | International Journal of Information Systems and Change Management | HEC Y   | 14  | Marrium Noor, Asher Ramish and Abdul Waheed | Department of Operations and Supply Chain |
| 123  | The Multifaceted Role of Social Capital for Achieving Organizational Ambidexterity and Supply Chain Resilience  | IEEE Transactions on Engineering Management                        | HEC W   | 71  | Haris Aslam, Asher Ramish                   | Department of Operations and Supply Chain |
| 124  | Optimizing Iornoxicam-loaded poly(lactic-co-glycolic acid) and (polyethylene glycol) nanoparticles for transdermal delivery: ex vivo/in vivo inflammation evaluation  | Nanomedicine   | HEC W   | 19  | Muhammad Azeem Ashraf                       | Department of Operations and Supply Chain |
| 125  | pH-sensitive docetaxel-loaded chitosan/thiolated hyaluronic acid polymeric nanoparticles for colorectal cancer  | Nanomedicine   | HEC W   | 19  | Muhammad Azeem Ashraf                       | Department of Operations and Supply Chain |
| 126  | Preparation and Evaluation of pH-Sensitive Chitosan/Alginate Nanohybrid Mucoadhesive Hydrogel Beads: An Effective Approach to a Gastro-Retentive Drug Delivery System | Pharmaceutics  | HEC W   | 16  | Muhammad Azeem Ashraf                       | Department of Operations and Supply Chain |
| <b>Institute of Aviation Studies (IAS)</b> |   |  |         |     |   |   |
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| 2 | Investigating damage resistance in aerospace radome applications: Experimental analysis of hybrid sandwich composites  | Journal of Reinforced Plastics and Composites                   | HEC W |    | Dr Kamran Asim    | IAS |
| 3 | Multi-functional hybrid sandwich composite structures: Evaluating damage mechanics and tolerance using compression after impacts   | Journal of Reinforced Plastics and Composites                   | HEC W |    | Dr Kamran Asim    | IAS |
| 4 | Leveraging social exchange relations to anticipate turnover among emotionally exhausted flight attendants  | Journal of Tourism Hospitality and Services Industries Research | HEC Y | 4  | Bilal Ahmad       | IAS |
| 5 | The Influence of Innovativeness on the Success of Projects: Exploring the Moderating Effect of Project Manager Competency  | International Journal of Business and Management Sciences       | HEC Y | 5  | Mr Shahid Mahmood | IAS |

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| 2   | Islamic Principal for Time Management and Productivity                                   | Tanazur                               | HEC Y   | 5   | Dr Hammad Ullah Khan | IIPG       |
| 3   | Social Institutional Behaviour of Islamic Work Ethics                                    | Tanazur                               | HEC Y   | 5   | Dr Hammad Ullah Khan | IIPG       |
| 4   | Exploring Moral Development in Islamic Education: A Case Study                           | Jahan-e-Tahqeeq                       | HEC Y   | 7   | Muhammad Waqas Jamil | IIPG       |

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| 1 | Vocational Personality Types and Perceived Job Performance in Bankers and Teachers in Pakistan: Role of Occupational Self-Efficacy as Mediator | Pakistan Journal of Psychological Research                      | HEC Y | 39 | Asma Amanatullah                       | KRSS |
| 2 | Energy Consumption and Trade Liberalization: Investigating Performance of Economic Growth for French Economy                                   | Journal of Asian Development Studies                            | HEC Y | 13 | Muhammad Usman, Ayesha Latif           | KRSS |
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| 4 | Exploring Media Narratives: A Qualitative Study of the Hijab Ban Coverage in Indian News Channels  | Global Political Review   | HEC Y | 9  | Mr Shanawer Rafique                    | KRSS |
| 5 | A Review on the Synergistic Approaches for Heavy Metals Bioremediation: Harnessing the Power of Plant-Microbe Interactions                     | LGU Journal of Life Sciences                                    | HEC Y | 8  | Iqra Arshad, Hifza Iqbal, Yasir Rehman | KRSS |
| 6 | Assessment of Heavy Metal Exposure in Blackbucks (Antelope Cervicapra) by Using a Non-Invasive Method  | International Journal of Forest Sciences                        | HEC Y | 4  | Ms Syeda Saira Iqbal                   | KRSS |
| 7 | Detection of DNA Damage in Fish using Comet Assay  | Current Trends in OMICS   | HEC Y | 4  | Ms Syeda Saira Iqbal                   | KRSS |
| 8 | ENHANCING SUSTAINABILITY EDUCATION IN PAKISTAN: ANALYSIS OF PAKISTAN STUDIES TEXTBOOK GRADE XII  | International Journal of Contemporary Issues in Social Sciences | HEC Y | 3  | Ms Syeda Ume Laila Naqvi               | KRSS |
| 9 | Lived Experiences of Women Deans in Pakistani Universities-A Phenomenological Perspective  | Qlantic Journal of Social Sciences                              | HEC Y | 5  | Ms Syeda Ume Laila Naqvi               | KRSS |

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| 10 | UNDERSTANDING THE ORIGINS, IMPACTS, AND REMEDIES FOR MUNGBEAN YELLOW MOSAIC VIRUS  | Plant Protection  | HEC Y | 8    | Talha Shafique                           | KRSS |
| 11 | Neuropsychological Functioning Among Patients with OCD in Asian Countries: A Systematic Review   | Innovations in clinical neuroscience                              | HEC Y |      | Zarmin Tariq                             | KRSS |
| 12 | Challenges of Democratic Leadership Styles at the University Level.  | International Journal of Contemporary Issues in a Social Sciences | HEC Y | 3    | Abdul Malik, Muhammad Tahir Mushtaq      | ODR  |
| 13 | Development of the Future Curriculum at the University Level   | Qlantic Journal of Social Sciences                                | HEC Y | 5    | Abdul Malik                              | ODR  |
| 14 | Emerging Trends: The Role of Digitalization and New Media in Higher Education  | Jahan-e-Tahqeeq   | HEC Y | 7    | Abdul Malik, Tayyab Farooq Bhatti        | ODR  |
| 15 | Role of Synthetic Intelligence in Higher Education   | International Journal of Human and Society (IJHS)                 | HEC Y | 4    | Abdul Malik                              | ODR  |
| 16 | UNIVERSITY TEACHERS AWARENESS OF ARTIFICIAL INTELLIGENCE PROGRAMS AT THE UNIVERSITY LEVEL  | Harf-o-Sukhan   | HEC Y | 8    | Abdul Malik, Dr. Abdul Ghafoor Chaudhary | ODR  |
| 17 | Exports FDI Inflows Renewable Energy and Economic Growth: An Empirical Evidence from Singapore   | Bulletin of Business and Economics                                | HEC Y | 13   | Dr. Muhammad Ibrahim Saeed               | ODR  |
| 18 | Cultural Filiation and Affiliation in Salt and Saffron: A Study of Diasporic Identity  | Qlantic Journal of Social Sciences and Humanities                 | HEC Y | 5    | Fariha Anjum                             | ODR  |
| 19 | A review on modified ZnO to address environmental challenges through photocatalysis: Photodegradation of organic pollutants                  | Materials Today Energy  | HEC W | 2025 | Komal Aroosh                             | ODR  |
| 20 | Abusive supervisor triggers counterproductive work behaviors in nursing staff: role of psychological contract breach and Islamic work ethics | Leadership & Organization Development Journal                     | HEC W | 45   | Mr Muhammad Tasnim Khan                  | ODR  |

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| 21 | THE NEXUS BETWEEN CORPORATE GOVERNANCE MECHANISM AND CAPITAL STRUCTURE: EMPIRICAL EVIDENCE FROM AN ECONOMY OF PAKISTAN                             | Journal of Economics and Management Sciences | HEC Y | 4   | Mr Muhammad Tasnim Khan                 | ODR |
| 22 | Analysis of Kudryashovs equation with conformable derivative via the modified Sardar sub-equation algorithm  | Results in Physics                           | HEC W | 60  | Mr Waqas Ali Faridi                     | ODR |
| 23 | Dynamical analysis of optical soliton structures for wave propagation in nonlinear low-pass electrical transmission lines under effective approach | Optical and Quantum Electronics              | HEC W | 56  | Mr Waqas Ali Faridi                     | ODR |
| 24 | Dynamical study of optical soliton structure to the nonlinear Landau-Ginzburg-Higgs equation through computational simulation                      | Optical and Quantum Electronics              | HEC W | 56  | Mr Waqas Ali Faridi                     | ODR |
| 25 | Exploring the optical soliton solutions of Heisenberg ferromagnet-type of Akbota equation arising in surface geometry by explicit approach         | Optical and Quantum Electronics              | HEC W | 56  | Mr Waqas Ali Faridi, Muhammad Abu Bakar | ODR |
| 26 | Extraction of newly soliton wave structure to the nonlinear damped Korteweg-de Vries dynamical equation through a computational technique          | Optical and Quantum Electronics              | HEC W | 56  | Mr Waqas Ali Faridi                     | ODR |
| 27 | On optical soliton wave solutions of non-linear Kairat-X equation via new extended direct algebraic method   | Optical and Quantum Electronics              | HEC W | 56  | Mr Waqas Ali Faridi                     | ODR |
| 28 | Phase trajectories and Chaos theory for dynamical demonstration and explicit propagating wave formation  | Chaos Solitons and Fractals                  | HEC W | 182 | Mr Waqas Ali Faridi                     | ODR |

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| 29 | The formation of invariant optical soliton structures to electric-signal in the telegraph lines on basis of the tunnel diode and chaos visualization conserved quantities: Lie point symmetry approach | Optik   | HEC W | 305 | Mr Waqas Ali Faridi | ODR |
| 30 | The fractional soliton solutions of dynamical system arising in plasma physics: The comparative analysis   | Alexandria Engineering Journal                    | HEC W | 95  | Mr Waqas Ali Faridi | ODR |
| 31 | The Lie point symmetry criteria and formation of exact analytical solutions for Kairat-II equation: Paul-Painlevé approach   | Chaos Solitons and Fractals                       | HEC W | 182 | Mr Waqas Ali Faridi | ODR |
| 32 | The optical exact soliton solutions of Shynaray-IIA equation with -model expansion approach  | Optical and Quantum Electronics                   | HEC W | 56  | Mr Waqas Ali Faridi | ODR |
| 33 | A Novel Investigation on Propagation of Envelop Optical Soliton Structure Through a Dispersive Medium in the Nonlinear Whitham-Broer-Kaup Dynamical Equation   | International Journal of Theoretical Physics      | HEC X | 63  | Mr Waqas Ali Faridi | ODR |
| 34 | Exploration of Soliton Solutions in Nonlinear Optics for the Third Order Klein-Fock-Gordon Equation and Nonlinear Maccari- $\alpha$ , $\beta$ System   | International Journal of Theoretical Physics      | HEC X | 63  | Mr Waqas Ali Faridi | ODR |
| 35 | The construction of exact solution and explicit propagating optical soliton waves of Kuralay equation by the new extended direct algebraic and Nucci- $\alpha$ , $\beta$ reduction techniques          | International Journal of Modelling and Simulation | HEC X |     | Mr Waqas Ali Faridi | ODR |

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| 36 | Breaking barriers in electrocatalysis: unleashing the power of highly efficient Mn/CoS@S-g-C3N4 nanocomposite for electrocatalytic water splitting and superior H2 production | Journal of Porous Materials                         | HEC W | 2024 | Sanam Shafique, Hafiz Dawood Khalid, Mohsin Javed & Sana Mansoor            | ODR |
| 37 | Designing an eco-friendly Co/MnS/S-g-C3N4 nanocomposites: revolutionizing photocatalytic dye degradation and antibacterial efficiency   | Journal of Sol-Gel Science and Technology           | HEC W | 113  | Yasmeen Khan, Mohsin Javed, Sana Mansoor & Sammia Shahid                    | ODR |
| 38 | Utilization of egg white for the eco-friendly synthesis of cobalt oxide nanoparticles aimed at the photocatalytic degradation of methylene blue and ciprofloxacin             | Ionics  | HEC W | 31   | Mubashira Fatima, Sammia Shahid, Sana Mansoor, Sehrish Afzal & Mohsin Javed | ODR |
| 39 | Are Shariah Banking Financing Patterns Procyclical?   | Journal of Asian Development Studies                | HEC Y | 13   | Ms Saroosh Tariq  | ODR |
| 40 | The Nexus of Free Cash Flow and Asset Utilization: Moderating Effects of Gender Diversity and Board Independence  | Remittances Review                                  | HEC X | 9    | Muhammad Shahzad Gul  | ODR |
| 41 | Impact of Organizational Justice on Employee Satisfaction Among Punjab Police: An Empirical Investigation in the Post Model Town Incident Time                                | Journal of Police and Criminal Psychology           | HEC W | 39   | Muhammad Tasnim Khan  | ODR |
| 42 | Measuring the Nexus Between Information Literacy, Creativity, and Lifelong Learning in Media Professionals  | Administrative Sciences                             | HEC X | 14   | Rozeen Shaukat  | ODR |
| 43 | Protective Effect of Thymoquinone Coated Zinc Oxide Nanoparticles Against Aflatoxin B1 Induced Hepatotoxicity in Albino Rats  | Lahore Garrison University Journal of Life Sciences | HEC Y | 8    | Syeda Aamna Hassan  | ODR |

| 44   | Single and Multi-Valued Ordered-Theoretic Perov Fixed-Point Results for $\theta$ -Contraction with Application to Nonlinear System of Matrix Equations   | Mathematics  | HEC W   | 12  | Umar Ishtiaq  | ODR   |
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| 45   | Some New Notions of Continuity in Generalized Primal Topological Space   | Mathematics  | HEC W   | 12  | Umar Ishtiaq  | ODR   |
| 46   | New Fixed Point Results in Neutrosophic Metric Spaces  | Neutrosophic Sets and Systems                      | HEC Y   | 65  | Umar Ishtiaq  | ODR   |
| 47   | On Generalized Sehgal–Guseman-Like Contractions and Their Fixed-Point Results with Applications to Nonlinear Fractional Differential Equations and Boundary Value Problems for Homogeneous Transverse Bars | Mathematics  | HEC W   | 12  | Umar Ishtiaq  | ODR   |
| 48   | On Intuitionistic Fuzzy n-Controlled Metric Spaces with Application in Economics   | International Journal of Analysis and Applications | HEC X   | 22  | Umar Ishtiaq  | ODR   |
| 49   | Fixed point results in intuitionistic fuzzy pentagonal controlled metric spaces with applications to dynamic market equilibrium and satellite web coupling   | PLOs ONE   | HEC W   | 19  | Umar Ishtiaq, Khaleel Ahmad                               | ODR   |
| 50   | How Intrinsic Motivation augments Innovation and Commitment? A Moderated Mediation Model of Employee's Trust and Engagement  | Pakistan Journal of Humanities and Social Sciences | HEC Y   | 12  | Mr Muhammad Tasnim Khan, Syed Ahmad Ali, Hafeez ur Rehman | ODR, Department of Economics and Quantitative Methods |
| 51   | Improving Leadership Decision-Making (LDM) through Knowledge Management (KM) in Public Sector (PS) of Pakistan   |  | HEC Y   | 3   | Muhammad Abdus Salam, Naveed ul Haq                       | ORIC  |
| <b>School of Architecture and Planning (SAP)</b> |  |  |         |     |   |   |
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| 2 | A Socio-Economic and Environmental Interpretation of Barkat Market Lahore through Urban Acupuncture   | Journal of Development and Social Sciences                      | HEC Y |   | Faiqa Khan, Hafiz Muhammad Ahmed Nadeem, Syed Hassan Amir Jafri    | Department of Architecture |
| 3 | Building Peace in Swat Valley: A Qualitative Study of Multi-Stakeholder Involvement in Sustaining Peace   | Annals of Human and Social Sciences                             | HEC Y |   | Faiqa Khan   | Department of Architecture |
| 4 | Comparing Carbon Emission of Planned and Unplanned Areas of Lahore  | Remittances Review  | HEC X |   | Faiqa Khan   | Department of Architecture |
| 5 | INVESTIGATING THE IMPACTS OF SKYLINE ON SOCIO-ECONOMIC STATUS AND SOCIO-CULTURAL FABRIC OF HALA   | International journal of Contemporary Issues In Social Sciences | HEC Y | 3 | Faiqa Khan   | Department of Architecture |
| 6 | Urban Morphology: A thorough Comparison of Modernist and Postmodernist Town Planning Unveiling Systematic Neglect of Social and Human Factors         | Journal of Development and Social Sciences                      | HEC Y |   | Faiqa Khan   | Department of Architecture |
| 7 | Origin and Semantics of Mihrab in Islamic Funerary Architecture   | Tanazur   | HEC Y | 5 | Faiqa Khilat   | Department of Architecture |
| 8 | A Proposal for Creating a Sense of Place: The Case Study of Shopping Street of MM Alam Road Lahore Pakistan   | Research Journal for Societal Issues                            | HEC Y | 6 | Abdul Mahad Kamal, Muhammad Ilyas Malik, Farah Jamil, Seemin Aslam | Department of Architecture |
| 9 | Evaluation Of LEED Certification Potential For Built Environment Pedagogy At Undergraduate Level In Pakistan. Case For Architecture & Design Domains. | International Journal of Human and Society (IJHS)               | HEC Y | 4 | Omer Shujat Bhatti, Hafiz Muhammad Ahmed Nadeem                    | Department of Architecture |

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| 10 | A Comparative Study of Community Parks Lahore: Assessing Design Amenities and User Preferences   | Kurdish Studies   | HEC W | 12 | Farhana Naz, Fatima Nasir Alvi, Sobia Razzak, Saffa Khan, Sana Malik, Mr Saad Mujahid | Department of Architecture |
| 11 | ARCHITECTURAL ORNAMENTATION OF SIKH HAVELI: A CASE STUDY OF NAU NEHAL SINGH HAVELI-LAHORE  | International Journal of Contemporary Issues in Social Sciences | HEC Y | 3  | Mahrukh Rehman Mirza, Mr Saad Mujahid   | Department of Architecture |
| 12 | Redefining Urban Public Square as Piazza through Metamorphosis in Architecture   | Remittances Review  | HEC X | 9  | Faiqa Khan, Mr Saad Mujahid   | Department of Architecture |
| 13 | Regional Progression Gardens of Lahore in Context of Design & Open Spaces with Historical Timeline: Pre and Post Partition   | Journal of Historical Studies                                   | HEC Y | X  | Omer Shujat Bhatti, Mr Saad Mujahid   | Department of Architecture |
| 14 | Sustainable Building Envelopes: A Solution for Energy Crisis in Buildings Pakistan   | International Journal of Social Science Archives                | HEC Y | 7  | Faiqa Khana, Omer Shujat Bhatti, Saad Mujahid, Hafiz Muhammad Ahmed Nadeem            | Department of Architecture |
| 15 | Therapeutic Transformation through Healing Environment. Evaluation of Post Surgical Facilities Optimization in Selected Tertiary Healthcare Facilities in Post Covid-19 Kpk Pakistan | Journal of Health and Rehabilitation Research (JHRR)            | HEC Y |    | Omer Shujat Bhatti, Mr Saad Mujahid   | Department of Architecture |
| 16 | Unveiling Climate Consciousness: Assessing Perceptions based on Social Media and Mass Communication Strategies among Balochistan University Students                                 | Journal of Development and Social Sciences                      | HEC Y |    | Omer Shujat Bhatti, Mr Saad Mujahid   | Department of Architecture |

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| 17 | Exploring Cultural Identity Through Architecture: The Impact of Foreign Architects on Post-Colonial Pakistan                                | Remittances Review  | HEC X | 9      | Ms Arsala Hashmi, Seemin Aslam                    | Department of Architecture |
| 18 | Green Spaces in Urban Environments: Enhancing Childrens Health and Cognitive Development  | Remittances Review  | HEC X | 9      | Ms Arsala Hashmi                                  | Department of Architecture |
| 19 | Assessing the Effectiveness of Blooms Taxonomy in Architectural Design Studios: A Study on Implementing Outcome-Based Education in Pakistan | Journal of Development and Social Sciences (JDSS)               | HEC Y | 5      | Faiqa Khilat, Beenish Mujahid, Farah Jamil        | Department of Architecture |
| 20 | Challenges in Implementing BIM in Architectural Education: Perspectives from UMT and UOL Students   | Remittances Review  | HEC X | 9      | Seemin Aslam, Arsala Hashmi, Beenish Mujahid      | Department of Architecture |
| 21 | Effects of Commercialization on Microclimate of Lahore: Contextual Investigation of Karim Block Allama Iqbal Town Lahore                    | Pakistan Social Sciences Review                                 | HEC Y |        | Ms Hira Binte Iftikhar, Aleena Sohail, Faiqa Khan | Department of Architecture |
| 22 | ENVISIONED CITIES: MODERNISTS RESPONSES TO TECHNOLOGICAL INNOVATION   | International Journal of Contemporary Issues in Social Sciences | HEC Y | 3      | Ms Madiha Ghafoor                                 | Department of Architecture |
| 23 | Terrorism and the Urban Environment of Lahore   | PAKISTAN JOURNAL OF LAW ANALYSIS AND WISDOM                     | HEC Y | 3      | Ms Madiha Ghafoor                                 | Department of Architecture |
| 24 | An Inquiry into Universal Design and Accessibility for Ambulatory Disabilities in Commercial Spaces of DHA Neighborhood of Lahore           | Policy Journal of Social Science Review                         | HEC Y | Vol. 2 | Ms Madiha Ghafoor, Ms Saira Naeem                 | Department of Architecture |
| 25 | Analytical Study Of Inclusivity In Design Of University Campuses In Lahore  | Migration Letters   | HEC X | 21     | Ms Madiha Ghafoor, Ms Saira Naeem                 | Department of Architecture |

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| 26 | Geo-sustainable Practices in Urban Agriculture: A Study of Sustainable Land Use and Natural Resource Conservation at Household Level                 | Research Journal for Societal Issues   | HEC Y | 6       | Ms Saira Naeem   | Department of Architecture |
| 27 | Creating a Sense of Place: A Proposal for Shopping Street of MM Alam Road Lahore Pakistan  | Research Journal for Societal Issues   | HEC Y | 6       | Abdul Mahad Kamal, Muhammad Ilyas Malik, Farah Jamil, Seemin Aslam | Department of Architecture |
| 28 | Design Guidelines for Implementation of Daylighting Strategies in Buildings of Pakistan  | Research Journal for Societal Issues   | HEC Y | 6       | Seemin Aslam, Arsala Hashmi, Saira Naeem                           | Department of Architecture |
| 29 | Simulated and measured versus user's satisfaction based daylighting evaluations and Conformity Rectifications: A Case of Academic building in Lahore | Technical Journal University of Engineering and Technology (UET) Taxila Pakistan | HEC Y | Vol. 29 | Ms Seemin Aslam  | Department of Architecture |
| 30 | A REVIEW FOR UNDERSTANDING THE EFFECTS OF DAYLIGHT EXPOSURE ON THE OCCUPANTS OF DIFFERENT SPACES   | Journal of Media Horizons  | HEC Y | 5       | Omer Shujat Bhatti   | Department of Architecture |
| 31 | Analysis of Socio-Economic Conditions of Working Women and the Role of Built Environment to Enhance Quality of Life in Islamabad                     | Journal of Asian Development Studies   | HEC Y | 13      | Omer Shujat Bhatti   | Department of Architecture |
| 32 | Architecture Transformation Of Slums: A Case Study Of Slum Bela Korona Nowshera Region In Khyber Pakhtunkhwa.  | INTERNATIONAL JOURNAL OF HUMAN AND SOCIETY                                       | HEC Y | 4       | Omer Shujat Bhatti   | Department of Architecture |
| 33 | Bridging Climate Awareness and Architecture: The Impact of Climate Change Perceptions on KPKs Architectural Practices                                | International Journal of Social Science Archives                                 | HEC Y | 7       | Omer Shujat Bhatti   | Department of Architecture |

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| 34 | Conservation Plan and Architectural Documentation of Jani Khanâ€™s Tomb   | International Journal of Social Science Archives           | HEC Y | 7  | Omer Shujat Bhatti                     | Department of Architecture |
| 35 | Designing resilience: Reconstruction of flood affected Areas in Sindh Pakistan: a case of rotary smart villages   | International Journal of Social Science Archives           | HEC Y | 7  | Omer Shujat Bhatti                     | Department of Architecture |
| 36 | FROM CURRENT DEFICIENCY TO DESIGN INTERVENTION: DEVELOPING PSYCHIATRIC HOSPITAL ARCHITECTURAL DESIGN FOR SUSTAINABLE HOLISTIC MENTAL HEALTHCARE IN PAKISTAN.          | Policy Research Journal                                    | HEC Y | 2  | Tayyaba Khan Tanoli,Omer Shujat Bhatti | Department of Architecture |
| 37 | Integrating Remote Sensing and Geographical Information Systems for Urban Flash Flood Susceptibility Mapping in Rawalpindi and Islamabad Pakistan                     | Kurdish Studies  | HEC W | 12 | Omer Shujat Bhatti                     | Department of Architecture |
| 38 | Navigating the Dual Crisis: High-Performance Housing as a Solution for Climate and Socio-Economic Challenges in Multan Pakistan                                       | Annals of Human and Social Sciences                        | HEC Y | 5  | Omer Shujat Bhatti                     | Department of Architecture |
| 39 | Optimizing Green Design: Evaluating Environmental Satisfaction of End Users in Bhimbers DhqOutpatient Department for Sustainable Future Usage & Optimum Functionality | Sustainable Business and Society in Emerging Economies     | HEC Y | 6  | Omer Shujat Bhatti                     | Department of Architecture |
| 40 | Optimizing Urban Cooling: A Comparative Analysis of Green Infrastructure in Peshawar  | PAKISTAN SOCIAL SCIENCES REVIEW                            | HEC Y | 8  | Omer Shujat Bhatti                     | Department of Architecture |
| 41 | REFORM PRIMARY HEALTHCARE CRITICAL ENVIRONMENTAL NEEDS: AN EVALUATION OF BASIC HEALTH UNITS IN BARKHAN BALOCHISTAN  | Journal of Population Therapeutics & Clinical Pharmacology | HEC X | 31 | Omer Shujat Bhatti                     | Department of Architecture |

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| 42 | Towards Sustainable Villa Architecture Design: A Case Study Of Selected Areas In Kuwait's Mishrif Region.   | International Journal of Human and Society                      | HEC Y | 4 | Omer Shujat Bhatti  | Department of Architecture |
| 43 | Unveiling the potential of Epidemic-Resilient Architecture through cultural integration & responsiveness for developing countries: A Virtual Reality Exploration in Pakistan with focus on enduser participation in healthcare facilities sustainability. | Remittances Review  | HEC X | 9 | Omer Shujat Bhatti  | Department of Architecture |
| 44 | Why BIM not standardized by LDA for Submission documentation? A review  | International Journal of Politics & Social Sciences Review      | HEC Y | 3 | Omer Shujat Bhatti  | Department of Architecture |
| 45 | EXPLORING ARCHITECTURAL ORNAMENTATION OF MUGHAL ERA BUILDINGS OF LAHORE IN THE ERA OF CLIMATE CHANGE CHALLENGES   | International Journal of Contemporary Issues in Social Sciences | HEC Y | 3 | Faiqa Khan,Omer Shujat Bhatti,Rummana Khan Sherwani,Saad Mujaahid Bazla | Department of Architecture |
| 46 | A Study of Coronation Library Faisalabad-Focusing on Aesthetics   | International Journal of Social Science Archives                | HEC Y | 7 | Manzoor,Saima Gulzar, Faiqa Khan,Ayaz Mahmood                           | Department of Architecture |
| 47 | Analysis of the Transformation of Residential Open Spaces from Center of Activities to Empty Enclosures   | Research Journal for Societal Issues                            | HEC Y | 6 | Saima Gulzar  | Department of Architecture |
| 48 | Climate Change and its Impact on Disaster Risk Reduction Strategies for Buddhist Heritage in Swat and Mardan Khyber Pakhtunkhwa   | annals of human and social sciences                             | HEC Y | 5 | Saima Gulzar  | Department of Architecture |
| 49 | Construction Techniques and Material used in Subcontinent during British Era: A Case Study of Shikarpur Sindh   | International Journal of Social Science Archives                | HEC Y | 7 | Saima Gulzar  | Department of Architecture |

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| 50 | Establishing Significance of Old Central Hub-Faisalabad Built Heritage through Documentation for Regeneration Strategy                                      | Journal of Development and Social Sciences      | HEC Y | 5         | Bazla Manzoor,Saima Gulzar,Fatima Tuz-Zahra                         | Department of Architecture               |
| 51 | Practices contributing to building sustainability: Investigating opinions of architecture students using partial least squares structural equation modeling | Journal of Building Engineering                 | HEC W | 96        | Saima Gulzar  | Department of Architecture               |
| 52 | Reinterpreting Residential Enclosed Open Space Of Lahore: A Study Into Elderly Occupant Perception  | Kurdish Studies                                 | HEC X | 12        | Fatima Nasir Alvi,Dr.Saima Gulzar,Sobia Razzak,Mahrukh Rehman Mirza | Department of Architecture               |
| 53 | Role and Importance of Identified Historic Bazar of Sultanate Period toward Tourism and Economic upliftingin the Region of Southern Punjab Pakistan         | Journal of Arts and Social Sciences             | HEC Y | 11        | Ayaz Mahmood,Saima Gulzar   | Department of Architecture               |
| 54 | Unveiling the Past: Stone Carving Techniques as Visual Art and the Significance of Ancient Graveyards in Sindh - Chaukhandi Tombs                           | Journal of Development and Social Sciences      | HEC Y | 5         | Saima Gulzar  | Department of Architecture               |
| 55 | INTERACTIVE SPATIAL EVALUATION FOR ENVIRONMENTAL ENHANCEMENT: CROSS COMPARISON OF SELECTED OLD AGE HOMES FOR SUSTAINABLE USAGE.                             | Remittances Review                              | HEC X | 9         | Omer Shujat Bhatti, Zakra Ahmad                                     | Department of Architecture               |
| 56 | Unlocking the Metaverse Potential: Evaluation of Public and Private Higher Educational Institutions in Pakistan on adoption to Futuristic Technologies      | PAKISTAN LANGUAGES AND HUMANITIES REVIEW (PLHR) | HEC Y |           | Zakra Ahmad,Saima Batool,Omer Shujat Bhatti                         | Department of Architecture               |
| 57 | Assessing smog risk perception in Lahore metropolitan: A survey-based analysis  | Urban Climate                                   | HEC W | Volume 56 | AMNA ALI  | Department of City and Regional Planning |

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|----|---|---|-------|---|---|--|
| 58 | A Study of Implementation and Success of Building Bye-Laws in Lahore  | Annals of Human and Social Sciences                           | HEC Y | 5 | Rummana Sherwani, Arsal Hashmi, Faiqa Khan                          | Department of City and Regional Planning |
| 59 | Exploring Architectural Ornamentation of Mughal Era Buildings of Lahore in The Era of Climate Change Challenges | international journal of contemporay issues in social science | HEC Y | 3 | Faiqa Khan, Omer Shujat Bhatti, Rummana Khan Sherwani, Saad Mujahid | Department of City and Regional Planning |
| 60 | Traditional Courtyard Planning for Sustainable Architecture Solutions   | Annals of Human and Social Sciences                           | HEC Y | 5 | Rummana Sherwani, See min Aslam                                     | Department of City and Regional Planning |

#### School of Commerce and Accountancy (SCA)

| Sr. | Title   | Journal Name                                     | Ranking | Vol | Name   | Department |
|-----|---|--|---------|-----|--|------------|
| 1   | Bank capital and risk in emerging banking of Jordan: a simultaneous approach                            | Cogent Economics & Finance                       | HEC X   | 12  | Dr Muhammad Hassan Danish  | SCA        |
| 2   | Relation between corruption institutional trust and subjective well-being: An empirical analysis        | Journal of Infrastructure Policy and Development | HEC X   | 8   | Dr Muhammad Hassan Danish  | SCA        |
| 3   | Board Gender Diversity and Financial Reporting Quality  | Journal of Policy Research                       | HEC Y   | 10  | Mr Muhammad Azeem Naz  | SCA        |
| 4   | Board Gender Diversity and Firm Value: A Case of PSX  | Bulletin of Business and Economics               | HEC Y   | 13  | Mr Muhammad Azeem Naz  | SCA        |
| 5   | Does Ownership Structure Matter for Firm Innovation and Firm Performance? A Case of PSX-Listed Firms    | Journal of Business and Management Research      | HEC Y   | 3   | Fatima Jamal, Burhan Rasheed, Zohair Farooq Malik, Numan Aslam, Syed Taha Fraz | SCA        |
| 6   | Enterprise Recourse Planning Adoption Behaviour in SMEs of Pakistan with the Mediating Role of Attitude | Journal of Excellence in Social Sciences         | HEC Y   | 3   | Mr Muhammad Azeem Naz  | SCA        |



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| 7  | Ethics Redefined: A Comparative Study on Women on Boards vs. Attributes of Corporate Governance in the Light of Firm Performance                | Journal of Economic Impact                         | HEC Y | 6  | Neha Hussain, Burhan Rasheed, Zohair Farooq Malik, Syed Taha Fraz, Muhammad Umar Munir          | SCA |
| 8  | Impact of Financial Distress on Earnings Management with the Moderating Role of Audit Quality: Evidence from Pakistan                           | Journal of Economic Impact                         | HEC Y | 6  | Syed Taha Fraz Haider Kazmi, Burhan Rasheed, Zohair Farooq Malik, Amer Shakeel, Muhammad Gulzar | SCA |
| 9  | Impact of government quality on post-COVID subjective well-being in Pakistan: the mediating role of financial stress                            | European Journal of Government and Economics       | HEC Y | 13 | Dr Muhammad Hassan Danish   | SCA |
| 10 | Navigating the New Normal: Psychological Capitals Mediating Role in the Work-From-Home Paradigm   | The Critical Review of Social Sciences Studies     | HEC Y | 2  | Ms Sumaira Aslam  | SCA |
| 11 | The Interplay of Mental Budgeting Self-Control and Financial Behavior: Implications for Individual Financial Well-Being                         | Pakistan Journal of Humanities and Social Sciences | HEC Y | 12 | Ms Sumaira Aslam  | SCA |
| 12 | Understanding Sustainable Fintech Adoption Across Generations in Pakistan   | Journal of Asian Development Studies               | HEC Y | 13 | Mr Muhammad Azeem Naz   | SCA |
| 13 | Unveiling the Dynamics of E-Wallet Adoption in Pakistan: Exploring the Mediating Influence of Facilitating Conditions on Behavioural Intentions | JOURNAL OF EXCELLENCE IN MANAGEMENT SCIENCES       | HEC Y | 3  | Mr Muhammad Azeem Naz   | SCA |

| 14   | Impact of Participative Leadership on Job Commitment in Diverse Organizational Cultures: Mediating Role of Job Satisfaction                                     | RADS Journal of Management                                       | HEC Y   | 6   | Muhammad Hasnain Abbas Naqvi, Mishal Hasnain Naqv   | SCA        |
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| <b>School of Design and Textiles (SDT)</b> |   |  |         |     |   |            |
| Sr.  | Title   | Journal Name   | Ranking | Vol | Name  | Department |
| 1  | DESIGNING FUNCTIONAL AND AESTHETIC HOME TEXTILES FOR MOSQUITO CONTROL IN THE INDOOR BUILT ENVIRONMENT: A REVIEW OF NEEDS ASSESSMENT AND OPPORTUNITIES IN PUNJAB | Journal of Arts and Social Sciences ( JASS)                      | HEC Y   | 11  | Ms Amna Khalid,Mumta z Hasan Malik  | SDT        |
| 2  | Dissenting Art- Political Cartoons of Anwar Ali (1922-2004)   | JOURNAL OF DESIGN AND TEXTILES                                   | HEC Y   | 3   | Ms Mamoonah Zahid   | SDT        |
| 3  | Enhancing Ultraviolet Protection of Bamboo Fabrics using Photochromic Vat Dyes  | Journal of Design and Textiles (JDT)                             | HEC Y   | 3   | Imran Ahmad Khan, Ahmad Fraz, Adil Masood Qazi, Syeda Sidra Batool, Asfandiyar Khan, and Kashif Javed | SDT        |
| 4  | Study on denim dress designs in apparel industry for sustainability and cost-effectiveness  | Mehran University Research Journal of Engineering and Technology | HEC Y   | 43  | Tayyab Naveed, Ahmad Fraz,Nadeem Afraz,Arooj Shahid,Mahreen Sarfraz                                   | SDT        |
| 5  | Development of Highly Flexible Piezoelectric PVDF-TRFE/Reduced Graphene Oxide Doped Electrospun Nano-Fibers for Self-Powered Pressure Sensor                    | Polymers   | HEC W   | 16  | Dr Kashif Javed   | SDT        |
| 6  | Eco-friendly dyeing of cotton with natural colorants using natural mordants obtained from aloe vera   | Journal of the Indian Chemical Society                           | HEC Y   | 101 | Dr Kashif Javed   | SDT        |

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| 7  | Sustainable Dyeing of Wool and Silk with Conocarpus erectus L. Leaf Extract for the Development of Functional Textiles      | Sustainability   | HEC W | 16  | Tayyaba Nadeem, Kashif Javed, Faiza Anwar, Mumtaz Hasan Malik and Asfandiyar Khan | SDT |
| 8  | Development of Maghemite Nanoparticles to Effectively Adsorb Methylene Blue Dye from Water                                  | Water Air Soil Pollution   | HEC X | 235 | Muhammad Azeem Ashraf, Dr Mumtaz Hasan Malik                                      | SDT |
| 9  | Ultrasonic Assisted Enhancement in Natural Dye Extraction from Eucalyptus for Process Optimization                          | JOURNAL OF NATURAL FIBERS  | HEC W | 21  | Dr Tayyab Naveed  | SDT |
| 10 | Performance Enhancement of Novel and Sustainable Foam Dyeing of Polyester Fabrics Using Disperse Dyes                       | Fibers and Polymers  | HEC X | 25  | Nadeem Afraz, Mumtaz Hussan Malik, Dr Tayyab Naveed                               | SDT |
| 11 | Simulation-based thermal analysis and validation of clothed thermal manikin   | Mehran University Research Journal of Engineering and Technology | HEC Y | 43  | Dr Tayyab Naveed  | SDT |
| 12 | Ferrite-based photocatalysts: Synthesis modifications and key parameters in photocatalytic-related applications             | Materials Today Communications                                   | HEC W | 40  | Dr. Asfandiyar Khan   | SDT |
| 13 | Incorporation of nanoparticles in silk fibroin solution: Toward water-stable silk fibroin films possessing silk I structure | Polymers for Advanced Technologies                               | HEC W | 35  | Zeeshan Tariq, Dr. Asfandiyar Khan  | SDT |

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| 14 | Analysis of Identifying and Correcting the Digital Printing Defects in Pakistans Textile Industry                        | Tekstilec  | HEC X | 67  | Ambreen, Kashif Javed, Asfandiyar Khan, Faiza Anwar, Imran Ahmad Khan, Mumtaz Hassan Malik | SDT |
| 15 | Sustainable dyeing of modified cotton fabric with Remazol dyes in the absence of salt and alkali                         | CELLULOSE CHEMISTRY AND TECHNOLOGY                               | HEC X | 58  | Dr. Asfandiyar Khan  | SDT |
| 16 | Recycling orange waste for the sustainable dyeing of polyester fabric  | Journal of the Indian Chemical Society                           | HEC Y | 101 | Imran Ahmad Khan, Kashif Javed, Dr. Asfandiyar Khan  | SDT |
| 17 | Aesthetic relationship between personality emotions and contemporary graphic design patterns on the surfaces of textiles | Mehran University Research Journal of Engineering and Technology | HEC Y | 43  | Tayyab Naveed, Ms Syeda Sidra Batool, Arooj Shahid   | SDT |
| 18 | SURFACE DESIGNING AND ITS AESTHETIC USE AS TEXTILE SKILLS IN VOCATIONAL INSTITUTES                                       | Pakistan Journal of Educational Research- PJER                   | HEC Y | 7   | Tamima Arshad  | SDT |

#### School of Engineering (SEN)

| Sr. | Title  | Journal Name       | Ranking | Vol | Name                          | Department                      |
|-----|--|--------------------|---------|-----|-------------------------------|---------------------------------|
| 1   | Evaluating the combined effect of sugarcane bagasse ash, metakaolin, and polypropylene fibers in sustainable construction      | Scientific Reports | HEC W   | 14  | Ali Ajwad                     | Department of Civil Engineering |
| 2   | Enhancing the engineering characteristics of sustainable recycled aggregate concrete using fly ash, metakaolin and silica fume | Heliyon            | HEC W   | 10  | Ali Ajwad                     | Department of Civil Engineering |
| 3   | Exploring the Potential of Machine Learning in Stochastic Reliability Modelling for Reinforced Soil Foundations                | Buildings          | HEC W   | 14  | Dr Muhammad Nouman Amjad Raja | Department of Civil Engineering |

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| 4  | Smart prediction of liquefaction-induced lateral spreading  | Journal of Rock Mechanics and Geotechnical Engineering               | HEC W | 16 | Dr Muhammad Nouman Amjad Raja  | Department of Civil Engineering |
| 5  | An overview impact of COVID-19 on the construction industry in Pakistan   | Organization Technology and Management in Construction               | HEC Y | 16 | Dr Muhammad Usman Rashid, Muhammad Farooq Usman, Muhammad Qasim  | Department of Civil Engineering |
| 6  | An Experimental Study on Determining the Strength Properties of FRC with Numerous Mix Proportions   | International Journal of Emerging Engineering and Technology         | HEC Y | 3  | Ali Ajwad, Usman Ilyas, Azhan Umer, Syed Muneeb Haider, Zafar Iqbal Baig, Nasir Ullah, Saddam Hussain, M M Talha Umer, Zafar Ullah | Department of Civil Engineering |
| 7  | Machine learning and multicriteria analysis for prediction of compressive strength and sustainability of cementitious materials   | Case Studies in Construction Materials                               | HEC W | 21 | Fatima Rafique   | Department of Civil Engineering |
| 8  | Enhancement in performance of RC beam-column joint under cyclic loading by using various grades of engineered cementitious composites in the joint zone-a sustainable numerical study | European Journal of Environmental and Civil Engineering              | HEC W | 28 | Iffat Siddique   | Department of Civil Engineering |
| 9  | Evaluation of strength parameters of plain and reinforced concrete with the addition of polypropylene fibers  | Mehran University Research Journal of Engineering and Technology     | HEC Y | 43 | Ali Ajwada, Usman Ilyas,, Azhan Umera, Syed Muneeb Haider  | Department of Civil Engineering |
| 10 | Examining the Effectiveness of Current Construction Methods in Pakistan   | International Journal of Emerging Engineering and Technology (IJEET) | HEC Y | 3  | Azhan Umer, Usman Ilyas and Fatima Rafique   | Department of Civil Engineering |

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| 11 | A novel user clustering and efficient resource allocation in non-orthogonal multiple access for IoT networks                                      | PLOS one  | HEC W | 1    | Syed Muhammad Hamedoon, Dr Jawwad Nasar Chattha                                | Department of Electrical Engineering |
| 12 | Towards intelligent user clustering techniques for non-orthogonal multiple access: a survey   | EURASIP Journal on Wireless Communications and Networking | HEC W | 2024 | Syed Muhammad Hamedoon, Dr Jawwad Nasar Chattha                                | Department of Electrical Engineering |
| 13 | Mel-Frequency-based Feature Analysis of Audio Signals in the Context of Holy Quran Recitation   | Arabian Journal for Science and Engineering               | HEC W |      | Muhammad Faizan, Muhammad Sameer Arif, Jawwad Nasar Chattha & Faran Awais Butt | Department of Electrical Engineering |
| 14 | A solar assisted grid-tied polygeneration system for hydrogen and electricity production: Future of energy transition from electrons to molecules | International Journal of Hydrogen Energy                  | HEC W | 69   | Muhammad Shoaib Saleem   | Department of Electrical Engineering |
| 15 | GHG emissions estimation and assessment of Pakistan's power sector: A roadmap towards low carbon future   | Results in Engineering                                    | HEC W | 22   | Muhammad Shoaib Saleem   | Department of Electrical Engineering |
| 16 | Observation of sunlight diffraction through tree twigs and leaves   | Results in Engineering                                    | HEC W | 23   | Muhammad Shoaib Saleem   | Department of Electrical Engineering |
| 17 | Optimizing renewable polygeneration: A synergistic approach harnessing solar and wind energy systems  | Results in Engineering                                    | HEC W | 21   | Muhammad Shoaib Saleem   | Department of Electrical Engineering |
| 18 | Using multi-label ensemble CNN classifiers to mitigate labelling inconsistencies in patch-level Gleason grading                                   | PLOS ONE  | HEC W | 19   | Muhammad Asim Butt, Muhammad Farhat Kaleem                                     | Department of Electrical Engineering |
| 19 | Markov chain-based impact analysis of the pandemic Covid-19 outbreak on global primary energy consumption mix                                     | Scientific Reports  | HEC W | 14   | Hussaan Ahmad  | Department of Mechanical Engineering |

| 20   | Comprehensive Analysis of Cardiovascular Diseases: Symptoms Diagnosis and AI Innovations  | Bioengineering   | HEC W   | 11  | Irsa Talib                                      | Department of Mechanical Engineering      |
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| 21   | An experimental and numerical investigation on aerodynamic characteristics for different airfoil sections for external flow   | Sukkur IBA Journal of Emerging Technologies                    | HEC Y   | 7   | Irsa Talib                                      | Department of Mechanical Engineering      |
| 22   | Nanoparticle-based cutting fluids in drilling: a recent review  | The International Journal of Advanced Manufacturing Technology | HEC W   | 131 | Muhammad Farhan                                 | Department of Mechanical Engineering      |
| 23   | Optimizing heat transfer predictions in HCNG engines: A novel model validation and comparative study via quasi-dimensional combustion modeling and artificial neural networks | International Journal of Hydrogen Energy                       | HEC W   | 83  | Muhammad Ihsan Shahid                           | Department of Mechanical Engineering      |
| 24   | Hydrogen production techniques and use of hydrogen in internal combustion engine: A comprehensive review  | Fuel   | HEC W   | 378 | Muhammad Ihsan Shahid                           | Department of Mechanical Engineering      |
| 25   | Improved Thermal Gradients in Diffuser-/Nozzle-Shaped Thermally Driven Electrochemical Cells for Enhanced Output Power Density  | Arabian Journal for Science and Engineering                    | HEC W   | 49  | Rana Abdul Qadir, Abdul Mateen, Faisal Shamshad | Department of Mechanical Engineering      |
| <b>School of Food and Agricultural Sciences (SFAS)</b> |   |  |         |     |   |   |
| Sr.  | Title   | Journal Name   | Ranking | Vol | Name  | Department                                |
| 1  | Impact of carbonated beverages on early onset of osteoporosis: A narrative review   | Nutrition and Health   | HEC Y   | 30  | Nauman Khalid                                   | Department of Food Science and Technology |
| 2  | SIMsrB5-SIGRAS4 involved in methyl jasmonate-mediated ripening and quality of postharvest tomato fruit  | Postharvest Biology and Technology                             | HEC W   | 213 | Maratab Ali                                     | Department of Food Science and Technology |
| 3  | Transcriptome reveals insights into the regulatory mechanism of cuticular wax synthesis in developing apple fruit   | Scientia Horticulturae   | HEC W   | 328 | Maratab Ali                                     | Department of Food Science and Technology |

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| 4  | Formulation and quality evaluation of chicken nuggets supplemented with beef and chicken livers                                       | Food Science of Animal Resources         | HEC W | 44  | Liaqat Mehmood, Syeda Afnan Mujahid, Sawera Asghar, Hafiz Ubaid ur Rahman, Nauman Khalid | Department of Food Science and Technology |
| 5  | Formulation and assessment of chickpea pulao using fenugreek seeds and Indian rennet to improve blood glycemic levels                 | Food Science & Nutrition                 | HEC W | 12  | Misha Arooj, Nauman Khalid, Hafiz A. R. Suleria  | Department of Food Science and Technology |
| 6  | Recent advances in applications of marine hydrocolloids for improving bread quality   | Food Hydrocolloids                       | HEC W | 148 | Anum Ishaq, Muhammad Nadeem, Rafiq Ahmad, Zahoor Ahmed, Nauman Khalid                    | Department of Food Science and Technology |
| 7  | Augmenting the Oxidative Stability of Chicken Nuggets by incorporating cumin and Black cumin as natural preservatives                 | International Journal of Food Properties | HEC W | 27  | Hafiz Ubaid ur Rahman  | Department of Food Science and Technology |
| 8  | Enhancing fruit quality, antioxidant profile and sensory characteristics of Phoenix dactylifera L. through microwave based processing | Food Bioscience                          | HEC W | 62  | Muhammad Rizwan  | Department of Food Science and Technology |
| 9  | GABA primes defense responses against Botrytis cinerea in tomato fruit by modulating ethylene and JA signaling pathways               | Postharvest Biology and Technology       | HEC W | 208 | Maratab Ali  | Department of Food Science and Technology |
| 10 | New trends in functionalities and extraction of plant proteins in designing plant-based meat analogues: A critical review             | Food Bioscience                          | HEC W | 57  | Hafiz Muhammad Rizwan Abid   | Department of Food Science and Technology |



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| 11 | Optimization of ultrasonic-assisted extraction of soluble dietary fiber ( $\beta$ -glucan) from different barley varieties and study of its characterization and functional attributes | Food Science & Nutrition                  | HEC W | 12  | Nauman Khalid  | Department of Food Science and Technology |
| 12 | Physiological and transcriptomic analysis revealed the quality regulatory mechanism of pyridoxine (vitamin B6) in fresh-cut apple  | Postharvest Biology and Technology        | HEC W | 217 | Maratab Ali  | Department of Food Science and Technology |
| 13 | Recent trends in hydrogen-associated treatments for maintaining the postharvest quality of fresh and fresh-cut fruits and vegetables: A review   | Food control                              | HEC W | 156 | Maratab Ali, Nauman Khalid,  | Department of Food Science and Technology |
| 14 | Role of sugar and energy metabolism in apple flesh browning during cold storage  | Scientia Horticulturae                    | HEC W | 326 | Maratab Ali  | Department of Food Science and Technology |
| 15 | Valorization of plant proteins for meat analogues design—a comprehensive review  | European Food Research and Technology     | HEC W | 250 | Nauman Khalid  | Department of Food Science and Technology |
| 16 | Formulation of chicken nuggets supplemented with mutton and fish livers: Insights of antioxidant and textural studies  | Preventive Nutrition and Food Science     | HEC X | 29  | Liaqat Mehmood, Sawera Asghar, Syeda Afnan Mujahid, Hafiz Ubaid ur Rahman, Nauman Khalid | Department of Food Science and Technology |
| 17 | Development and characterization of locally prepared Aloe Vera juice and its functional potential against Hyperlipidemi  | Pakistan Journal of Agricultural Sciences | HEC X | 61  | Muhammad Nadeem  | Department of Food Science and Technology |
| 18 | Formulation and Characterization of Lentil Milk-Based Soft Cheese Analogs: Insights on Physicochemical and Textural Properties   | Legume Science                            | HEC X | 6   | Hafsa Naeem, Aqsa Akhtar, Hafiz Ansar Rasul Suleria, Nauman Khalid                       | Department of Food Science and Technology |

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| 19 | Formulation of Whole Wheat Bitter Gourd-Supplemented Cookies for Improving Blood Glycemic Levels: Insights of Inhibition Assays and Antioxidant Activities | ACS Food Science and Technology            | HEC X | 4  | Saleha Khan, Nauman Khalid                           | Department of Food Science and Technology |
| 20 | Downstream Processing Functional Properties and Applications of Extracted Proteins from Nonconventional Sources for Improving Food Sustainability          | ACS Food Science & Technology              | HEC X | 4  | Sadia Aslam, Aqsa Akhtar, Wahab Nazir, Nauman Khalid | Department of Food Science and Technology |
| 21 | Exploring the Role of Licorice and Its Derivatives in Cell Signaling Pathway NF- $\kappa$ B and MAPK   | Journal of Nutrition and Metabolism        | HEC X | 1  | Muhammad Usman                                       | Department of Food Science and Technology |
| 22 | Information-seeking behaviors, attitudes and beliefs about pregnancy-related nutrition and supplementation in different communities of Pakistan            | Global Knowledge, Memory and Communication | HEC X |    | Maryam Ijaz, Nauman Khalid                           | Department of Food Science and Technology |
| 23 | Safety Assessment and Contaminants Detection in Different types of Tea and Tea products  | Reviews in Agricultural Science            | HEC Y | 12 | Aqsa Akhtar, Izma Zahir, Hafsa Naeem, Nauman Khalid  | Department of Food Science and Technology |
| 24 | Selection of processed and packaged potato-based snacks among university students: a cross-sectional study regarding food environment and dietary behavior | Arab Gulf Journal of Scientific Research   | HEC Y | 42 | Saima Sattar, Nauman Khalid                          | Department of Food Science and Technology |
| 25 | Effect of fenugreek and flaxseed polysaccharide-based edible coatings on the quality attributes and shelf life of apple fruit during storage               | Food Science and Nutrition                 | HEC W | 12 | Saba Liaquat   | Department of Food Science and Technology |
| 26 | Diosgenin: A Potential Therapeutic Phytocompound for the Management of Atherosclerosis and Other Physiological Disorders                                   | Natural Product Communications             | HEC W | 19 | Misha Arooj, Saleha Khan, Urwa Tariq                 | Department of Food Science and Technology |

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| 27 | Fundamental opportunities and challenges of nutraceutical noodles enriched with agri-food by-products   | Trends in Food Science & Technology                  | HEC W | 143 | Zahoor Ahmed                             | Department of Food Science and Technology   |
| 28 | Impact of multi-frequency ultrasound processing with different treatment times on the structural quality of frozen wheat dough  | Ultrasonics Sonochemistry                            | HEC W | 111 | Zahoor Ahmed                             | Department of Food Science and Technology   |
| 29 | Metagenomic and transcriptome insights into the disease resistance mechanisms in fresh-cut apple under pyridoxine treatment   | Postharvest Biology and Technology                   | HEC W | 218 | Maratab Ali                              | Department of Food Science and Technology   |
| 30 | Applications of Strain-Specific Probiotics in the Management of Cardiovascular Diseases: A Systemic Review  | Molecular Nutrition & Food Research                  | HEC W | 68  | Saleha Khan, Nauman Khalid               | Department of Human Nutrition and Dietetics |
| 31 | Formulation and characterisation of low-fat mozzarella cheese using basil seed mucilage: insights on microstructure and functional attributes   | International Journal of Food Science and Technology | HEC W | 59  | Aqsa Akhtar, Nauman Khalid               | Department of Human Nutrition and Dietetics |
| 32 | Involvement and Possible Mechanism of Autophagy in Postharvest Tomato Fruit Resistance Against Botrytis cinerea   | Journal of Plant Growth Regulation                   | HEC W | 43  | Maratab Ali                              | Department of Human Nutrition and Dietetics |
| 33 | Formulation and evaluation of functional attributes of low-fat mozzarella cheese using aloe vera mucilage as a potential fat replacer   | European Journal of Lipid Science and Technology     | HEC X | 126 | Aqsa Akhtar, Ramish Ansar, Nauman Khalid | Department of Human Nutrition and Dietetics |
| 34 | Emerging insights into nutrition in pediatric metabolic disease: A comprehensive review of the Second Pediatric Nutrition Conference organized by the College of Health Sciences, Qatar University, Doha, Qatar | Nutrition and Health                                 | HEC Y | 30  | Nauman Khalid                            | Department of Human Nutrition and Dietetics |

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| 35 | Improving the quality and digestibility of wheat flour starch and protein for noodles through ultrasound, high hydrostatic pressure, and plasma technologies: A review | International Journal of Biological Macromolecules | HEC W | 282 | Zahoor Ahmed ,<br>Nauman Khalid  | Department of Human Nutrition and Dietetics |
| 36 | Exploring flaxseed's potential in enhancing bone health: Unveiling osteo-protective properties   | Journal of Agriculture and Food Research           | HEC X | 15  | Muhammad Saeeduddin  | Department of Human Nutrition and Dietetics |
| 37 | Ultrasound-assisted ethanolic extract of Morus nigra fruit alleviates oxidative stress and inflammation via Keap1/Nrf2 dual oxidases and JAK/STAT pathways             | Journal of Agriculture and Food Research           | HEC X | 18  | Maria Maqsood  | Department of Human Nutrition and Dietetics |
| 38 | Low FODMAP diets—Boon or bane for individuals with GI disorders  | Nutrition and Health                               | HEC X | 30  | Waqas Asghar, Nauman Khalid  | Department of Human Nutrition and Dietetics |
| 39 | Study of metabolic syndrome indicators in newly diagnosed diabetes mellitus type 2 patients in Pakistani population  | Nutrition and health                               | HEC X | 30  | Saba Liaqat  | Department of Human Nutrition and Dietetics |
| 40 | Effect of sunflower oil nanoemulsions on the growth and lifespan extension of the <i>Caenorhabditis elegans</i>  | Food Research                                      | HEC Y | 8   | Waqas Asghar, Nauman Khalid  | Department of Human Nutrition and Dietetics |
| 41 | Food waste: The paradox that continues to undermine food and nutrition security worldwide  | Nutrition & Health                                 | HEC Y | 30  | Waqas Asghar, Nauman Khalid  | Department of Human Nutrition and Dietetics |
| 42 | Quality assessments of spring water available in various districts of Azad Kashmir   | World Journal of Biology and Biotechnology         | HEC Y | 9   | Iram Aslam, Hafiz Muhammad Rizwan Abid, Hafiz Ubaid-Ur-Rahman, Waqas Asghar, Nauman Khalid | Department of Human Nutrition and Dietetics |

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| 43  | Dominance of Cotton leaf curl Multan virus-Rajasthan strain associated with third epidemic of cotton leaf curl disease in Pakistan   | Scientific Reports                          | HEC W          | 14         | Dr. Athar Hussain  | Department of Human Nutrition and Dietetics                              |
| 44  | Genome-wide analysis and expression profiling of CalS genes in Glycine max revealed their role in development and salt stress  | Journal of King Saud University - Science   | HEC W          | 36         | Dr. Athar Hussain  | Department of Human Nutrition and Dietetics                              |
| 45  | Genome-wide and expression analysis to understand the DUF789 gene family during development of Arabidopsis thaliana  | Journal of King Saud University - Science   | HEC W          | 36         | Dr. Athar Hussain  | Department of Human Nutrition and Dietetics                              |
| 46  | Quantitative and qualitative approach for accessing and predicting food safety using various web-based tools   | Food Control                                | HEC W          | 162        | Fariz Muhammad Rizwan Abid, Nimrah Khan, Athar Hussain, Zainab Bintay Anis, Muhammad Nadeem, Nauman Khalid | Department of Human Nutrition and Dietetics                              |
| 47  | Genome-wide characterization and expression analysis of cyclic nucleotide-gated ion channels (CNGCs) gene family in Arabidopsis thaliana L. and Helianthus annuus L. for drought tolerance | Brazilian Journal of Botany ISSN: 0100-8404 | HEC X          | 447        | Dr. Athar Hussain  | Department of Human Nutrition and Dietetics                              |
| 48  | Comparative analysis diversification and functional validation of plant nucleotide-binding site domain genes   | Scientific Reports                          | HEC W          | 14         | Dr. Athar Hussain, Aqsa Anwer Khan   | Department of Human Nutrition and Dietetics, Department of Life Sciences |
| <b>School of Governance and Society (SGS)</b> |  |   |                |            |  |  |
| <b>Sr.</b>                                    | <b>Title</b>   | <b>Journal Name</b>                         | <b>Ranking</b> | <b>Vol</b> | <b>Name</b>  | <b>Department</b>  |
| 1   | Collaborative governance in disaster management and sustainable development  | Public Administration and Development       | HEC W          | 44         | Dr Aisha Azhar   | SGS  |

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| 2                                      | Ethical Challenges of Disaster Management Faced by Humanitarian Populations: Empirical Insights from a Developing Country  | Natural Hazards Review   | HEC W          | 25         | Dr Aisha Azhar                              | SGS  |
| 3                                      | Forest Aboveground Biomass Estimation and Inventory: Evaluating Remote Sensing-Based Approaches  | Forests  | HEC W          | 15         | Ahmad Gul                                   | SGS  |
| 4                                      | Investigating the flood risk perception of residents in informal settlements around the floodplains of river Ravi in Lahore Pakistan   | International Journal of Disaster Risk Reduction                 | HEC W          | 103        | Shaiza Zaib Khawaja,Ahmad Gul               | SGS  |
| 5                                      | Impact of Environmental and Economic Determinants on Life Expectancy: A Sustainable Development Exploration in Sino-Pak from 1965 to 2020  | International Journal of Environment and Sustainable Development | HEC X          | 23         | Ahmad Gul,Dr Aisha Azhar                    | SGS  |
| 6                                      | “Deterrence” Then and Now: Mapping the ‘Deterrence’ in the Contemporary Digital-Epoch  | The Regional Tribune   | HEC Y          | 3          | Rana Danish Nisar,Tariq Rahim               | SGS  |
| 7                                      | Impact of war on terror on conspiracy theory beliefs: implications for polio vaccination in Pakistan   | Journal of Public Health-Heidelberg                              | HEC Y          |            | Dr Aisha Azhar,Shehzada Samee Ullah         | SGS  |
| 8                                      | Proliferations of Gated Communities and the Fear of Crimes: An Empirical Study of Some Select Gated Communities in Zaria and Sabon Gari Local Government Areas Kaduna State Nigeria. | Journal of Education and Social Studies                          | HEC Y          | 5          | Dr Muhammad Hatim                           | SGS  |
| <b>School of Health Sciences (SHS)</b> |  |  |                |            |   |  |
| <b>Sr.</b>                             | <b>Title</b>   | <b>Journal Name</b>  | <b>Ranking</b> | <b>Vol</b> | <b>Name</b>                                 | <b>Department</b>                            |
| 1                                      | Nutraceutical activities of Trigonella foenum-graecum and Nigella sativa seeds in the management of diabetes-induced in albino rats  | Journal of Food Science  | HEC W          | 89         | Ammara Arshad, Naveed Munir, Muhammad Jawad | Department of Biomedical Laboratory Sciences |

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|---|---|---|-------|---|---|--|
| 2 | Incidence of Cachexia and its Association with Functional Capacity in Chronic Heart Failure Patients  | Pak-Euro Journal of Medical and Life Sciences | HEC Y | 7 | Anam Tariq, Faheem Mustafa, Dr. Naveed Munir                            | Department of Biomedical Laboratory Sciences |
| 3 | COVID-19 mRNA VACCINES FRONTRUNNERS: EVALUATION OF BIO-PHARMACOLOGICAL FEATURES AND ANTAGONISTIC EFFECTS OF PFIZER-BIONTECH AND MODERNA VACCINES                      | Oxidation Communications                      | HEC Y | 3 | Dr. Naveed Munir  | Department of Biomedical Laboratory Sciences |
| 4 | Frequency of Diastasis Recti in Second and Third Trimesters of Pregnancy in Jinnah Hospital Lahore. A Cross-Sectional Study   | Journal of Health and Rehabilitation Research | HEC Y | 4 | Bareera Asif, Maria Mustafa, Asma Wadood, Hafsa Khan, Alminah Shafique  | Department of Biomedical Laboratory Sciences |
| 5 | Effects of Buteyko Breathing Technique Versus Diaphragmatic Breathing on Exercise Capacity and Quality of Life in Patients with Chronic Obstructive Pulmonary Disease | Journal of Health and Rehabilitation Research | HEC Y | 4 | Mamoona Anwar, Qurat ul Ain, Arooj Fatimah, Almina Shafiq, Zarina Akbar | Department of Biomedical Laboratory Sciences |
| 6 | Comparison of Patient Satisfaction and Quality of Life to Buteyko Versus Diaphragmatic Breathing Technique in Patients with Asthma                                    | Journal of Health and Rehabilitation Research | HEC Y | 4 | Hafsa Khan, Ghazal Hussain, Rabia Majeed, Almina Shafiq, Maria Mustafa  | Department of Biomedical Laboratory Sciences |
| 7 | Effects of Exercise and Kinesiotaping with and without Wedge Insole on Pain and Function in Patients with Grade 3 Knee Osteoarthritis                                 | Journal of health and Rehabilitation Research | HEC Y | 4 | Ms Madiha Asghar, Mamoona Anwar   | Department of Biomedical Laboratory Sciences |
| 8 | Normative Value of Strength on Lower Extremity among Geriatric Population Using Dynamometer: A Cross Sectional Study  | Pakistan Journal of Physical Therapy (PJPT)   | HEC Y | 7 | Anam Abbas  | Department of Clinical Services              |

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| 9  | Association of Smartphone Overuse with Hand Discomfort in University   | Journal of health and rehabilitation research  | HEC Y | 4  | Anam Abbas  | Department of Clinical Services |
| 10 | RELATION BETWEEN SMARTPHONE USAGE ADDICTION AND TEXT NECK SYNDROME IN STUDENTS OF LAHORE INSTITUTE OF SCIENCE AND TECHNOLOGY | Pakistan Journal of Physical Therapy   | HEC Y | 7  | Ayesha Karim  | Department of Clinical Services |
| 11 | Effects of Aerobic Exercise on Blood Pressure and Sleep Quality in Hypertensive Postmenopausal Female                        | Journal of Health & Rehabilitation Research  | HEC Y | 4  | Ayesha Karim  | Department of Clinical Services |
| 12 | ASSOCIATION OF MUSCULOSKELETAL PAIN WITH WEIGHT LIFTING IN CONSTRUCTION WORKERS OF LAHORE                                    | Insights-Journal of Health and Rehabilitation  | HEC Y | 2  | Amna Khan, Aashra Zafar, Ayesha Karim, Easha Zafar, Waqas Munir, M. Talha Mehmood | Department of Clinical Services |
| 13 | Level of Physical Activity among Working Females Wearing High Heels  | journal of health and rehabilitation research  | HEC Y | 4  | Muhammad Jabbar, Zainab Hassan, Mishal Chand                                      | Department of Clinical Services |
| 14 | Evaluating the effect of vitamin D3 fortification on physicochemical and sensory properties of yogurt                        | Cogent Food & Agriculture  | HEC W | 10 | Faran Khan  | Department of Clinical Services |
| 15 | COMPARISON OF PRACTICES RELATED TO MID-MORNING SNACKS AMONG SCHOOL GIRLS OF DIFFERENT SOCIOECONOMIC STATUS                   | COMPARISON OF PRACTICES RELATED TO MID-MORNING SNACKS AMONG SCHOOL GIRLS OF DIFFERENT SOCIOECONOMIC STATUS | HEC Y | 5  | Faran Khan  | Department of Clinical Services |
| 16 | Assessment of Quality of Life for Elderly Residents: A Cross Sectional Study in Nursing Home Settings                        | Revista de Investigacion e Innovacion en Ciencias de la Salud  | HEC Y |    | Isha Manzoor, Komal Ahmed, Aneeqa Chaudhary, Saba Riaz, Maheera Nasir Ch          | Department of Clinical Services |



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| 17 | Proficiency and Ethical Standards: A Cross-Sectional Survey of Postgraduate Physical Therapy Students at RCRS Lahore   | Journal Riphah College of Rehabilitation Sciences | HEC Y | 12 | Ms Komal Ahmed   | Department of Clinical Services   |
| 18 | Prevalence of hypertension in diabetic patients in Pakistan  | Journal of Contemporary Pharmacy                  | HEC Y | 8  | Shahzada Khurram Syed  | Department of Clinical Services   |
| 19 | Effects of scapular stabilization program on pain range of motion and disability in patients with chronic non-specific neck pain   | Journal of Musculoskeletal Surgery and Research   | HEC Y | 8  | Moeen A. Khan, Ubab Nadeem, Hamza Zahid  | Department of Clinical Services, Department of Physical Therapy and Rehabilitation Sciences |
| 20 | Radiotherapy of prostate and head-and-neck tumour: An optimal treatment planning comparison for intensity modulated radiotherapy and volumetric modulated arc therapy techniques | The Journal of the Pakistan Medical Association   | HEC X | 74 | Ghulam Murtaza   | Department of Medical Imaging & Ultrasonography   |
| 21 | Crosslinking MRI with Histopathology: Cross-Sectional Analysis to Assess the Effectiveness in the Identification of Benign and Malignant Tumors                                  | PAK-EURO JOURNAL OF MEDICAL AND LIFE SCIENCES     | HEC Y | 7  | Maham Nasir, Ms Tamsal Hameed  | Department of Medical Imaging & Ultrasonography   |
| 22 | Article Comparative Study of Multi-detector Computed Tomography and Ultrasonography Findings in Blunt Abdominal Trauma in Tertiary Care Hospitals of Central Punjab              | International Health Review                       | HEC Y |    | Muhammad Zubair Saeed, Zoya Nazir Khan, Qurat ul Ain, Amin Ullah, Faizalqbal, Tehzeeb Nasir, Shugufta Saeed, and Mahnoor | Department of Medical Imaging & Ultrasonography   |

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| 23 | Comparative Study of Sonographic Evaluation of Common Carotid Intima-Media Thickness Among Obese and Non-Obese Type II Diabetic Patients                   | The Journal of Health and Rehabilitation Research (JHRR) | HEC Y | 4   | Tehreem Zahra, Mehwish Bibi, Naba Naseer, Muhammad Shahzad Hanif, Zainab Naseer, Ume Samia, Ahmad Mukhtar | Department of Medical Imaging & Ultrasonography |
| 24 | Unraveling the potential of methotrexate: evidence from recent clinical trials   | Gazzetta Medica Italiana Archivio per le Scienze Mediche | HEC X | 183 | Zermeen Naveed, Tajdar Ali Nasi   | Department of Medical Imaging & Ultrasonography |
| 25 | Food Advertisement and Marketing Policies Aimed at Reducing Childhood Obesity: A Review of Existing Regulations in High-Income Countries                   | Public Health Reviews                                    | HEC X | 45  | Afifa Tanweer   | Department of Nutrition & Dietetics             |
| 26 | Impact of Work Overload on Dietary Habits Sleep Quality and Well-Being Among University Employees in Lahore Pakistan                                       | TSF JOURNAL OF BIOLOGY                                   | HEC Y | 2   | Muhammad Jawad, Ammara Arshad, Urooj Afzal, Muhammad Hassan, Sadialqbal, Rimsha Riaz, Tanzeel Fatima      | Department of Nutrition & Dietetics             |
| 27 | MATERNAL NUTRITION AND POSTNATAL RISK FACTORS: IMPACT ON GROWTH AND DEVELOPMENT OF PAKISTANI INFANTS - FINDINGS FROM THE LAHORE BIRTH COHORT STUDY (LBSCS) | COMMUNITY PRACTITIONER                                   | HEC Y | 21  | Hafsa Tahir, Sadia Rafiq  | Department of Nutrition & Dietetics             |
| 28 | Protective Effect of Commonly Used Foods and Natural Products against COVID-19   | BioScientific Review (BSR)                               | HEC Y | 6   | Remesah Noor, Aiza Talat, Mahnoor Maqsood, Hafsa Tahir, Mouvez Zeeshan                                    | Department of Nutrition & Dietetics             |

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| 29 | Herbal diets: Directions for improving health and wellness   | Nutrition and Health   | HEC Y | 30 | Misha Arooj, Nauman Khalid   | Department of Nutrition & Dietetics  |
| 30 | Dietary Habits and their Impact on Physical Symptoms Severity in Young Females Diagnosed with PCOS   | Lahore Garrison University Journal of Life Sciences            | HEC Y | 8  | Sumaira Saeed, Ms Anam Tariq   | Department of Nutrition & Dietetics  |
| 31 | DEVELOPMENT OF NUTRIENT ENRICHED FLOUR BLEND FROM OATS CHIA SEEDS AND SPINACH  | Journal of Akhtar Saeed Medical & Dental College               | HEC Y | 6  | Saba Nadeem Dar, Nehzat Zehra, Fatima Javed, Minahil Fatima, Sana Saleem, Kiran Firdous, Anum Firdous, Aqsa Nadeem | Department of Nutrition & Dietetics  |
| 32 | SCREENING ASSESSMENT AND EVALUATION OF MACRONUTRIENTS & THEIR COMPONENTS INTAKE AMONG CARDIAC PATIENTS AT TERTIARY CARE HOSPITAL OF LAHORE       | International Journal of Pharmacy & Integrated Health Sciences | HEC Y | 5  | Muhammad Jawad, Maheen Maryam, Mahrukh Tariq, Faran Khan   | Department of Nutrition & Dietetics, Department of Clinical Services   |
| 33 | COMPARISON OF DIETARY INTAKE WITH USDA MY PLATE GUIDELINES IN IN-PATIENTS SETUP AT TERTIARY CARE HOSPITAL OF LAHORE                              | International Journal of Pharmacy & Integrated Health Sciences | HEC Y | 5  | Muhammad Jawad, Muteeba Komal, Faran Khan, Rubab Nadeem  | Department of Nutrition & Dietetics, Department of Clinical Services   |
| 34 | Association of Social Academic Emotional Behavior and Cognitive Health with Breakfast Skipping among School-Going Children of 7- 14 Years of Age | National Journal of Medical and Health Sciences (NJMHS)        | HEC Y | 6  | Mushavia Ashra, Ammara Arshad, Naveed Munir, Aiman Afzal, Nimra Shahid, Shahzada Khurram Syed                      | Department of Nutrition and Dietetics, Department of Biomedical Laboratory Sciences, Department of Clinical Services |

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| 35 | Comparative effects of fascial distortion model with and without neuromuscular inhibition technique on pain range of motion and quality of life in patients with piriformis    | Disability and Rehabilitation                                | HEC W | 45 | Dr Muhammad Salman Bashir                  | Department of Physical Therapy and Rehabilitation |
| 36 | Effects of clamshell exercises in terminal extension lag after ACL reconstruction  | The Knee   | HEC W | 48 | Dr Muhammad Salman Bashir                  | Department of Physical Therapy and Rehabilitation |
| 37 | Effects of exercise on sex steroid hormones (estrogen progesterone testosterone) in eumenorrheic females: A systematic to review and meta-analysis                             | BMC Womens Health  | HEC W | 24 | Dr Muhammad Salman Bashir                  | Department of Physical Therapy and Rehabilitation |
| 38 | Comparison of muscle energy technique and mobilization with movement to reduce pain and improve functional status in subjects with anterior innominate ilio-sacral dysfunction | Journal of Bodywork and Movement Therapies                   | HEC W | 40 | Dr Muhammad Salman Bashir                  | Department of Physical Therapy and Rehabilitation |
| 39 | Effects of kinesio taping with and without active release technique in carpal tunnel syndrome  | Hand Surgery and Rehabilitation                              | HEC X | 43 | Dr Muhammad Salman Bashir                  | Department of Physical Therapy and Rehabilitation |
| 40 | EFFECTS OF MUSCLE ENERGY TECHNIQUE AND POSTURAL CORRECTION EXERCISES IN LORDOTIC FEMALES WEARING HIGH HEELS; A QUASI EXPERIMENTAL TRIAL  | Rehman Journal of Health Sciences                            | HEC Y | 6  | Nosheen Manzoor, Dr Muhammad Salman Bashir | Department of Physical Therapy and Rehabilitation |
| 41 | IMPACT OF FEAR OF FALL ON FUNCTIONAL INDEPENDENCE AMONG COMMUNITY DWELLING OLDER ADULTS  | Journal of Population Therapeutics and Clinical Pharmacology | HEC X | 31 | Dr Rahat Ayub                              | Department of Physical Therapy and Rehabilitation |
| 42 | Comparative Effects Of Motor Relearning Program And Action Observation Therapy On Balance And Gait In Chronic Stroke Patients  | Migration Letters  | HEC X | 21 | Dr Rahat Ayub, Tamknat Ilyas, Rabia Majeed | Department of Physical Therapy and Rehabilitation |
| 43 | Association of Isolated Gastrocnemius Tightness in Patients with Heel Pain   | Journal of Health and Rehabilitation Research                | HEC Y | 4  | Dr Rahat Ayub, Anam Abbas                  | Department of Physical Therapy and Rehabilitation |

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| 44 | Comparison between Effectiveness of Mets and Static Stretching on Trapezius in Upper Cross Syndrome                             | Journal of Health and Rehabilitation Research                | HEC Y | 4  | Dr Rahat Ayub,Mahruk h Asif  | Department of Physical Therapy and Rehabilitation |
| 45 | Association of Breast-Feeding Positions with Scapular Dyskinesia in Postpartum Females  | Journal of Health and Rehabilitation Research                | HEC Y | 4  | Anam Abbas,Dr Saddiqa Qamar  | Department of Physical Therapy and Rehabilitation |
| 46 | "Comparative Effects Of Motor Relearning Program And Action Observation Therapy On Balance And Gait In Chronic Stroke Patients" | Migration Letters  | HEC X | 21 | Dr Rahat Ayub,Tamknat Ilyas,Rabia Majeed   | Department of Physical Therapy and Rehabilitation |
| 47 | Implementation of Formative Assessment for Learning: A Review   | Journal of Health and Rehabilitation Research                | HEC Y | 4  | Dr Tamknat Ilyas   | Department of Physical Therapy and Rehabilitation |
| 48 | EFFECT OF MULLIGAN SPINAL MOBILIZATION WITH LEG MOVEMENT (SMWLM) ALONG WITH KINESIOLOGY TAPING IN SUBJECTS WITH SCIATICA        | Journal of Population Therapeutics and Clinical Pharmacology | HEC Y | 31 | Dr. Nosheen Manzoor  | Department of Physical Therapy and Rehabilitation |
| 49 | THE PREVALENCE OF BENIGN PAROXYSMAL POSITIONAL VERTIGO AND ITS ASSOCIATION WITH QUALITY OF LIFE                                 | Rehman Journal of Health Sciences                            | HEC Y | 6  | Dr. Nosheen Manzoor  | Department of Physical Therapy and Rehabilitation |
| 50 | PERCEPTION OF ACTIVE VIDEO GAMING IN ENHANCEMENT OF PHYSICAL ACTIVITY AMONG ADOLESCENTS   | Insights-Journal of Health and Rehabilitation                | HEC Y | 2  | Dr. Nosheen Manzoor  | Department of Physical Therapy and Rehabilitation |
| 51 | Prevalence of Upper Limb Dysfunction in Fashion Designer Students Using Fades Chairs  | Pakistan Journal of Public Health                            | HEC Y | 14 | Rabia Majeed,Momina Tariq, Tayyaba Irfan, Aqsa Noreen, Waneeza Malik, Noor-ul-ain-Fatima | Department of Physical Therapy and Rehabilitation |

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| 52 | Prevalence of Hamstring Strain and Association with Fatigue among Domestic Cricketers in Lahore Pakistan                                 | Journal of Health and Rehabilitation Research              | HEC Y | 1  | Rabia Majeed, Muhammad Zunair Akhtar, Manahil Muzumil, Uzair, Novera Tajamal, Muhammad Bilal, Zohaib Tariq | Department of Physical Therapy and Rehabilitation |
| 53 | Prevalence and Knowledge of Urinary Incontinence and Awareness about Physical Therapy Treatment among Young Females of Lahore            | Journal of Health and Rehabilitation Research              | HEC Y | 4  | Zainab Masood, Maida Mushtaq, Aiman Javed, Mahnoor Shafi, Rabia Majeed                                     | Department of Physical Therapy and Rehabilitation |
| 54 | EFFECTS OF 6-WEEKS PILATES EXERCISE VERSUS NEURAL DYNAMIC MOBILIZATION ON PAIN FLEXIBILITY AND QUALITY OF LIFE IN PATIENTS WITH SCIATICA | Journal of Population Therapeutics & Clinical Pharmacology | HEC X | 31 | Zainab Hassan, Faiqa Mehmoood Rana   | Department of Physical Therapy and Rehabilitation |
| 55 | IMPACT OF APP-BASED COGNITIVE TRAINING ON POST-STROKE UPPER EXTREMITY REHABILITATION   | Journal of Population Therapeutics & Clinical Pharmacology | HEC X | 31 | Faiqa Mehmoood Rana, Zainab Hassan, Muhammad Salman Bashir   | Department of Physical Therapy and Rehabilitation |
| 56 | Estimating Prevalence of Gastrocnemous Contracture and Disability among Paramedical Staff with Plantar Fasciitis                         | Pakistan journal of physical therapy                       | HEC Y | 7  | Ammara Sarbuland, Maryyam, Ghazal Hussain, Adil Ahmed, Arslan Ahmad Tanveer                                | Department of Physical Therapy and Rehabilitation |
| 57 | Professional Quality of Life among Healthcare Workers: A Case Study Conducted during the COVID-19 Pandemic                               | International Health Review                                | HEC Y | 4  | Ghazal Hussain   | Department of Physical Therapy and Rehabilitation |

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| 58 | Prevalence of Pronation Distortion Syndrome and Anterior Pelvic Tilt in Relation to Body Stability among Amateur Athletes  | PAKISTAN BIOMEDICAL JOURNAL                                    | HEC Y | 7  | Hamza Sana Minhas, Ali Hassan, Ghazal Hussain, Awais Ul Haq Chohan, Muneeb Ali Shah, Alishba Muzaffar, Muhammad Subhan | Department of Physical Therapy and Rehabilitation |
| 59 | Assessing the Dexterity Function of Dominant Hand in PUBG Players with Cell Phone Elbow Syndrome   | Journal of Rehabilitation and Clinical Research                | HEC Y | 2  | Wasim Umar, Ghazal Hussain, Sajjad Ali, Muhammad Asim, Muhammad Asif, Muhammad Sharoon                                 | Department of Physical Therapy and Rehabilitation |
| 60 | EFFECTS OF 8-WEEKS SYSTEMATIC CORRECTIVE EXERCISE PROGRAM ON BODY POSTURE AND STABILITY IN PRONATION DISTORTION SYNDROME   | Journal of Population Therapeutics & Clinical Pharmacology     | HEC X | 31 | Ghazal Hussain, Hafsa Khan   | Department of Physical Therapy and Rehabilitation |
| 61 | COMPARATIVE EFFECTS OF CALCANEAL LOW-DYE TAPING PLANTAR FASCIA STRETCHING AND SHAM TAPING ON ACUTE PLANTAR HEEL PAIN AND FUNCTIONAL ACTIVITY LEVEL IN FOOTBALL PLAYERS | Insights-Journal of Health and Rehabilitation                  | HEC Y | 2  | Hafsa Khan, Muhammad Ahmed Saleemi   | Department of Physical Therapy and Rehabilitation |
| 62 | PREVALENCE OF THORACIC OUTLET SYNDROME IN WORKERS AND PLAYERS OF FAISALABAD  | Pakistan Journal of Rehabilitation                             | HEC Y | 13 | Ghazal Hussain, Hafsa Khan   | Department of Physical Therapy and Rehabilitation |
| 63 | ASSESSMENT OF SEVERITY OF IRON DEFICIENCY AND ASSOCIATED RISK FACTORS AMONG PREGNANT WOMEN   | International Journal of Pharmacy & Integrated Health Sciences | HEC Y | 5  | Faran Khan, Maida mushtaq, Ali   | Department of Physical Therapy and Rehabilitation |

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| 64 | Association Between Neck Pain and Level of Disability Among Females Going to Beauty Parlor or Aesthetic Clinics  | JOURNAL OF HEALTH AND REHABILITATION RESEARCH                        | HEC Y | 4 | Ms Mamoonah Anwar  | Department of Physical Therapy and Rehabilitation |
| 65 | Relationship between Sleep Quality and Functional Ability in Patients with Chronic Spinal Cord Injury: A Cross-Sectional Study   | insights-journal of health and rehabilitation                        | HEC Y | 3 | Ms Mamoonah Anwar  | Department of Physical Therapy and Rehabilitation |
| 66 | Efficacy of Maitland Mobilization Along with Strengthening Exercises Compared with PNF Technique in Treatment of Adhesive Capsulitis   | JOURNAL OF HEALTH AND REHABILITATION RESEARCH                        | HEC Y | 4 | Ms Mamoonah Anwar  | Department of Physical Therapy and Rehabilitation |
| 67 | COMPARATIVE EFFECTS OF MACQUARIE INJURY MANAGEMENT GROUP PROTOCOL IN ADDITION TO ROUTINE PHYSICAL THERAPY ON PAIN RANGE OF MOTION AND FUNCTIONAL DISABILITY IN PATIENTS WITH KNEE OSTEOARTHRITIS | PJPT(Pakistan journal of physical therapy )                          | HEC Y | 7 | Ms Mehak Hamna Zahra Gilani  | Department of Physical Therapy and Rehabilitation |
| 68 | Effects of Progressive Resistance Exercise Training on Endurance and Functional Mobility in Children with Spina Bifida   | THE HEALERS journal of physical therapy and rehabilitation sciences. | HEC Y |   | Ms Mehak Hamna Zahra Gilani  | Department of Physical Therapy and Rehabilitation |
| 69 | Evaluation of Balance in Cerebral Palsy Children through Nintendo Wii  | journal of rehabilitation and clinical research                      | HEC Y | 2 | Yousaf Khan Niazi, Zainab Hassan, Arooj Asif, Eman Shahid, Saher Mahmood, Shaista Naseem | Department of Physical Therapy and Rehabilitation |
| 70 | Effect of Weight Bearing on Medial Longitudinal Arch of Foot in Healthy Adults   | journal of health and rehabilitation research                        | HEC Y | 4 | MS Zainab Hassan   | Department of Physical Therapy and Rehabilitation |
| 71 | Comparison of Intensive Physical Therapy and Electrical Stimulation to Reduce Spasticity in Stroke   | journal of health and rehabilitation research                        | HEC Y | 4 | MS Zainab Hassan   | Department of Physical Therapy and Rehabilitation |



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| 72 | COMPLICATIONS DUE TO POST OPERATIVE KINESIOPHOBIA IN PATIENTS FOLLOWING MODIFIED RADICAL MASTECTOMY  | INSIGHTS-JOURNAL OF HEALTH AND REHABILITATION                | HEC Y | 2  | MS Zainab Hassan | Department of Physical Therapy and Rehabilitation |
| 73 | Healthcare Accessibility: Bridging the Gap in Allied Health Services   | INSIGHTS-JOURNAL OF HEALTH AND REHABILITATION                | HEC Y | 2  | MS Zainab Hassan | Department of Physical Therapy and Rehabilitation |
| 74 | Effects of kinect-based virtual reality training on bone mineral density and fracture risk in postmenopausal women with osteopenia: a randomized controlled trial                                | scientific reports   | HEC W |    | Sana Hafeez      | Department of Physical Therapy and Rehabilitation |
| 75 | Gamified Exercise with Kinect: Can Kinect-Based Virtual Reality Training Improve Physical Performance and Quality of Life in Postmenopausal Women with Osteopenia? A Randomized Controlled Trial | Sensors  | HEC W |    | Sana Hafeez      | Department of Physical Therapy and Rehabilitation |
| 76 | RELATIONS OF COLORECTAL CANCER WITH GENDER AGE AND LIFESTYLE DIFFERENCE OVER AGE 45 YEARS SCREENED BY COLONOSCOPY IN LAHORE FROM 2022-2023   | Journal of population therapeutics and clinical pharmacology | HEC X | 31 | Sana Hafeez      | Department of Physical Therapy and Rehabilitation |
| 77 | Comparison of active release and post-isometric relaxation techniques on functional performance in patients with chronic lateral epicondylitis   | Journal of musculoskeletal surgery and research              | HEC Y |    | Sana Hafeez      | Department of Physical Therapy and Rehabilitation |
| 78 | Effects of Rhythmic Stabilization and Mckenzie Techniques on Pain and Function in Patients with Non-Specific Chronic Low Back Pain   | Pakistan Journal of health sciences                          | HEC Y | 5  | Sana Hafeez      | Department of Physical Therapy and Rehabilitation |

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| 79 | Reliability and concurrent validity of the iHandy level mobile application to measure thoracolumbar range of motion in low back pain patients                     | Physiotherapy Quarterly   | HEC Y | 32 | Sidra Ali   | Department of Physical Therapy and Rehabilitation |
| 80 | Prevalence of Somatic Symptom Disorder in Students of Tertiary Educational Institutes in Pakistan and Its Correlation With Academic Performance and Sleep Quality | Chronobiology in Medicine | HEC Y | 6  | Riha Zahid, Hafiz Junaid Ahmad, Ifrah Khan, Ayesha Mujeeb, Muhammad Sundar Ali, Nouman Siddique | Department of Physical Therapy and Rehabilitation |

#### School of Liberal Arts (SLA)

| Sr. | Title  | Journal Name   | Ranking | Vol | Name   | Department |
|-----|--|--|---------|-----|--|------------|
| 1   | Pronunciation of English and Urdu Counterpart Sounds /V/ / Æ™Ë+/ AND /W/; A Comparative Study                                    | Journal of Arts and Linguistics Studies              | HEC Y   | 2   | Mr Shahzad Nabi                                      | CFL        |
| 2   | Impact of Urdu Language on the Lexical Choice of Dhanni Dialect on Students at the University of the Chakwal                     | Wah Academia Journal of Social Sciences              | HEC Y   | 3   | Qintar Fatima, Aasma Nijabat and Maleeha Nazim       | CFL        |
| 3   | An Investigation of the Impact of Information and Communication Technology (ICT) on the Teaching of English as a Second Language | Panacea Journal of Linguistics and Literature (PJLL) | HEC Y   | 3   | Zara Fatima, Zara Saleem, Amina Shah                 | CFL        |
| 4   | Analysis of Number and Gender Agreement Patterns and Variations in Urdu  | Erevna journal of linguistics and literature         | HEC Y   | 8   | Ms Amna Murad  | CFL        |
| 5   | The Role of Language during the Pandemic: A Mixed-method Exploration of Discourse of Fear and Sinophobia                         | Pakistan Journal of Psychological Research (PJPR)    | HEC Y   |     | Ms Amnah Moghees                                     | CFL        |
| 6   | Writing Practices of English as a Second Language: The Exploration of L1ÛÛ, ÛÛ, Ûs Influence                                     | Pakistan Social Sciences Review                      | HEC Y   | 7   | Hafiz Syed Muhammad Yasir, Ms Aqsa Riaz, Sobia Malik | CFL        |

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| 7  | An In-Depth Analysis of Linguistic Deficiencies: A Study Investigating Writing Errors of Undergraduate Students from Three Public Universities in Pakistan        | Annals of Human and Social Sciences                             | HEC Y | 1  | Ms Maleeha Nazim, Sadaf Iftikhar, Adeela Madad              | CFL  |
| 8  | Analyzing the sociolinguistic factors influencing code-switching among students in bilingual classrooms   | International Journal of Contemporary Issues in Social Sciences | HEC Y | 3  | Ms Naheed Ashfaq Qureshi                                    | CFL  |
| 9  | Perspectives of University Academics on Language Attitudes and Beliefs: A Mix Method Approach   | Journal of Asian Development Studies                            | HEC Y |    | Syeda Faiza Babar, Ms Naheed Ashfaq Qureshi, Ayesh a Maryam | CFL  |
| 10 | Dissecting Sociopolitical Paradigms: A Social Semiotic Scrutiny of Pakistani Political Caricatures within a Curated Corpus of English Newspaper Editorial Content | Panacea Journal of Linguistics & Literature (PJLL)              | HEC Y | 3  | Rabia Sohail, Ms Nayab Waqas                                | CFL  |
| 11 | Navigating Native Slipstream and Indigenous Futurism: Upending Western Tropes in Pakistani Speculative Art  | University of Chitral Journal of Linguistics & Literature       | HEC Y | 8  | Ms Zafrah Khalid  | CFL  |
| 12 | Post Postcolonial Subaltern: A Foucauldian Discourse Analysis of Transgender Identity in Faiqa Mansab, "This House of Clay and Water" (2017)                      | Journal of Arts and Linguistics Studies                         | HEC Y | 2  | Sadia Noreen  | CFL  |
| 13 | Unveiling Self-Identity of Teachers: A Critical Discourse Analysis of Perception and Interpretation of Selected Poems of Rupi Kaur's "Homebody"                   | World Journal of English Language                               | HEC X | 14 | Aqsa Naimat   | DELS |
| 14 | An Intersectional Feminist Study of The Handmaids Tale by Margaret Atwood   | Jahan e Tahqeeq   | HEC Y | 7  | Muhammad Khuram, Bushra Siddiqui                            | DELS |

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| 15 | Desubalternity: A Psychoanalytical Study of Displacement of Emotions in Carol Ann Duffy's The World's Wife                                     | Pakistan Languages and Humanities Review                        | HEC Y | 8  | Mashal, Bushra Siddiqui                   | DELS |
| 16 | Discourse of Violence in Roy's The God of Small Things   | Pakistan Languages and Humanities Review                        | HEC Y | 8  | Aeisha Altaf, Ifrah Khan, Bushra Siddiqui | DELS |
| 17 | Examining Identity Conflict and Longing for the Homeland: A Textual Analysis of Imtiaz Dharker's Selected Poems from The Terrorist at My Table | Pakistan Journal of Law Analysis and Wisdom                     | HEC Y | 3  | Nazneen Zahra, Bushra Siddiqui            | DELS |
| 18 | Exploring Existential Absurdity and its Acceptance in Naipaul's The Mimic Men  | Pakistan Journal of Law Analysis and Wisdom                     | HEC Y | 3  | Nazneen Zahra, Bushra Siddiqui            | DELS |
| 19 | INVESTIGATING MARXIST ECOCRITICISM IN AESOP'S SELECTED FABLES  | International Journal of Contemporary Issues in Social Sciences | HEC Y | 3  | Mashal, Bushra Siddiqui                   | DELS |
| 20 | Literature as Cultural Ecology: A Cultural Ecological Reading of Iqbal's Selected Poems  | Pakistan Social Sciences Review                                 | HEC Y | 8  | Ghania Khan, Bushra Siddiqui, Mashal      | DELS |
| 21 | Navigating Cultural Norms: A Study of Gender Performativity and Intersectionality in Umera Ahmed's Man O Salwa                                 | Harf-o-Sukhan   | HEC Y | 8  | Shafa Mateen, Bushra Siddiqui             | DELS |
| 22 | Negotiating Identity and Socioeconomic Disparity in The Bride by Bapsi Sidhwa: A Post-modern Study   | Harf-o-Sukhan   | HEC Y | 8  | Irzam Shahzad, Bushra Siddiqui            | DELS |
| 23 | Objectification and Confinement of Female Sexuality in Austen's Emma and its Literary Adaptation: A Postfeminist Comparative Analysis          | Journal of Policy Research                                      | HEC Y | 10 | Ishvah Khan, Bushra Siddiqui              | DELS |

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|----|---|---|-------|------|--|------|
| 24 | POST-TRAUMATIC STRESS DISORDER: A PSYCHOANALYTICAL STUDY OF MUNAWWEERAĀĉâ,-â,,ĉS Āĉâ,-ĒœWHAT LIES BETWEEN US                                  | International Journal of Contemporary Issues in Social Sciences | HEC Y | 3    | Irzam Shahzad,Bushra Siddiqui                  | DELS |
| 25 | The Development of LeilaĀĉâ,-â,,ĉs Selfhood inShafakĀĉâ,-â,,ĉs Ten Minutes 38 Seconds in this Strange World: A Psychoanalytical Perspective   | Pakistan Languages and Humanities Review                        | HEC Y | 8    | Ayesha Zaman,Bushra Siddiqui                   | DELS |
| 26 | The Excursion to Self-Realization in The Selected Novels of Hermann Hesse   | Journal of Arts and Linguistics Studies                         | HEC Y | 2    | Muhammad Khuram,Bushra Siddiqui                | DELS |
| 27 | Tracing Asymmetrical Heterosexuality in Zaib-Un-Nisa HamidullahĀĉâ,-â,,ĉs The Bull and the She Devil: A Feminist Psychoanalytical Perspective | Jahan-e-Tahqeeq   | HEC Y | 7    | Ayesha Zaman, Dr. Bushra Siddiqui,Ghani a Khan | DELS |
| 28 | WomenĀĉâ,-â,,ĉs Care Centered Moral Reasoning in SidhwaĀĉâ,-â,,ĉs The Pakistani Bride   | International Journal of Human and Society                      | HEC Y | 4    | Noshaba Kanwal,Bushra Siddiqui                 | DELS |
| 29 | An Investigation of Language Attitudes and Second Language Motivation among <u>Burushaski Natives</u>   | Forman Journal of Social Sciences                               | HEC Y | 4    | Charisma Wafee                                 | DELS |
| 30 | A Peircean semiotic analysis of House Stark in A game of thrones  | Studia Neophilologica   | HEC W | 2024 | Dr Muhammad Asif                               | DELS |
| 31 | Investigating the Impact of Transparent Language Online on L2 Listening Outcomes  | CALL-EJ   | HEC X | 25   | Dr Muhammad Asif                               | DELS |
| 32 | The Past Present and Future of Willingness to Communicate: A Review   | International Journal of Contemporary Issues in Social Sciences | HEC Y | 3    | Dr Muhammad Asif                               | DELS |
| 33 | A Feminist Critical Discourse Analysis of Speech Acts in Chimamanda Ngozi AdichieĀĉâ,-â,,ĉs Selected Novels                                   | Journal of Arts and Linguistics Studies                         | HEC Y | 2    | Dr Nadia Anwar                                 | DELS |

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| 34 | IDENTITY DENIAL IN THE<br>STYLISTIC FEATURES OF<br>TRANSGENDER LANGUAGE   | International<br>Journal of<br>Contemporary<br>Issues in Social<br>Sciences | HEC Y | 3  | Ayesha Junaid<br>Khan,Dr<br>Nadia Anwar                       | DELS |
| 35 | Masochistic Performance of<br>Sheherzade: A Multimodal<br>Analysis of Prince Charming   | CINEJ Cinema<br>Journal   | HEC X | 12 | Attiya<br>Zafar,Dr<br>Nadia Anwar                             | DELS |
| 36 | Reconnoitering Khwaja<br>Amir Khusrau's<br>Ambilingual Translingualism<br>in his qawwali<br>"Zihal-e-<br>miskeen makun taghافل<br>duraey naina banaey<br>battiyyan"<br>"Zihal-e-<br>miskeen makun taghافل<br>duraey naina banaey<br>battiyyan"<br>"Zihal-e-<br>miskeen makun taghافل<br>duraey naina banaey<br>battiyyan" | Pakistan<br>Languages and<br>Humanities Review                              | HEC Y | 8  | Dr Priya<br>Anwar,Dr<br>Nadia Anwar                           | DELS |
| 37 | Reimagining Tagore:<br>Directorial Liberty and<br>Feminist Iconography 2021<br>in Chokher Bali  | Critical Review of<br>Social Sciences<br>and Humanities                     | HEC Y | 4  | Dr Nadia<br>Anwar   | DELS |
| 38 | Beyond anthropocentric<br>interests: Moving towards<br>ecological sustainability in<br>Kalidasa's<br>Shakuntala through Deep<br>ecology biocentric equality<br>and ecotopia   | Harf-O-Sukhan   | HEC Y | 8  | Mr<br>Muhammad<br>Afzal Faheem                                | DELS |
| 39 | FROM PASSIVE TO ACTIVE<br>NIHILISM: THE EXISTENTIAL<br>PATH TO "BERMENSCH<br>IN "A REPORT TO AN<br>ACADEMY" AND<br>"THE CHILDHOOD OF<br>A LEADER"   | Harf-o-Sukhan   | HEC Y | 8  | Rizwan<br>Jamil,Mr<br>Muhammad<br>Afzal Faheem                | DELS |
| 40 | Orchestrating a Palestinian<br>Holocaust: Navigating<br>Trauma and Healing<br>through Subversive<br>Storytelling in Gaza Writes<br>Back   | Pakistan<br>Languages and<br>Humanities Review                              | HEC Y | 8  | Laiba<br>Shahid,Fatima<br>Riaz,Mr<br>Muhammad<br>Afzal Faheem | DELS |

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|----|---|--|-------|----|---|------|
| 41 | Trauma and Alienation in Post-Colonial Contexts: Analyzi  | Pakistan Languages and Humanities Review | HEC Y | 8  | Turs Mohi Ud Din Chan, Wardah Ahmad, Mr Shahan Parvez | DELS |
| 42 | Bram Stoker's Dracula: A Representation of the Catholic Churches Corruption and the Protestant Revolt Through Different Class Systems     | Pakistan Languages and Humanities Review | HEC Y | 8  | Zahida Riaz, Mr Turs Mohi Ud Din Chan                 | DELS |
| 43 | Unveiling Reproductive Oppression: An In-depth Analysis of Radical Feminism in Joyland  | Pakistan Languages and Humanities Review | HEC Y | 8  | Filza Riaz, Mr Turs Mohi Ud Din Chan                  | DELS |
| 44 | Politics of Body and Writing the Self: Female Resistance and Self- Exploration in Margaret Atwood's 'Surfacing'                           | Pakistan Languages and Humanities Review | HEC Y | 8  | Ms Amina Mehmood, Warda Abbas, Sarah Azam             | DELS |
| 45 | Countering Feminist Dystopia in The Thing Around Your Neck through the Lens of Dear Ijeawele: A Feminist Manifesto in Fifteen Suggestions | PLHR                                     | HEC Y | 8  | Mah-e-Nao, Ms Maha Hijab Sikandar, Charisma Wafee     | DELS |
| 46 | Exploring Code-Switching Dynamics in Urdu-English Multilingual ChatGPT Models: Patterns Challenges and Implications                       | Journal of Policy Research               | HEC Y | 10 | Ms Minaam Shariq                                      | DELS |
| 47 | Post 9/11 South Asian Fiction on Screen: Exploring Political Shifts in The Reluctant Fundamentalist                                       | Journal of Arts and Linguistics Studies  | HEC Y | 2  | Muhammad Numan  | DELS |
| 48 | The role of political hate speech in promoting extreme ideologies and manipulating public discourse for social approval in Pakistan       | International Social Science Journal     | HEC X |    | Zunaira Shafiq  | DELS |
| 49 | English as A Medium of Instruction in the Education System of Pakistan  | Journal of Education and Social Studies  | HEC Y | 5  | Kiran Fatima, Ms Naheed Ashfaq Qureshi                | DLC  |

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|----|---|--|-------|----|--|-----|
| 50 | A Closer Look At Multi Word Verbs In Pakistani English E-Newspapers: A Wordsmith Concord Tool Approach            | migration letters  | HEC X | 21 | Bisma Butt, Asma Iqbal, Sehrish Shafi          | DLC |
| 51 | Analyzing acoustic patterns of vowel sounds produced by native Rangri speakers                                    | International Journal of Speech Technology                                       | HEC X | 28 | Bisma Butt                                     | DLC |
| 52 | The Development of Semantic Processing in Children's Emotional Advancement: An Analysis of the Movie "Inside Out" | sindh journal of linguistics   | HEC Y | 3  | Quratulain, Tanzeel Ur Rehman, Bisma Butt      | DLC |
| 53 | Case Marking in Pashto Nouns: Word and Paradigm Approach  | Qlantic Journal of Social Sciences and Humanities                                | HEC Y | 5  | Dr Arshad Ali Khan                             | DLC |
| 54 | Family Language Policy in Multilingual Families in Lahore: An Application of Spolsky's Model                      | Pakistan Languages and Humanities Review   | HEC Y | 8  | Rabia Aamir Sheikh, Dr Arshad Ali Khan         | DLC |
| 55 | Green Blushing and Cause Marketing in Pakistani Fashion Advertising Discourse on Instagram                        | Wah Academia Journal of Social Sciences  | HEC Y | 3  | Sufia Sultana, Dr Arshad Ali Khan, Priya Anwar | DLC |
| 56 | A STUDY OF CONCEPTUAL METAPHORS IN JOHN DONNE'S DEATH BE NOT PROUD  | INTERNATIONAL JOURNAL OF LITERATURE LINGUISTICS AND TRANSLATION STUDIES (IJLLTS) | HEC Y | 4  | Dr Tamsila Nourin Naeem                        | DLC |
| 57 | Semiotic Analysis of the Russia-Ukraine War Images in the USA's TIME Magazine                                     | Pakistan Journal of Humanities and Social Sciences                               | HEC Y | 12 | Maham Riaz, Dr Tamsila Nourin Naeem            | DLC |
| 58 | The Adaptation Of The Bilingual Aphasia Test In Urdu: Linguistic And Socio-Cultural Aspects                       | Migration Letters  | HEC X | 21 | Nadir Ali Shah, Dr. Amina Khalid               | DLC |
| 59 | Thematic and Linguistic analysis of Imtiaz Dharker's poem "Purdah" and "Postcards from God"                       | International Journal of Social Science Archives                                 | HEC Y | 7  | Adeena Yaqooba, Faiza Abidb, Rimsha Israr      | DLC |



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|----|--|---|-------|---|---|-----|
| 60 | Nativized Ways of Using English Language in Public Signage: Exploring Lahore's Linguistic Landscape                              | Pakistan Languages and Humanities Review                    | HEC Y | 8 | Hafiz Syed Muhammad Yasir, Dr. Amina Khalid                 | DLC |
| 61 | The Exploration of Speech Acts and Politeness in Anandi and Overcoat: A Pragmatic Analysis                                       | PAKISTAN LANGUAGES AND HUMANITIES REVIEW (PLHR)             | HEC Y | 8 | Hafiz Syed Muhammad Yasir, Arbab Fatima, Aqsa Riaz          | DLC |
| 62 | Branding Higher Education: Neoliberalisms Role in Shaping Students' Choices Through Market Forces                                | Pakistan Social Sciences Review                             | HEC Y | 8 | Ms Sadia Asif   | DLC |
| 63 | The Myth of Free Speech in the Realm of Online Trolling: Exploring Cyber Shadows Through Psychological Lens                      | University of Chitral Journal of Linguistics and Literature | HEC Y | 8 | Ms Sadia Asif   | DLC |
| 64 | Advertisements in Covid-19 Times: Protuberance of Novelty in Pakistani Commercial Discourse                                      | International Journal of Social Science Archive             | HEC Y | 7 | Rida Sarfaraza, Faiza Abidb, Sadia Riaz, Ms Saima Abbas Dar | DLC |
| 65 | Effectiveness of Code-Switching in Pakistani University ESL Classroom: Action Research   | PLHR  | HEC Y | 8 | Amna Murad and, Shabana Zafar, Zakia Mushtaq                | DLC |
| 66 | To Explore the Practice of Translingual Pedagogies for Second Language Teaching in Multilingual Classrooms: Students Perspective | Global Education Studies Review                             | HEC Y | 9 | Ms Shabana Zafar, Amna Murad, Zakia Mushtaq                 | DLC |
| 67 | CORPUS-BASED METAPHORICAL FRAMING ANALYSIS OF WAR AND GENOCIDE METAPHORS IN THE ISRAELI-PALESTINIAN CONFLICT IN WESTERN MEDIA    | Harf-o-Sukhan   | HEC Y | 8 | Jannat Nazir, Ms Sidra Haroon                               | DLC |
| 68 | Impact of Game-Based Instructions on Learning Irregular Verbs at Primary Level in Lahore   | International Journal of Social Science Archives            | HEC Y | 7 | Sidra Salahuddina, Sidra Haroonb, Saba Arshad               | DLC |

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| 69 | INVESTIGATING THE IMPACT OF INTERACTIVE VIDEOS ON LEARNING THE ORDER OF ENGLISH ADJECTIVES BY PRIMARY SCHOOL ESL LEARNERS OF LAHORE | Jahan-e-Tahqee                                   | HEC Y | 7  | Alishba Amjad, Ms Sidra Haroon                   | DLC |
| 70 | INVESTIGATING THE IMPACT OF SONGS ON VOCABULARY OF HIGH SCHOOL ESL LEARNERS OF THE SELECTED PRIVATE SCHOOLS IN LAHORE               | Jahan-e-Tahqee                                   | HEC Y | 7  | Saba Arshad, Ms Sidra Haroon, Sidra Salah ud Din | DLC |
| 71 | Reflection of Emotional State of Seven Year Old Autistic Child through Drawings: A Visual Discourse Analysis                        | International Journal of Social Science Archives | HEC Y | 7  | Ms Sidra Haroon, Shumaila Ahmad                  | DLC |
| 72 | Exploring Linguistic Features in COVID-19 Editorials: A Multidimensional Analysis of The Express Tribune                            | Journal of Applied Linguistics and TESOL (JALT)  | HEC Y | 7  | Ms Sumera Shan Ahmad                             | DLC |
| 73 | The Use of Semiotic Codes in Film Aina 1977: A Feminist Perspective for Multimodal Film Analysis                                    | Tanazur  | HEC Y | 5  | Rabia Sohail, Ms Sumera Shan Ahmad               | DLC |
| 74 | What leads to a miraculous preservation of sounds and meanings: A comparative study of Classical Arabic phonology                   | Harf-o-Sukhan                                    | HEC Y | 8  | Rabia Sohail, Ms Sumera Shan Ahmad               | DLC |
| 75 | A Linguistics Analysis Of E Newspapers' Fabrication Of Rape In Pakistani Context; Through The Lens Of Framing In Linguistic Method  | MIGRATION LETTERS                                | HEC X | 21 | Rida Sarfraz, Faiza Abid                         | DLC |
| 76 | INVESTIGATING THE RELATIONSHIP BETWEEN FREQUENT USE OF CALL RESOURCES AND THE DEVELOPMENT OF AUTONOMOUS LEARNING SKILLS             | Harf-o-Sukhan                                    | HEC Y | 8  | Sidra Haroon, Faiza Abid, Rida Sarfraz           | DLC |
| 77 | Political Memes in the Light of Agenda Setting Theory: A Fabricated Mayhem  | International Journal of Social Science Archive  | HEC Y | 7  | Faiza Abida, Rida Sarfraz, Sidra Haroon          | DLC |

| 78                                    | INVESTIGATING THE IMPACT OF GAMIFICATION ON TEACHING ENGLISH VOCABULARY TO UNDERGRADUATE STUDENTS IN LAHORE                        | Harf-o-sukhan                            | HEC Y   | 8   | Noor Ul Ain,Shumaila Ahmad                                     | DLC        |
|---------------------------------------|--|--|---------|-----|--|------------|
| 79                                    | Meta-functional Analysis of Sufi Kalam of Baba Bulleh Shah   | jahan-e-tahqeeq                          | HEC Y   | 7   | Shumaila Ahmad,Ms. Zara Fatima                                 | DLC, CFL   |
| <b>School of Law and Policy (SLP)</b> |  |  |         |     |  |            |
| Sr.                                   | Title  | Journal Name                             | Ranking | Vol | Name   | Department |
| 1                                     | ENVIRONMENTAL LAWS OF CHINA AND PAKISTAN WITH REFERENCE TO CPEC TO OVERCOME THE ADVERSE ENVIRONMENTAL CHALLENGES AND ROLE OF MEDIA | Premier Law Journal                      | HEC Y   | 4   | Dr Kashif Imran Zadi,HAFIZ MUHAMMAD SALMAN SHAFIQ              | SLP        |
| 2                                     | A Critical Analysis of The Islamic Doctrine of The Hisba   | Premier Law Journal                      | HEC Y   | 4   | SAIRA NAHEED,khus hbakht qaiser                                | SLP        |
| 3                                     | Alternative Dispute Resolution for Resolving Tax Related Disputes  | Law Research Journal                     | HEC Y   | 2   | Muhammad Bilal Usmani,Khush bakht Qaiser,Muhammad Imran Bashir | SLP        |
| 4                                     | Commercial Arbitration: A Messiah for the Dying Economy of Pakistan  | Journal of excellence in social sciences | HEC Y   | 3   | khushbakht qaiser,Muhammad Waqas Gujjar,Muhammad Ali           | SLP        |
| 5                                     | Regulation of Chemical Biological and Nuclear Weapons Under International Law  | Journal of Excellence in Social Sciences | HEC Y   | 3   | khushbakht qaiser,Muhammad Jamil                               | SLP        |
| 6                                     | FEDERAL DISPUTE RESOLUTION IN PAKISTAN AFTER 18 TH AMENDMENT: A GREAT LEAP FORWARD TOWARDS PROVINCIAL AUTONOMY                     | Premier Law Journal                      | HEC Y   | 4   | BAKHTAWAR MANZOOR,Mr Muhammad Waqas Gujjar,ANWAA R RANA        | SLP        |
| 7                                     | Intellectual Property Laws in Pakistan   | Bulletin of Business and Economics       | HEC Y   | 13  | Mr Muhammad Waqas Gujjar                                       | SLP        |

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|----|--|---|-------|---|---|-----|
| 8  | Murabahah As A Mode Of Islamic Finance   | INTERNATIONAL JOURNAL OF HUMAN AND SOCIETY (IJHS) | HEC Y | 4 | Mr Muhammad Waqas Gujjar                                  | SLP |
| 9  | Examining the Legality of Surrogacy in Pakistan: An Analytical Perspective of Islam  | Law and Policy Review                             | HEC Y | 3 | Anwar Rana, Muhammad Waqas Gujjar, Ms Bakhtawar Manzoor   | SLP |
| 10 | Federal Dispute Resolution in Pakistan after 18th Amendment: a great leap forward towards provincial autonomy  | Premier Law Journal                               | HEC Y | 4 | BAKHTAWAR MANZOOR, Mr Muhammad Waqas Gujjar, ANWAA R RANA | SLP |
| 11 | Investigating the Effects of Poverty on Pakistani Youth and Methods for Reaching the Sustainable Development Goals   | Qlantic Journal of Social Sciences                | HEC Y | 5 | Ms Bakhtawar Manzoor                                      | SLP |
| 12 | Nexus among Principles of Military Necessity Proportionality and Collateral Damage in International Humanitarian Law A Study to Analyse Precarious Balance | International Journal of Human and Society (IJHS) | HEC Y | 4 | Ms Bakhtawar Manzoor, Anwar Rana                          | SLP |

#### School of Media and Communication Studies (SMCS)

| Sr. | Title  | Journal Name                                   | Ranking | Vol | Name                                  | Department |
|-----|--|--|---------|-----|---------------------------------------|------------|
| 1   | Investigating the Influence of Political Marketing through Digital Divide: A Study of Pakistan General Election 2024 | Remittances Review                             | HEC X   | 9   | Dr. Abdul Basit, Ms Noor Ul Ain       | SMCS       |
| 2   | Artificial Intelligence and the Reshaping of Journalism  | Qlantic journal of social sciences             | HEC Y   | 5   | Dr Jawed                              | SMCS       |
| 3   | Coverage of 9th May Incident: A Framing Analysis of Pakistani National Leading Dailies                               | Journal of Peace Development and Communication | HEC Y   | 8   | Nouraz Ijaz, Dr Saima Saqlain         | SMCS       |
| 4   | Echoes of Pain: Exploring the social sufferings of Muslim Kashmiri women in Indian occupied Kashmir                  | International Journal of Kashmir Studies       | HEC Y   |     | Sarosh Ehsaan Bajwa, Dr Saima Saqlain | SMCS       |

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| 5  | Effectiveness of the Use of the Internet as Supplementary Tool for Academic Learning: A Case Study of University Students | Journal of Social Sciences and Media Studies (JOSSAMS)              | HEC Y | 8 | Dr. Abdul Basit   | SMCS |
| 6  | Exploring the Spiral of Silence: Hardcore in Social Media Dynamics and the Moderating Influence of Fear of Isolation      | Global Mass Communication Review                                    | HEC Y |   | Dr. Abdul Basit   | SMCS |
| 7  | Feminism in Question: A Survey of Feminist Stance in Me Too Movement on Social Media                                      | Qlantic Journal of Social Science                                   | HEC Y | 5 | Dr Aemen Khalid   | SMCS |
| 8  | Homosexual Media Exposure and Attitude toward Homosexuals: Moderating Role of Religion                                    | JOURNAL OF MEDIA AND COMMUNICATION STUDIES                          | HEC Y | 4 | Areeba Wajhat, Ms Iqra Saeed, Muzammil Saeed                | SMCS |
| 9  | Investigating the Impact of Mobile Dating Applications in Perspective of Hookup Culture among Pakistani Youth             | Online Media & Society  | HEC Y | 5 | Sarosh Ehsaan Bajwa, Dr Saima Saqlain, Tayyab Farooq Bhatti | SMCS |
| 10 | Mainstream Media and Social Media News Consumption Patterns of Youth in Lahore Pakistan                                   | Journal of Media & Communication (JMC)                              | HEC Y | 5 | Saman Nasir, Dr Anjum Zia, Aemen Khalid                     | SMCS |
| 11 | PORTRAYAL OF MUSLIM FEMALE CHARACTER: A CRITICAL STUDY OF BOLLYWOOD MOVIE RAEES   | Journal of Media and Entrepreneurial Studies                        | HEC Y | 4 | Dr Jawed  | SMCS |
| 12 | Reporting Climate Change: Factors Affecting Media Coverage of Climate Change in Pakistan                                  | Qlantic journal of social sciences                                  | HEC Y | 5 | Dr Jawed  | SMCS |
| 13 | Showcasing Womens Empowerment through Media Outlets of Pakistan   | Global Mass Communication Review                                    | HEC Y | 9 | Dr Jawed  | SMCS |
| 14 | Survey Research: Descriptive and Analytical Power Types and Usages  | International Journal of Politics & Social Sciences Review (IJPSSR) | HEC Y | 3 | Dr Jawed  | SMCS |

| 15  | The Influence of Instagram Usage on Self-Esteem and Well-Being of University Students                                    | Global Mass Communication Review                           | HEC Y   | 9   | Fatima Malik, Dr Aemen Khalid                | SMCS            |
|---|--|--|---------|-----|--|-----------------|
| 16  | The Role of Facebook in Generating public awareness regarding Climate change in Lahore Pakistan                          | International Journal of Social Science Archives           | HEC Y   | 7   | Mr Muhammad Sumair Ahmad                     | SMCS            |
| 17  | The Role of Students' Satisfaction in Mediating Relationship between Service Quality and Brand Image of Higher Education | Pakistan Journal of Life and Social Sciences               | HEC Y   | 22  | Ms Iqra Saeed                                | SMCS            |
| 18  | TV ADVERTISING AND CONSUMER DECISION-MAKING: AN INVESTIGATION OF NESTLE NESVITA ADVERTISEMENT IN PAKISTAN                | Journal of Media and Entrepreneurial Studies               | HEC Y   | 4   | Dr Aemen Khalid, Amna Amin, Rida Naseem Butt | SMCS            |
| 19  | University Students' Internet Addiction and Cyberstalking: A Moderating Model of Psychological Resilience                | Online Media & Society                                     | HEC Y   | 5   | Fizza Tallat, Iqra Saeed, Dr Anjum Zia       | SMCS            |
| 20  | Usage of Matrimonial Groups on Facebook: A Case of Pakistan  | the journal of humanities and social science               | HEC Y   | 32  | Zoya Gillani, Dr Anjum Zia, Rozeena Shaukat  | SMCS/ODR        |
| 21  | Transformational Leadership Style and Team Innovation: The Moderating Role of Leaders Emotional Intelligence             | Global Management Journal for Academic & Corporate Studies | HEC Y   | 14  | Ms Iqra Saeed, Aleena Shuja, Farhat Munir    | SMCS/HSM/SSS &H |
| <b>School of Professional Advancement (SPA)</b> |  |  |         |     |  |                 |
| Sr.   | Title  | Journal Name   | Ranking | Vol | Name   | Department      |
| 1   | FINANCIAL INTEGRATION CYBERSECURITY & ERP IN BUSINESS SUSTAINABILITY WITH MODERATION OF REGULATORY COMPLIANCE            | Journal of Social Research Development                     | HEC Y   | 5   | Dr Khansa Masood                             | SPA             |

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|---|--|--|-------|----|-------------------------------------|-----|
| 2 | Role of Data Analytics Business Intelligence and Performance Management in Enhancing Strategic Marketing Decision-Making | Qlantic Journal of Social Sciences (QJSS)              | HEC Y | 5  | Dr Khansa Masood                    | SPA |
| 3 | Impact of Brand Activism on Brand Personality and Brand Loyalty  | Sustainable Business and Society in Emerging Economies | HEC Y | 6  | Dr Khansa Masood                    | SPA |
| 4 | Sustainable sourcing for a sustainable future: the role of organizational motives and stakeholder pressure.              | Operations Management Research                         | HEC W | 17 | Dr Saif Ur Rehman, Dr Khansa Masood | SPA |
| 5 | Impact of ESG on Firm Performance: Moderating Role of Brand Value  | Remittances Review                                     | HEC X | 9  | Mohyuddin Tahir Mahmood             | SPA |

#### School of Pharmacy (SPH)

| Sr. | Title  | Journal Name  | Ranking | Vol | Name          | Department |
|-----|--|---|---------|-----|---------------|------------|
| 1   | Antibacterial potential and dye decolorization with graphitic carbon nitride and eudragit doped CdTe nanostructures evidential molecular docking analysis                        | Journal of Photochemistry and Photobiology A: Chemistry | HEC W   | 454 | Iram Shahzadi | SPH        |
| 2   | Assessment of silver and graphitic carbon nitride doped cadmium selenide quantum dots as an efficient dye degrader and antibacterial agent: In silico molecular docking analysis | Materials Today Sustainability                          | HEC W   | 28  | Iram Shahzadi | SPH        |
| 3   | Dye degradation and antimicrobial efficacy of cesium-doped Y <sub>2</sub> O <sub>3</sub> nanostructures: in silico docking study   | RSC Advances  | HEC W   | 14  | Iram Shahzadi | SPH        |
| 4   | Efficient Dye Degradation and Antimicrobial Behavior with Molecular Docking Performance of Silver and Polyvinylpyrrolidone-Doped Zn-Fe Layered Double Hydroxide                  | ACS Omega   | HEC W   | 9   | Iram Shahzadi | SPH        |

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| 5  | Impact of a community pharmacy-based medication therapy management program on clinical and humanistic outcomes in patients with uncontrolled diabetes: a randomised controlled trial | Scientific Reports                       | HEC W | 14   | Ejaz Ullah Cheema  | SPH |
| 6  | Impact of the flipped classroom on students' academic performance and satisfaction in Pharmacy education: a quasi-experimental study   | Cogent Education                         | HEC W | 11   | Ms Sonia Ashfaq Gondal, Abdul Qayyum Khan, Ejaz Ullah Cheema | SPH |
| 7  | Synergistic effects of barium and PVP-doped Zn-Al layered double hydroxide for catalytic and antibacterial applications with molecular docking studies                               | Materials Chemistry and Physics          | HEC W | 324  | Iram Shahzadi  | SPH |
| 8  | Translation cultural adaptation and validation of Patient Satisfaction with Pharmacist Services Questionnaire (PSPSQ) 2.0 into the Arabic language among people with diabetes        | PLOS One                                 | HEC W | 19   | Ejaz Ullah Cheema  | SPH |
| 9  | HPLC profiling for the simultaneous estimation of antidiabetic compounds from Tradescantia pallida   | Arabian Journal of Chemistry             | HEC W | 17   | Fariha Imtiaz  | SPH |
| 10 | Optimizing Biogas Production and Digestive Stability through Waste Co-Digestion  | Sustainability                           | HEC W | 16   | Nabeela Noor   | SPH |
| 11 | Antiacne Gel Containing Aloe vera and Clindamycin Phosphate: Design Characterization and Optimization Using Response Surface Methodology   | International Journal of Polymer Science | HEC X | 2024 | Dr Abdul Qayyum Khan   | SPH |



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| 12 | EVALUATION OF MEDICATION KNOWLEDGE ATTITUDES AND SELF MEDICATION PRACTICES AMONG PHARMACY STUDENTS  | Journal of Population Therapeutics & Clinical Pharmacology   | HEC X | 31 | Kanwal Mazhar        | SPH |
| 13 | Exploring catalytic efficacy and anti-bacterial performance with molecular docking analysis of g-C <sub>3</sub> N <sub>4</sub> -grafted-Ag doped SnO <sub>2</sub> QDs   | Research on Chemical Intermediates                           | HEC X | 50 | Iram Shahzadi        | SPH |
| 14 | Identification of rare missense variants in the BSN gene co-segregating with chronic otitis media in a consanguineous Pakistani family                                  | Molecular Genetics and genomic Medicine                      | HEC X | 12 | Asra Shanzeh Shabbir | SPH |
| 15 | Innovative Self Nano-Emulsifying Drug Delivery Systems for Peptic Ulcer Therapy: A Review   | particle and particle system characterization                | HEC X |    | Dr Waqar Aman        | SPH |
| 16 | INSIGHTS ON ALLERGIC RHINITIS MANAGEMENT AND IMPACT OF PHARMACIST-LED EDUCATIONAL INTERVENTION ON PATIENTS' KNOWLEDGE: A CROSS-SECTIONAL STUDY                          | Journal of Population Therapeutics and Clinical Pharmacology | HEC X |    | Kanwal Mazhar        | SPH |
| 17 | KNOWLEDGE ATTITUDES PSYCHOLOGICAL IMPACT AND PREVENTIVE PRACTICES INTERRELATED TO COVID-19. A CROSS-SECTIONAL STUDY BETWEEN MEDICAL AND NON MEDICAL PERSONNEL IN PUNJIA | Journal of Population Therapeutics & Clinical Pharmacology   | HEC X | 31 | Dr. Rabia Altaf      | SPH |
| 18 | Progression in nano-botanical oral hygiene solutions: The Dawn of biomimetic nanomaterials  | European Journal of Medicinal Chemistry Reports              | HEC X | 12 | Dr Waqar Aman        | SPH |
| 19 | Unleashing the Potential of Ibrutinib-Loaded Nanoparticles for Cancer Treatment: A Comprehensive Review   | bionanoscience   | HEC X | 14 | Sobia Razzaq         | SPH |

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| 20 | Antioxidant assesment of some therapeutically important plants as anti-aging agents   | Biological and Clinical Sciences Research Journal | HEC Y | 5  | Dr. Rabia Altaf                | SPH |
| 21 | ANTIOXIDANT ASSESSMENT OF SOME THERAPEUTICALLY IMPORTANT PLANTS AS ANTI-AGING AGENTS  | Biological and Clinical Science Research Journal  | HEC Y |    | Kanwal Mazhar, Dr. Rabia Altaf | SPH |
| 22 | CLINICAL OUTCOMES OF MONO-THERAPY VERSUS DUAL ANTIHYPERTENSIVE THERAPY IN PATIENTS PRESENTING AT TEHSIL HOSPITAL IN PAKISTAN                | Biological and Clinical Sciences Research Journal | HEC Y | 5  | Dr. Rabia Altaf                | SPH |
| 23 | E-HRM PRACTICES AND ORGANIZATIONAL SUCCESS IN IT SECTOR: MEDIATING ROLE OF PERCEIVED USEFULNESS   | Review in Business and Economics                  | HEC Y | 4  | Dr. Rabia Altaf                | SPH |
| 24 | Pyrotinib: A promising Tyrosine Kinase Inhibitor for treating Breast Cancer   | Molecular Medicine communications                 | HEC Y | 4  | Dr Abdul Qayyum Khan           | SPH |
| 25 | Parents' behaviour toward antibiotic self-medication in children and incidence of resistance: a cross-sectional study from Punjab, Pakistan | Family Medicine & Primary Care Review             | HEC Y | 26 | Ayaz Ali Khan                  | SPH |

#### School of Professional Psychology (SPP)

| Sr. | Title  | Journal Name                            | Ranking | Vol | Name                            | Department                       |
|-----|--|---|---------|-----|---------------------------------|----------------------------------|
| 1   | Burnout Mediates the Association between Workplace Bullying and Mental Health Problems of Health Practitioners in Cancer Units | Iranian Journal of Public Health        | HEC X   | 53  | Dr Shahnila Tariq               | Department of Applied Psychology |
| 2   | ACHIEVEMENT MOTIVATION IN LAWYERS: THE EFFECT OF COGNITIVE STYLES AND EMOTION REGULATION                                       | Journal of Education and Social Studies | HEC Y   | 5   | Dr Shahnila Tariq               | Department of Applied Psychology |
| 3   | CAREGIVER BURDEN: UNDERSTANDING THE EFFECTS OF NATURE&S LOVE AND SALUTOGENESIS IN ELDERLY SPOUSES WITH CHRONIC ILLNESS         | Gomal University Journal of Research    | HEC Y   | 40  | Aroob Sohail, Dr Shahnila Tariq | Department of Applied Psychology |

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| 4  | Depression in Caregivers of Patients with Bipolar Disorder   | ESCUAPIO. JOURNAL OF SERVICES INSTITUTE OF MEDICAL SCIENCES | HEC Y | 20 | Faiza Abdul Khaliq, Dr Shahnila Tariq                     | Department of Applied Psychology |
| 5  | Nature of University Students: The Role of Adverse Childhood Experience Self-Blaming and Criminogenic Cognitions   | Human Nature Journal of Social Sciences                     | HEC Y | 5  | Maira Tariq, Dr Shahnila Tariq                            | Department of Applied Psychology |
| 6  | THE ADVERSE CHILDHOOD EXPERIENCE SELF-BLAMING AND PARENT CHILD CONFLICTS IN UNIVERSITY STUDENTS                    | Gomal University Journal of Research                        | HEC Y | 40 | Inza Waheed, Dr Shahnila Tariq                            | Department of Applied Psychology |
| 7  | Translation and Validation of Cognitive Appraisals of Health Scale-Revised(CAHS-R)and Quality of Life (Q-LES-Q-SF) | Al-Mahdi Research Journal(MRJ)                              | HEC Y | 5  | Aroob Sohail, Dr Shahnila Tariq                           | Department of Applied Psychology |
| 8  | Occupational Stress and quality of life among rescue workers: The moderating role of social support.               | Liaquat National Journal of Primary Care                    | HEC Y | 6  | Farhan Shaheen, Sumaira Ayub, Beenish Mubeen              | Department of Applied Psychology |
| 9  | THE RELATIONSHIP OF PHUBBING EMOTIONAL INTELLIGENCE AND PSYCHOLOGICAL DISTRESS IN YOUTH                            | Journal of Pakistan Psychiatric Society                     | HEC Y | 21 | Sana Arshad, Ayesha Sarwar, Sumaira Ayub, Nimra Qamar     | Department of Applied Psychology |
| 10 | SOCIAL ENGAGEMENT AND PSYCHOLOGICAL DISTRESS IN INSTITUTIONALIZED OLDER ADULTS: A MEDIATING ROLE OF LONELINESS     | Journal of Postgraduate Medical Institute                   | HEC Y | 38 | Ms Mishal Naveed Khan Lodhi, Zahid Mahmood                | Department of Applied Psychology |
| 11 | Self-Silencing and Mental Well-being in Married Individuals: Mediating Role of Co-Dependency                       | Applied Psychology Review                                   | HEC Y | 3  | Amara Naeem, Jawaria Bashir, Amarah Qureshi, Rabia Saleem | Department of Applied Psychology |

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| 12 | Work-Related Burnout Mental Health and Spiritual Bypass: A Mediation Study of Employees  | Pakistan Journal of Humanities and Social Sciences                      | HEC Y | 12   | Sidra Nadeem, Sheraz Aziz, Amarah Qureshi, Hira Farhan           | Department of Applied Psychology |
| 13 | Impulsivity Digital Maturity and Morality of Pakistani TikTok Users  | Human Behavior and Emerging Technologies                                | HEC X | 2024 | Dr Haziq Mehmood   | Department of Applied Psychology |
| 14 | Examining the Impact of Caregiving Burden on the Mental Health of Caregivers: A Study of Individuals Caring for Chronically Ill Patients | Journal of Professional & Applied Psychology                            | HEC Y | 5    | Musfirah Mazhar, Dr Haziq Mehmood                                | Department of Applied Psychology |
| 15 | Influence of Parenting Styles on Delinquent Tendencies   | Human Nature Journal of Social Sciences                                 | HEC Y | 5    | Adam Imran, Farheen Leaique, Dr Haziq Mehmood                    | Department of Applied Psychology |
| 16 | Need to Belong and Loneliness Amongst Transgender Community Due to Family Rejection Authors  | Journal of Excellence in Social Sciences                                | HEC Y | 3    | Zainab Akram Awan, Maryam Bilal, Dr Haziq Mehmood                | Department of Applied Psychology |
| 17 | Relationship of Parental Support Interpersonal Conflicts and Acute Stress in Adolescence   | Pakistan Social Sciences Review   | HEC Y | 8    | Sonia Usman, Dr Haziq Mehmood                                    | Department of Applied Psychology |
| 18 | Stress Management and the Quality of Life of Women with PCOS: Lifestyle Intervention Approach  | International Journal of Psychological and Behavioural Research (IJPBR) | HEC Y | 4    | Dr Haziq Mehmood   | Department of Applied Psychology |
| 19 | The Impact of Culture Shock and Psychological Adjustment on Mental Well-Being in International Students                                  | Pakistan Journal of Humanities and Social Sciences                      | HEC Y | 12   | Maria Ayub, Dr Haziq Mehmood                                     | Department of Applied Psychology |
| 20 | THE ROLE OF RELIGIOUS BELIEFS AND PARENTING STYLES ON MORAL VALUES AMONG UNIVERSITY STUDENTS   | International Journal of Contemporary Issues in Social Sciences         | HEC Y | 3    | Hafiz Umer Basheer, Umama Mushtaq, Dr Haziq Mehmood, Nazar Abbas | Department of Applied Psychology |
| 21 | Understanding the Role of Job Crafting among University Faculty: A Qualitative Inquiry   | Jinnah Business Review  | HEC Y | 12   | Dr Haziq Mehmood, Amna Noureen                                   | Department of Applied Psychology |

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| 22 | Analysing the Impact of Observer and Victim Characteristics on Attributions of Blame in Rape Cases: A Literature Review on Rape Victim Blaming | Al-Mahdi Research Journal (MRJ)                                       | HEC Y | 5 | Kainaat Yousaf  | Department of Applied Psychology |
| 23 | Dark Triad of Personality Social Desirability and Ambivalent Sexism in Young Adults  | Al-Mahdi Research Journal (MRJ)                                       | HEC Y | 5 | Kainaat Yousaf, Maarab Zaheer   | Department of Applied Psychology |
| 24 | Exploring Parental Perspectives: Unveiling the Significance of Sex Education for Children before Puberty in Pakistan                           | Journal of Health and Rehabilitation Research                         | HEC Y | 4 | Kainaat Yousaf, Maarab Zaheer   | Department of Applied Psychology |
| 25 | Impact of Education on Benevolent Sexism Toward Men and Post-Rape Empathic Views in Adults   | Journal of Health and Rehabilitation Research                         | HEC Y | 4 | Marium Rasheed, Syeda Mariam Aamir, Kainaat Yousaf, Nazia Shahani, Maarab Zaheer, Almas Nawaz | Department of Applied Psychology |
| 26 | Married but Lonely: Attachment Styles and Loneliness across Newly Wedded and Long Wedded Pakistani Women                                       | Journal of Applied Research and Multidisciplinary Studies             | HEC Y | 5 | Kainaat Yousaf  | Department of Applied Psychology |
| 27 | Perceiving Victimhood: Compassion for Survivor and Acceptance of Myths of Men Rape Across Pakistani Men and Women                              | Al-Mahdi Research Journal   | HEC Y | 5 | Nazia Shahani, Syeda Mariam Aamir, Mariam Rasheed, Kainaat Yousaf                             | Department of Applied Psychology |
| 28 | Taboo or Temptation? The desire that dares not to speak. Exploring the Enigmatic word of perception of fetishism in Pakistan                   | International Research Journal of Arts Humanities and Social Sciences | HEC Y | 2 | Maarab Zaheer, Kainaat Yousaf, Safdar Iqbal, Bushra Khan                                      | Department of Applied Psychology |

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| 29 | THE INTERSECT OF DARKNESS: A QUANTITATIVE EXPLORATION OF MACHIAVELLIANISM EXTRINSIC GOALS AND PSYCHOLOGICAL WELL-BEING IN YOUNG ADULTS | International Journal of Contemporary Issues in Social Sciences | HEC Y | 3  | Syeda Marium Aamir, Kainaat Yousaf, Sheeza Farooq, Bushra Khan | Department of Applied Psychology  |
| 30 | THE PALE BLUE DOT EFFECT: EXPLORING THE PSYCHOLOGICAL IMPACT OF CONTEMPLATING OUR PLACE IN THE VAST UNIVERSE                           | International Journal of Social Sciences Bulletin               | HEC Y | 2  | Maarab Zaheer, Kainaat Yousaf                                  | Department of Applied Psychology  |
| 31 | Parenting the parents: A phenomenological study of parentified adolescents in Pakistan   | Journal of Community & Applied Social Psychology                | HEC W | 34 | Rabeea Irfan, Sayyeda Taskeen Zahra, Ayesha Jabeen             | Department of Clinical Psychology |
| 32 | DEVELOPMENT AND VALIDATION OF SCALE ON ACADEMIC STRESSORS IN COLLEGE STUDENTS: A FACTOR ANALYTICAL APPROACH                            | Journal of Postgraduate Medical Institute                       | HEC Y | 38 | Ayesha Jabeen, Aiman Shahzad , Maria Khan                      | Department of Clinical Psychology |
| 33 | Logical memory speed of processing and social-emotional development during middle childhood: The                                       | Rawal medical Journal   | HEC Y | 49 | Eman Jalal, Saad Arshad, Ayesha Jabeen, Syeda Laiba Hassan     | Department of Clinical Psychology |
| 34 | The development of intolerance of uncertainty scale for university students.   | Annals of King Edward Medical University                        | HEC Y | 30 | Zainab Sajjad, Ayesha Jabeen                                   | Department of Clinical Psychology |
| 35 | Development and Validation of Scale of Psychosocial Issues for Patients With Migraine  | Pakistan Journal of Psychological Research                      | HEC Y | 39 | Zahra Batool, Ms Rabia Khadim                                  | Department of Clinical Psychology |
| 36 | Mental Toughness and Psycho-Social Reactions in COVID-19 Sufferers: A Mediating Role of Embitterment                                   | Journal of Post Graduate Medical Institute                      | HEC Y | 38 | Linta Haroon, Sayyeda Taskeen Zahra                            | Department of Clinical Psychology |
| 37 | Paranoid Tendencies Scale: Development and Establishment of Psychometric Properties in Young Adults                                    | Pakistan Journal of Psychological Research                      | HEC Y | 39 | Fatima Aslam, Sadia Saleem, Syeda Taskeen Zahra                | Department of Clinical Psychology |

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| 38 | The development of a bullying victimisation scale: the experience of Pakistani adolescents.  | educational psychology in practice                 | HEC Y | 40 | Siham Amjad, Halima Khurshid, Sayyeda Taskeen Zahra, Hina Nawaz | Department of Clinical Psychology |
| 39 | Bedtime Procrastination Sleep Disturbance Fatigue and Mental Health in Female University Students: Mediation Analysis:                           | Journal of Professional & Applied Psychology       | HEC Y | 5  | Rehana Mushtaq, Anum Karamat                                    | Department of Clinical Psychology |
| 40 | Getting Stuck in Thoughts: Development of Ruminative Inertia Scale for University Students   | Pakistan Journal of Psychological Research         | HEC Y | 39 | Aiman Shahzad, Ayesha Jabeen, Sadia Saleem                      | Department of Clinical Psychology |
| 41 | Spiritual intelligence and psychological wellbeing of Pakistani university students.   | Current Psychology                                 | HEC W | 43 | Hina Rana   | Department of Clinical Psychology |
| 42 | Mediating role of self-objectification between emotional maturity and psychological distress in Pakistani women.                                 | Life and Science                                   | HEC Y | 5  | Hina Rana   | Department of Clinical Psychology |
| 43 | PUBG Game addiction Social connectedness and aggression in young Adults.   | Pakistan Journal of Humanities and Social Sciences | HEC Y | 12 | Hina Rana   | Department of Clinical Psychology |
| 44 | Serial mediation of ADHD symptoms and self-criticism between dysfunctional attitudes and mental health problems in Pakistani University students | Cogent Education                                   | HEC W | 11 | Rehana Mushtaq  | Department of Clinical Psychology |
| 45 | Media Influence and Eating Problems: The Mediating Role of Body Appreciation in Young Adults.  | Forman Journal of Social Sciences                  | HEC Y | 4  | Rehana Mushtaq, Manahil Asif                                    | Department of Clinical Psychology |
| 46 | Body Image Dissatisfaction Emotional Regulation and Marital Satisfaction after Cesarean Delivery   | Remittances Review                                 | HEC X | 9  | Bushra Nasim, Sania Kausar                                      | Department of Clinical Psychology |

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| 47 | Demographic Characteristics Stress and Emotion Regulation in the Caregivers of Elderly Hemodialysis Patients                                   | Journal of Health and Rehabilitation Research | HEC Y | 4  | Bushra Nasim, Sania Kausar, Sana Zaheer     | Department of Clinical Psychology |
| 48 | Harassment Coping Responses Self-Objectification and Psychological Distress in Female Students Using Public Transport                          | Al-Mahdi Research Journal (MRJ)               | HEC Y | 5  | Sana Zaheer                                 | Department of Clinical Psychology |
| 49 | Mental Health Law in Pakistan: An Analysis   | Pakistan Social sciences Review               | HEC Y | 8  | Bushra Nasim                                | Department of Clinical Psychology |
| 50 | Frequency and covariates of molecular subcategories of breast carcinoma - a referral tertiary care center study in Khyber Pakhtunkhwa Pakistan | Pakistan Journal of Pathology                 | HEC Y | 2  | Sadia Khan                                  | Department of Clinical Psychology |
| 51 | Impact of Spy Fiction on Cognition   | Journal of Pakistan Medical Association       | HEC X | 74 | Mishal Zulfiqar, Maheen Asif, Laraib Javaid | Department of Clinical Psychology |

#### School of Science (SSC)

| Sr. | Title  | Journal Name                                       | Ranking | Vol   | Name  | Department              |
|-----|--|--|---------|-------|---|-------------------------|
| 1   | A comprehensive review on crosslinked network systems of zinc oxide-organic polymer composites                             | International Journal of Biological Macromolecules | HEC W   | 274   | Dr Muhammad Arif, Dr. Abdul Rauf  | Department of Chemistry |
| 2   | A review on Ag nanoparticles fabricated in microgels   | RSC Advances                                       | HEC W   | 14    | Dr Muhammad Arif, Dr. Abdul Rauf  | Department of Chemistry |
| 3   | A stable metal ferrite Construction physical Characterizations and investigation magnetic properties in thin polymer films | Materials Science & Engineering B                  | HEC W   | B 300 | Dr Sohail Nadeem, Nafeesa Allah Ditta, Mohsin Javed, Abdul Sattar, Dr Ayesha Mohy Uddin | Department of Chemistry |
| 4   | A Tutorial Review on Composites of Silica and Smart Microgels  | JOM  | HEC W   | 76    | Dr Muhammad Arif  | Department of Chemistry |



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| 5  | Applicability of edible Candelilla wax composite blended with Bryophyllumpinnatum extract to prolong shelf life of fruits/vegetables                   | Journal of Food Measurement and Characterization   | HEC W | 18  | Amber Fatima, Fatima Tahir, Dr Ayesha Mohy Uddin, Tabassum Munir, Dr Sohail Nadeem, Mohsin Javed | Department of Chemistry |
| 6  | Application of High-Density Brines in Drilling and Completion Fluids: Current Insights and Future Perspectives   | Energy & Fuels                                     | HEC W | 38  | Dr Muhammad Azeem Akbar Rana   | Department of Chemistry |
| 7  | Boosting highly effective photocatalytic activity through g-C3N4 coupled Al doped zinc ferrite nanoparticles: Maximizing dye degradation kinetics      | Materials Chemistry and Physics                    | HEC W |     | Noor Ul Saher, Mohsin Javed  | Department of Chemistry |
| 8  | Catalytic reduction of nitroarenes by palladium nanoparticles decorated silica@poly(chitosan-N-isopropylacrylamide-methacrylic acid) hybrid microgels  | International Journal of Biological Macromolecules | HEC W | 275 | Dr Muhammad Arif, Dr. Abdul Rauf, Hamid Raza, Shah Muhammad Haroon                               | Department of Chemistry |
| 9  | Classification synthesis characterization and applications of metal nanoparticle-containing hybrid microgels: a comprehensive review                   | RSC Advances                                       | HEC W | 14  | Dr Muhammad Arif, Hamid Raza   | Department of Chemistry |
| 10 | Construction of a binary S-scheme S-g-C3N4/Co-ZF heterojunction with enhanced spatial charge separation for sunlight-driven photocatalytic performance | RSC ADVANCES                                       | HEC W | 14  | Mohsin Javed, Syeda Saba Hassan, Dr Sohail Nadeem, Dr Ayesha Mohy Uddin                          | Department of Chemistry |
| 11 | Core-shell systems of crosslinked organic polymers: a critical review  | European Polymer Journal                           | HEC W | 206 | Dr Muhammad Arif   | Department of Chemistry |

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| 12 | Crosslinked polymeric networks of TiO <sub>2</sub> –polymer composites: a comprehensive review  | RSC Advances                                  | HEC W | 14  | Dr Muhammad Arif, Mohsin Javed   | Department of Chemistry |
| 13 | Cultivating sustainability: Harnessing biochar-derived composites for carbon-neutral wastewater treatment   | Process Safety and Environmental Protection   | HEC W | 187 | Shahnoor Ali, Dr Ayesha Mohy Uddin, Ahtisham Haider, Mamoon Riaz, Sajid Khan         | Department of Chemistry |
| 14 | Current Advances in Copper MOF as a Potential Third Generation Antibacterial Agent  | Journal of the Chemical Society of Pakistan   | HEC W | 46  | Dr. Abdul Rauf, Shah Muhammad Haroon, Hamid Raza, Mohsin Javed, Dr Ayesha Mohy Uddin | Department of Chemistry |
| 15 | Development of a novel pH-Responsive PVA/GO-Glu/TiO <sub>2</sub> nanocomposite hydrogel for efficient degradation of organic pollutants   | Optical Materials                             | HEC W | 150 | Mohsin Javed   | Department of Chemistry |
| 16 | Eco-Friendly synergistic energy generation: Co-Ni <sub>2</sub> S <sub>4</sub> nanoparticles with S-g-C <sub>3</sub> N <sub>4</sub> as a dual-action electrocatalyst for sustainable water splitting | Journal of Electroanalytical Chemistry        | HEC W | 973 | Awais Raza, Mohsin Javed, Azeem Akbar  | Department of Chemistry |
| 17 | Efficient Production of Biodiesel by the Transesterification of Neem Oil Using Ni-Doped ZnO Nanoparticles as Heterogeneous Catalysts  | Arabian Journal for Science and Engineering   | HEC W |     | Afifa Zahid, Zahid Mukhtar, Dr Sammia Shahid, Muhammad Azam Oamar                    | Department of Chemistry |
| 18 | Electrochemical properties of lithium metal doped C <sub>60</sub> fullerene for battery applications  | Materials Science in Semiconductor Processing | HEC W | 175 | Dr Naveen Kosar  | Department of Chemistry |

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| 19 | Engineering the nanostructure of iron-doped ZnO for the construction of Fe-ZnO/SGCN nanocomposites to enhance the spatial charge separation and their potential applications       | Materials Science & Engineering B   | HEC W | 299 | Mohsin Javed, Adnan Amjad, Hamid Raza, Muhammad Riaz                                      | Department of Chemistry |
| 20 | Enhanced photocatalytic degradation and synergistic effects of Tin-Doped zinc oxide nanoparticles for environmental remediation  | Materials Science & Engineering B   | HEC W | 308 | Mohsin Javed  | Department of Chemistry |
| 21 | Environmental impacts of food waste management technologies: A critical review of life cycle assessment (LCA) studies.   | Trends in Food Science & Technology | HEC W | 143 | Fatima Batool, Dr Ayesha Mohy Uddin   | Department of Chemistry |
| 22 | Exploration of Deep UV-NLO Responses of Non-Conjugated Crystal Systems by Harnessing Aprotic Solvents: DFT vs Experimental   | Optical Materials                   | HEC W | 156 | Dr Ayesha Mohy Uddin, Abrar U. Hassan   | Department of Chemistry |
| 23 | Exploring microgel adsorption: synthesis classification and pollutant removal dynamics   | RSC Advances                        | HEC W | 14  | Dr Muhammad Arif  | Department of Chemistry |
| 24 | Exploring the Sensing Potential of g-C <sub>3</sub> N <sub>4</sub> versus Li/g-C <sub>3</sub> N <sub>4</sub> Nanoflakes toward Hazardous Organic Volatiles: A DFT Simulation Study | ACS Publications                    | HEC W | 9   | Dr Naveen Kosar   | Department of Chemistry |
| 25 | Fabrication of novel vildagliptin loaded ZnO nanoparticles for anti diabetic activity  | Scientific Reports                  | HEC W | 14  | Abdul Samad, Dr Sammia Shahid, Sana Mansoor, Sehrish Afzal, Mohsin Javed, Abdullah Shoaib | Department of Chemistry |

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| 26 | Finding potential inhibitors from phytochemicals against nucleoprotein of crimean congo fever virus using in silico approach  | Scientific Reports                            | HEC W | 14  | Muhammad Ramzan, Adnan Amjad, Mohsin Javed, Namrah Zaka                            | Department of Chemistry |
| 27 | Harnessing halides: Comparative study of oxide fullerene modifications for sodium ion secondary battery efficiency  | Materials Science in Semiconductor Processing | HEC W | 181 | Dr Naveen Kosar  | Department of Chemistry |
| 28 | Harnessing the power of multifunctional $\text{Fe}_2\text{O}_3/\text{CuO}$ nanocomposites: Effective extraction of heavy metals and bacterial pathogens from contaminated water | Materials Chemistry and Physics               | HEC W | 320 | Dr. Abdul Rauf, Syeda Ayesha Kiran, Hamid Raza, Shah Muhammad Haroon, Mohsin Javed | Department of Chemistry |
| 29 | Highly operative removal of amoxicillin (AMX) from aqueous solution by $\text{MnFe}_2\text{O}_4$ nanoparticles and carboxy methyl cellulose (CMC) composite                     | Polyhedron                                    | HEC W | 263 | Sana Mansoor, Dr Sammia Shahid, Mohsin Javed                                       | Department of Chemistry |
| 30 | Improving Water-Based Drilling Mud Performance Using Biopolymer Gum: Integrating Experimental and Machine Learning Techniques   | Molecules                                     | HEC W | 29  | Dr Muhammad Azeem Akbar Rana   | Department of Chemistry |
| 31 | Innovative S-Scheme heterojunctions: Boosting methylene blue degradation and antimicrobial efficacy with $\text{NiCo}_2\text{S}_4/\text{S-g-C}_3\text{N}_4$                     | Optical Materials                             | HEC W | 157 | Shakeela Rauf, Mohsin Javed, Saddiqa Mansoor, Dr Sammia Shahid, Sana Mansoor,      | Department of Chemistry |

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| 32 | Logical Optimization of Metal-Organic Frameworks for Photocatalytic Degradation of Organic Pollutants in Water via Box-Behnken Design   | ACS ES&T Water   | HEC W | 4   | Iqra Afzal, Dr Toheed Akhter          | Department of Chemistry |
| 33 | Long range push-pull based NIR switching and photovoltaic optimization as energetic offset novel study design of novel quinazoline anchoring dyes   | Materials Science and Engineering B: Solid-State Materials for Advanced Technology | HEC W | 299 | Dr Ayesha Mohy Uddin                  | Department of Chemistry |
| 34 | Mechanistic enhanced cell voltage based on halides doped metal oxide fullerenes for use in Li-ion batteries: Insights from DFT intuition  | Diamond & Related Materials  | HEC W | 142 | Dr Naveen Kosar                       | Department of Chemistry |
| 35 | Mesoporous silica-grafted deep eutectic solvent-based mixed matrix membranes for wastewater treatment: Synthesis and emerging pollutant removal performance   | Nanotechnology Reviews   | HEC W |     | Kanwal Rashid, Dr Sohail Nadeem       | Department of Chemistry |
| 36 | Modification of the N-methyl-4,5-diazacarbazole D-A with a $\pi$ -conjugated bridge to enhance excited-state properties for superior utilization in green energy applications: A theoretical approach | Colloids and Surfaces A: Physicochemical and Engineering Aspects                   | HEC W | 697 | Dr Naveen Kosar                       | Department of Chemistry |
| 37 | Molecular engineering on tyrian purple natural dye as TiO <sub>2</sub> based fine tuned photovoltaic dye material: DFT molecular analysis   | Journal of Molecular Graphics and Modelling  | HEC W | 134 | Abrar U. Hassan, Dr Ayesha Mohy Uddin | Department of Chemistry |
| 38 | Noble metal nanoparticles encapsulated smart microgels: A critical review   | Journal of Molecular Liquids   | HEC W | 403 | Dr Muhammad Arif                      | Department of Chemistry |

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| 39 | Optimization of nonlinear properties of C6O6Li6-doped alkalides via group I/III doping for unprecedented charge transfer and advancements in optoelectronics                  | Physical Chemistry<br>Chemical Physics             | HEC W | 27   | Dr Naveen Kosar  | Department of Chemistry |
| 40 | Poly(chitosan-N-vinylcaprolactam-methacrylic acid) microgels as microreactor for Ag(I) ions extraction and in-situ silver nanoparticles formation to reduce the toxins        | International Journal of Biological Macromolecules | HEC W | 282  | Dr Muhammad Arif, Hamid Raza   | Department of Chemistry |
| 41 | Quantum chemical exploration of B2C2N2 nanosheet as anticancer drug delivery substrate  | Computational and Theoretical Chemistry            | HEC W |      | Dr Naveen Kosar, Maira Amjad   | Department of Chemistry |
| 42 | Recycling of polyethylene terephthalate to bismuth-embedded bimetallic MOFs as photocatalysts toward removal of cationic dye in water   | Journal of Industrial and Engineering Chemistry    | HEC W | 137  | Sana Karamat, Dr Toheed Akhter, Muhammad Faheem, Sadia Ashraf                                    | Department of Chemistry |
| 43 | Removal of Cd (II) and Pb (II) from synthetic wastewater using Rosa damascena waste as a biosorbent: An insight into adsorption mechanisms kinetics and thermodynamic studies | Journal of Porous Materials                        | HEC W | 2024 | Fatima Batool, Dr Ayesha Mohy Uddin, Adnan Amjad, Dr Sohail Nadeem, Mohsin Javed, Dr. Abdul Rauf | Department of Chemistry |
| 44 | Rosa damascena waste as biosorbent for co-existing pollutants removal: Fixed-bed column study and ANN modeling  | Chemical Engineering Science                       | HEC W | 293  | Fatima Batool, Dr Ayesha Mohy Uddin  | Department of Chemistry |
| 45 | SAR Molecular Docking and Molecular Dynamic Simulation of Natural Inhibitors against SARS-CoV-2 Mpro Spike Protein  | Molecules  | HEC W | 29   | Aqsa Salamat, Dr Naveen Kosar, Dr Ayesha Mohy Uddin  | Department of Chemistry |

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| 46 | Sequestration of cyanide ions from aqueous medium by physio-chemically fabricated biochar of peels of banana and grape fruit in ecofriendly way                                      | International Journal of Phytoremediation          | HEC W | 2024 | Noor- ul-Ain, Ghazala Yaseen, Dr Jamil Anwar                                 | Department of Chemistry |
| 47 | Silica@poly(chitosan-N-isopropylacrylamide-methacrylic acid) microgels: Extraction of palladium (II) ions and in situ formation of palladium nanoparticles for pollutant reduction   | International Journal of Biological Macromolecules | HEC W | 270  | Dr Muhammad Arif, Hamid Raza, Shah Muhammad Haroon, Fatima Tahir             | Department of Chemistry |
| 48 | Sunlight-active S-g-C <sub>3</sub> N <sub>4</sub> boosts Ni-doped ZnFe <sub>2</sub> O <sub>4</sub> photocatalysts for efficient organic pollutants degradation                       | Optical Materials                                  | HEC W | 150  | Ayesha Taj Gors, Sana Mansoor, Mohsin Javed, Muhammad Azam Qamar             | Department of Chemistry |
| 49 | Sustainable energy generation: High-performance NiCo <sub>2</sub> S <sub>4</sub> @ Sg-C <sub>3</sub> N <sub>4</sub> bifunctional electrocatalyst advances water splitting efficiency | International Journal of Hydrogen Energy           | HEC W | 68   | Hafiz Dawood Khalid, Mohsin Javed, Adnan Amjad, Dr Muhammad Azeem Akbar Rana | Department of Chemistry |
| 50 | Synthesis and Application of an Eco-Friendly Cellulose   | Arabian Journal for Science and Engineering        | HEC W | 49   | Dr Sohail Nadeem, Muhammad Azeem Akbar Rana, Dr Ayesha Mohy Uddin            | Department of Chemistry |
| 51 | Tailoring of an anti-diabetic drug empaglifozin onto zinc oxide nanoparticles: characterization and in vitro evaluation of anti-hyperglycemic potential                              | Scientific reports                                 | HEC W | 14   | Abdullah Shoaib, Dr Sammia Shahid , Sana Mansoor, Mohsin Javed               | Department of Chemistry |

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| 52 | Tailoring Si12C12 nanocluster with late first-row transition metals: A promising approach during single-atom catalysis toward hydrogen evolution reaction (HER)        | International Journal of Hydrogen Energy | HEC W |     | Dr Naveen Kosar, Saira Rafiq         | Department of Chemistry |
| 53 | Unrivaled single atom catalytic efficiency of Fe@Mg12O12 toward N2 reduction reaction (NRR) for NH3 generation   | Physica Scripta                          | HEC W | 99  | Dr Naveen Kosar                      | Department of Chemistry |
| 54 | Unveiling the future of environmental solutions: S-g-C3N4/Te-doped metal oxides (ZnO Mn3O4 & SnO2) as game-changers in photocatalytic and antibacterial technologies   | Materials Science & Engineering B        | HEC W | 302 | Mohsin Javed                         | Department of Chemistry |
| 55 | UV-blocking and photocatalytic properties of Ag-coated cotton fabrics with Si binders for photo-degradation of recalcitrant dyes in aqueous solutions under sunlight.  | Journal of Environmental Management      | HEC W | 353 | Muhammad Amjad, Dr Ayesha Mohy Uddin | Department of Chemistry |
| 56 | UV-Vis spectroscopy in the characterization and applications of smart microgels and metal nanoparticle-decorated smart microgels: a critical review                    | RSC Advances                             | HEC W | 14  | Dr Muhammad Arif, Hamid Raza         | Department of Chemistry |
| 57 | Emerging environmentally friendly bio-based nanocomposites for the efficient removal of dyes and micropollutants from wastewater by adsorption: a comprehensive review | RSC advances                             | HEC W | 14  | Muhammad Azam Qamar                  | Department of Chemistry |



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| 58 | Emerging paradigms in two-dimensional materials: Classification, synthesis, and the role of defects in electrocatalysis for water splitting and oxygen reduction reaction | Journal of Environmental Chemical Engineering | HEC W | 12  | Muhammad Azam Qamar                        | Department of Chemistry |
| 59 | Enhancement of hydrogen storage characteristics of Na <sub>2</sub> CaH <sub>4</sub> hydrides by introducing the Mg and Be dopant: A first-principles study                | International Journal of Hydrogen Energy      | HEC W | 70  | M.W. Younis                                | Department of Chemistry |
| 60 | First-principles investigation of structural, mechanical, and optoelectronic properties of Hf <sub>2</sub> AX (A=Al, Si and X=C, N) MAX phases                            | Journal of the American Ceramic Society       | HEC W | 107 | Muhammad Wasim Younis, Muhammad Asif Iqbal | Department of Chemistry |
| 61 | Global impact of COVID-19 on food safety and environmental sustainability: Pathways to face the pandemic crisis   | Heliyon                                       | HEC W | 10  | Muhammad Azam Qamar                        | Department of Chemistry |
| 62 | Graphene-Based Nanomaterials are a Potent and Innovative Technology for the Treatment of Cancer: A Review   | ChemistrySelect                               | HEC W | 9   | Muhammad Azam Qamar                        | Department of Chemistry |
| 63 | Innovations in perovskite solar cells: a journey through 2D, 3D, and 2D/3D heterojunctions  | Reviews in Inorganic Chemistry                | HEC W |     | Muhammad Azam Qamar                        | Department of Chemistry |
| 64 | Iron-doped biochar, an agricultural and environmentally beneficial fertilizer   | Environmental Monitoring and Assessment       | HEC W | 196 | Noor ul Ain, Ghazala Yaseen                | Department of Chemistry |
| 65 | Novel hybrid treatment for canal water recycling by integrating coagulation, catalytic ozonation, and filtration for agricultural sustainability                          | Journal of Water Process Engineering          | HEC W | 67  | Fatima Ashfaq, Asia Akram                  | Department of Chemistry |

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| 66 | Progress in the development of copper oxide-based materials for electrochemical water splitting   | International Journal of Hydrogen Energy                       | HEC W | 62  | Muhammad Azam Qamar            | Department of Chemistry |
| 67 | Progress in the development of phyto-based materials for adsorption of dyes from wastewater: A review   | Materials Today Communications                                 | HEC W | 38  | Muhammad Azam Qamar            | Department of Chemistry |
| 68 | Recent Advances in Carbon Nanotube Utilization in Perovskite Solar Cells: A Review  | Micromachines  | HEC W | 15  | Muhammad Azam Qamar            | Department of Chemistry |
| 69 | Source identification, characteristics, and spatial distribution of airborne microplastic deposition in Lahore City, Pakistan   | Environmental Science and Pollution Research                   | HEC W | 31  | Arhum Naqash, Jamil Anwar      | Department of Chemistry |
| 70 | Structural, Optoelectronic and Thermodynamical Properties of 1T Phase of Transition Metal Oxides TMO <sub>2</sub> (TM = Zr and Hf): A first-principles Study  | Journal of Inorganic and Organometallic Polymers and Materials | HEC W |     | M.W. Younis                    | Department of Chemistry |
| 71 | Synthesis and characterization of (Ni, Mn)-ZnO/g-C <sub>3</sub> N <sub>4</sub> nanocomposite for efficient electrochemical water splitting: The role of electrocatalyst for OER                     | Diamond and Related Materials                                  | HEC W | 147 | Muhammad Azam Qamar            | Department of Chemistry |
| 72 | Tailored Ni-Zn-Cu ferrite/EPDM nanocomposites: Synthesis, characterization, and multifaceted properties for mechanical and electrical applications  | Polymer Composites   | HEC W | 45  | Nazia Parveen, Asma Anam Hanif | Department of Chemistry |
| 73 | Versatile poly(N-vinylcaprolactam)-grafted-hydroxypropyl cellulose polymers with tailored thermo- and pH-responsive properties via sustainable organocatalyzed atom transfer radical polymerization | Polymer Chemistry  | HEC W | 15  | Muhammad Asif Iqbal            | Department of Chemistry |

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| 74 | Amplifying the nonlinear optical response of sunflower-like C16S8 through superhalogen doping  | Physica Scripta   | HEC X | 99   | Dr Naveen Kosar, Tayyba Ashraf                | Department of Chemistry |
| 75 | Beyond surface: Unveiling ecological and economic ramifications of microplastic pollution in the oceans  | Water Environment Research  | HEC X | 96   | Dr Ayesha Mohy Uddin                          | Department of Chemistry |
| 76 | Biomass residues purification: elimination of oxygen from oxolane and its monomethylated derivatives through hydrodeoxygenation process                      | Physica Scripta   | HEC X | 99   | Dr Naveen Kosar                               | Department of Chemistry |
| 77 | Carbon dots and nitrogen doped carbon dots metal oxide nanocomposites: robust agents for effective sensing of ions   | J Mater Sci: Mater Electron   | HEC X | 35   | Dr Sammia Shahid, Sana Mansoor, Mohsin Javed  | Department of Chemistry |
| 78 | Change in nonlinear optical response of C24 nanocage upon doping with lithium based superalkalis   | Physica Scripta   | HEC X | 99   | Dr Naveen Kosar, Ayesha Safdar                | Department of Chemistry |
| 79 | Controlled dynamic variation of interfacial electronic and optical properties of lithium intercalated ZrO <sub>2</sub> /MoS <sub>2</sub> vdW heterostructure | Journal of Molecular Graphics and Modelling                             | HEC X | 127  | M.W. Younis, Dr Toheed Akhter                 | Department of Chemistry |
| 80 | Enzymes encapsulated smart polymer micro assemblies and their tuned multi-functionalities: a critical review   | International Journal of Polymeric Materials and Polymeric Biomaterials | HEC X | 73   | Dr Muhammad Arif, Hammad Majeed, Khalil Ahmed | Department of Chemistry |
| 81 | Exploration of sensing behavior B3O3 quantum dot toward methyl halides; a quantum chemical approach  | Computational and Theoretical Chemistry                                 | HEC X | 1239 | Dr Naveen Kosar, Muhammad Adnan               | Department of Chemistry |
| 82 | Exploring the Sensitivity of Bowl-shaped Silicon Carbide Nanocluster towards G-Series Nerve Agents: A Density Functional Theory Approach                     | Silicon   | HEC X |      | Dr Naveen Kosar, Arooj Fatima                 | Department of Chemistry |

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| 83 | Fabrication and photocatalytic evaluation of Cr-doped-ZnO/S-g-C <sub>3</sub> N <sub>4</sub> nanocomposite: exploiting the synergistic effect for efficient environmental remediation | Journal of Materials Science: Materials in Electronics | HEC X | 35   | Fatima Tahir, Mohsin Javed, Sana Mansoor, Ishrat Fatima, Muhammad Azam Qamar, Dr Sohail Nadeem | Department of Chemistry |
| 84 | Fe-doped CdS with sulfonated g-C <sub>3</sub> N <sub>4</sub> in a heterojunction designed for improved biomedical and photocatalytic potentials                                      | Inorganic Chemistry Communications                     | HEC X |      | Mohsin Javed, Sana Mansoor   | Department of Chemistry |
| 85 | Highly synergistic antibacterial activity of copper (II)-based nano metal-organic framework  | Inorganic Chemistry Communications                     | HEC X | 159  | Dr. Abdul Rauf, Adeel Ahmad Khawaja, Mohsin Javed, Dr Sohail Nadeem                            | Department of Chemistry |
| 86 | High-strength montmorillonite polyurethane nanocomposites with exfoliated montmorillonite: Preparation and characterization  | Inorganic Chemistry Communications                     | HEC X | 162  | Mohsin Javed   | Department of Chemistry |
| 87 | In Silico Analysis of Calotropis procera-Derived Phytochemicals Targeting 3CL Protease of SARS-CoV-2   | Molecular Biotechnology                                | HEC X | 2024 | Tayyaba Shafique, Mohsin Javed   | Department of Chemistry |
| 88 | Incorporation of Silane-Modified Halloysite into hydrogels for Cefaclor drug Release: Potential for wound healing application  | Inorganic Chemistry Communications                     | HEC X | 163  | Mohsin Javed   | Department of Chemistry |
| 89 | Inorganic membrane: a game changer for gas separation and purification   | Chemical Papers  | HEC X | 78   | Mamoona Riaz, Dr Ayesha Mohy Uddin, Ahtisham Haider, Shahnoor Ali                              | Department of Chemistry |

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| 90 | Mitigating Carbon Dioxide in Atmosphere by Utilizing Biochar as a Fertilizer; A Step Towards Sustainable Agriculture  | Polish Journal of Environmental Studies                       | HEC X | 33  | Noor Ul Ain, Ghazala Yaseen, Dr Jamil Anwar   | Department of Chemistry |
| 91 | Preparation of carbon nanoparticles constructed from seed Oils physical characterizations and antifungal performance  | Inorganic Chemistry Communications                            | HEC X | 159 | Dr Sohail Nadeem, Madeeha Rasool, Mohsin Javed, Nafeesa Allah Ditta, Dr Ayesha Mohy Uddin | Department of Chemistry |
| 92 | Realization of controllable multifunctionality by interfacial engineering: the case of silicene/hBN van der Waals heterostructure                               | Modelling and Simulation in Materials Science and Engineering | HEC X | 32  | M.W. Younis, Dr Toheed Akhter   | Department of Chemistry |
| 93 | Realizing the effect of s-block metals on a charge transfer crystal of indol-2-one for enhanced NLO responses with efficient energetic offsets                  | Journal of Molecular Modeling                                 | HEC X | 30  | Dr Ayesha Mohy Uddin  | Department of Chemistry |
| 94 | Role of high-density brines in reservoir development stages: A review   | Energy Geoscience   | HEC X | 5   | Dr Muhammad Azeem Akbar Rana  | Department of Chemistry |
| 95 | Synthesis and characterization of novel SEBS- $\text{g}$ -MA/OMMT nanocomposites with thermal and mechanical resilience   | Chemical Papers   | HEC X |     | Mohsin Javed  | Department of Chemistry |
| 96 | Technological solutions for air pollution control to mitigate climate change: an approach to facilitate global transition toward blue sky and net-zero emission | Chemical Papers   | HEC X | 78  | Sajid Khan, Dr Ayesha Mohy Uddin, Ahtisham Haider   | Department of Chemistry |
| 97 | Unparalleled single-atom catalytic efficiency of TM@Al <sub>12</sub> P <sub>12</sub> (TM = Fe Co Ni Cu) nanoclusters toward oxygen evolution reaction (OER)     | Inorganic Chemistry Communications                            | HEC X |     | Dr Naveen Kosar   | Department of Chemistry |

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| 98  | Examining the contribution of globalization, renewable energy, and economic growth towards CO2 emissions in the G-7 countries                                | Natural Resources Forum            | HEC X |     | Muhammad Adil Javed              | Department of Chemistry |
| 99  | Fabrication of ecofriendly silver based composite hydrogel with multifunctional properties as possible wound dressing material                               | Physica Scripta                    | HEC X | 99  | Muhammad Azam Qamar              | Department of Chemistry |
| 100 | Fabrication of S-g-C3N4/Ni-CuS nanocomposites: assessing the influence of S-g-C3N4 concentration on electrocatalytic performance for HER/OER activities      | Applied Physics A                  | HEC X | 130 | Mehrose, Muhammad Azam Qamar     | Department of Chemistry |
| 101 | Novel pull–push solar switches with a D- $\pi$ -D- $\pi$ -A framework of the thiophene core: computed absorbance/fluorescence ability with device parameters | Structural Chemistry               | HEC X | 35  | Ayesha Mohyuddin                 | Department of Chemistry |
| 102 | Solvent-assisted investigation of NLO responses of 3,5-dihydroxybenzoic acid and pyrazine-2-carboxamide cocrystal  | Structural Chemistry               | HEC X | 35  | Ayesha Mohyuddin                 | Department of Chemistry |
| 103 | Structural, optoelectronic and thermodynamical insights into 2H-ZrO2: A DFT investigation  | Inorganic Chemistry Communications | HEC X | 160 | M.W. Younis, Muhammad Asif Iqbal | Department of Chemistry |
| 104 | Syzygium aromaticum Bud Extracted Core–Shell Ag–Fe Bimetallic Nanoparticles: Phytotoxic, Antioxidant, Insecticidal, and Antibacterial Properties             | Crystals                           | HEC X | 14  | Muhammad Azam Qamar              | Department of Chemistry |
| 105 | A new analytical methodology for the detection of Methamphetamine using UV-Vis FTIR and GC-MS techniques   | NUST Journal of Natural Sciences   | HEC Y | 9   | Muhammad Sameer, Mohsin Javed    | Department of Chemistry |

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| 106 | Climatic Events and Natural Disasters of 21st Century: A Perspective of Pakistan  | International Journal of Economic and Environmental Geology                             | HEC Y | 1   | Hafiz Muhammad Umer Aslam, Aisha Asif Butt, Humera Shabbir, Mohsin Javed, Dr Sohail Nadeem, Hamid Raza, Shah Muhammad Harron, Sidra Arshad | Department of Chemistry |
| 107 | Comparative investigation of tellurium-doped transition metal nanoparticles (Zn Sn Mn): Unveiling their superior photocatalytic and antibacterial activity  | Luminescence  | HEC Y | 39  | Mohsin Javed   | Department of Chemistry |
| 108 | Green synthesis of tellurium-doped SnO <sub>2</sub> nanoparticles with sulfurized g-C <sub>3</sub> N <sub>4</sub> : Insights into methylene blue photodegradation and antibacterial capability  | Luminescence  | HEC Y | 39  | Mohsin Javed, Sana Mansoor, Dr Abdul Rauf, Komal Aroosh  | Department of Chemistry |
| 109 | Harnessing solar power for enhanced photocatalytic degradation of coloured pollutants using novel Mg-doped ZnFe <sub>2</sub> O <sub>4</sub> /S@g-C <sub>3</sub> N <sub>4</sub> heterojunction: A facile hydrothermal synthesis approach | Luminsence Willey   | HEC Y | 159 | Rawish Rubab, Sana Mansoor, Mohsin Javed, Muhammad Azam Qamar  | Department of Chemistry |
| 110 | Study of Newly Synthesized Pyridinium-based Cationic Surfactants for Drug Interaction and Antibacterial Activity  | Proceedings of the Pakistan Academy of Sciences: A. Physical and Computational Sciences | HEC Y | 61  | Ali Jaan, Mohsin Javed   | Department of Chemistry |
| 111 | Exploring the Optical and Photovoltaic Changeover for Carbazole-Bridge Push-Pull Switches Against Their Local Excitations and Charge Transfers  | Journal of Computational Biophysics and Chemistry                                       | HEC-Y | 23  | Ayesha Mohyuddin   | Department of Chemistry |

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| 112 | Graphene Endowed Nanocomposite Sheet: Synthesis, Characterization and Thermal Stability  | Pakistan Journal of Scientific & Industrial Research Series A: Physical Sciences | HEC-Y | 67  | Abrar Ul Hassan, Dr Sohail Nadeem, Ayesha Mohyuddin                  | Department of Chemistry                              |
| 113 | Microdetermination of Piroxicam in Pharmaceutical Formulations by Complexation with Fe(III) and Image Scanning Densitometry                            | Journal of the Turkish Chemical Society Section A: Chemistry                     | HEC-Y | 11  | Jamil Anwar, Ayesha Mohyuddin  | Department of Chemistry                              |
| 114 | Enantioselective Synthesis of Flavonoids and Their Diverse Applications in Nutrition Health and Medicine: A Mini Review                                | Chemistryselect  | HEC X | 9   | Momna Qayyum, Dr Sammia Shahid, Sana Mansoor, Muhammad Azam Qamar    | Department of Chemistry                              |
| 115 | Stabilized Ag nanoparticles loaded smart poly(chitosan-N-isopropylacrylamide-methacrylic acid) hybrid microgels for catalytic reduction of nitroarenes | Journal of Molecular Liquids   | HEC W | 416 | Dr Muhammad Arif, Dr. Abdul Rauf, Hamid Raza, Shah Muhammad Haroon   | Department of Chemistry                              |
| 116 | Zinc-based metal–organic frameworks for encapsulation and sustained release of ciprofloxacin for excellent antibacterial activities                    | JOURNAL OF CHEMICAL TECHNOLOGY AND BIOTECHNOLOGY                                 | HEC W | 99  | Abdul Rauf, Mohsin Javed, Anam Tariq                                 | Department of Chemistry                              |
| 117 | A hybrid entropy-based economic evaluation of hydrogen generation techniques using Multi-Criteria Decision Making                                      | International Journal of Hydrogen Energy   | HEC W | 49  | Muhammad Haris Saeed, Muhammad Saeed (Department of Mathematics)     | Department of Chemistry                              |
| 118 | Study of Ionic Migration in Sea Water through Directional Freezing   | Journal of the Chemical Society of Pakistan                                      | HEC Y | 46  | Jamil Anwar, Amara Dar, Ayesha Mohy Uddin, Dr Mohammad Perwaiz Iqbal | Department of Chemistry, Department of Life Sciences |



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| 119 | Renewable energy resource management using an integrated robust decision making model under entropy and similarity measures of fuzzy hypersoft set  | Heliyon  | HEC W | 10  | Muhammad Haris Saeed, Muhammad Saeed, Atiqe Ur Rahman, Muhammad Ahsan | Department of Chemistry, Department of Mathematics |
| 120 | Association of epilepsy and neurological impairments with homozygous recessive missense mutations found in the genes responsible for ganglioside biosynthesis (ST3GAL5) and calcium voltage-gated channels (CACNA1H) - insights through molecular dynamic simulations | JOURNAL OF BIOMOLECULAR STRUCTURE AND DYNAMICS | HEC W |     | Dr Haseeb Nisar   | Department of Life Sciences                        |
| 121 | Biosynthesis and characterization of silver nanoparticles from Cedrela toona leaf extracts: An exploration into their antibacterial anticancer and antioxidant potential  | Green Processing and Synthesis                 | HEC W | 13  | Dr Muhammad Sohail Afzal  | Department of Life Sciences                        |
| 122 | Burden of disease scenarios for 204 countries and territories 2022-2050: a forecasting analysis for the Global Burden of Disease Study 2021   | Lancet   | HEC W | 403 | Dr Muhammad Sohail Afzal  | Department of Life Sciences                        |
| 123 | CRISPR Cas-9 for treatment and control of Avian viral diseases: challenges and opportunities  | Worlds Poultry Science Journal                 | HEC W | 80  | Muhammad Akram  | Department of Life Sciences                        |
| 124 | Epigallocatechin gallate and curcumin inhibit Bcl-2: a pharmacophore and docking based approach against cancer  | Breast Cancer Research                         | HEC W | 26  | Ghadir Ali  | Department of Life Sciences                        |
| 125 | Forecasting the effects of smoking prevalence scenarios on years of life lost and life expectancy from 2022 to 2050: a systematic analysis for the Global Burden of Disease Study 2021  | The Lancet Public Health                       | HEC W | 9   | Dr Muhammad Sohail Afzal  | Department of Life Sciences                        |

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| 126 | Global regional and national age-sex-specific burden of diarrhoeal diseases their risk factors and aetiologies 1990-2021 for 204 countries and territories: a systematic analysis for the Global Burden of Disease Study 2021 | The Lancet Infectious Diseases | HEC W |     | Dr Muhammad Sohail Afzal | Department of Life Sciences |
| 127 | Global regional and national burden of injuries and burden attributable to injuries risk factors 1990 to 2019: results from the Global Burden of Disease study 2019   | public health                  | HEC W | 237 | Dr Muhammad Sohail Afzal | Department of Life Sciences |
| 128 | Global regional and national burden of stroke and its risk factors 1990-2021: a systematic analysis for the Global Burden of Disease Study 2021   | The Lancet Neurology           | HEC W | 23  | Dr Muhammad Sohail Afzal | Department of Life Sciences |
| 129 | Global burden and strength of evidence for 88 risk factors in 204 countries and 811 subnational locations 1990-2021: a systematic analysis for the Global Burden of Disease Study 2021  | Lancet                         | HEC W | 403 | Dr Muhammad Sohail Afzal | Department of Life Sciences |
| 130 | Global burden of 288 causes of death and life expectancy decomposition in 204 countries and territories and 811 subnational locations 1990-2021: a systematic analysis for the Global Burden of Disease Study 2021            | Lancet                         | HEC W | 403 | Dr Muhammad Sohail Afzal | Department of Life Sciences |
| 131 | Global burden of bacterial antimicrobial resistance 1990-2021: a systematic analysis with forecasts to 2050   | Lancet                         | HEC W | 404 | Dr Muhammad Sohail Afzal | Department of Life Sciences |

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| 132 | Global fertility in 204 countries and territories 1950-2021 with forecasts to 2100: a comprehensive demographic analysis for the Global Burden of Disease Study 2021 | Lancet   | HEC W | 403 | Dr Muhammad Sohail Afzal  | Department of Life Sciences |
| 133 | Higher COVID-19 pneumonia risk associated with anti-IFN- $\gamma$ than with anti-IFN- $\alpha$ auto-Abs in children  | Journal of experimental medicine               | HEC W | 221 | Imran Tipu  | Department of Life Sciences |
| 134 | Infective Endocarditis in North Africa and the Middle East 1990–2019: Updates from the Global Burden of Disease Study 2019   | Archives of Iranian Medicine                   | HEC W | 27  | Dr Muhammad Sohail Afzal  | Department of Life Sciences |
| 135 | In-silico analysis of potential anticancer drug for NEK7 and PPP1CA proteins overexpressed in pancreatic ductal adenocarcinoma                                       | Journal of Biomolecular structure and dynamics | HEC W | 1   | Safa Adrees, Anam Imtiaz, Aiman Yaseen, Muhammad Irfan Fareed, Waqar Anwar, Mr Rana Muhammad Mateen | Department of Life Sciences |
| 136 | Nanoenzymes: A Radiant Hope for the Early Diagnosis and Effective Treatment of Breast and Ovarian Cancers  | International Journal of Nanomedicine          | HEC W | 19  | Dr Haseeb Nisar   | Department of Life Sciences |
| 137 | Solving the twin paradox-forensic strategies to identify the identical twins   | Forensic Science International                 | HEC W | 363 | Muhammad Aourangzaib, Rabiya Maham, Alisha Naz, Mr Rana Muhammad Mateen                             | Department of Life Sciences |

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| 138 | Global age-sex-specific mortality, life expectancy, and population estimates in 204 countries and territories and 811 subnational locations, 1950–2021, and the impact of the COVID-19 pandemic: a comprehensive demographic analysis for the Global Burden of Disease Study 2021                                       | Lancet              | HEC W | 403 | Muhammad Umair        | Department of Life Sciences |
| 139 | Global estimates on the number of people blind or visually impaired by age-related macular degeneration: a meta-analysis from 2000 to 2020  | Eye                 | HEC W | 38  | Muhammad Umair        | Department of Life Sciences |
| 140 | Global incidence, prevalence, years lived with disability (YLDs), disability-adjusted life-years (DALYs), and healthy life expectancy (HALE) for 371 diseases and injuries in 204 countries and territories and 811 subnational locations, 1990–2021: a systematic analysis for the Global Burden of Disease Study 2021 | Lancet              | HEC W | 403 | Muhammad Umair        | Department of Life Sciences |
| 141 | Global, regional, and national burden of disorders affecting the nervous system, 1990–2021: a systematic analysis for the Global Burden of Disease Study 2021   | The Lancet Neurolog | HEC W | 23  | Muhammad Umair        | Department of Life Sciences |
| 142 | Global, regional, and national burden of injuries, and burden attributable to injuries risk factors, 1990 to 2019: results from the Global Burden of Disease study 2019   | PUBLIC HEALTH       | HEC W | 237 | Muhammad Sohail Afzal | Department of Life Sciences |

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| 143 | Global, regional, and national stillbirths at 20 weeks' gestation or longer in 204 countries and territories, 1990–2021: findings from the Global Burden of Disease Study 2021   | Lancet                                  | HEC W | 404 | Muhammad Umair                         | Department of Life Sciences |
| 144 | Harnessing Bacillus subtilis QY5 PP784163 for Bioethanol Production from Potato Peel Waste and Nutrient Recovery for Animal Feed: Maximizing Resource Efficiency                 | Fermentation                            | HEC W | 10  | Uzair Ishtiaq                          | Department of Life Sciences |
| 145 | In silico and in vitro study of bioactive compounds from Allium sativum with PTEN: A novel target and promising source for cancer diagnostic potentials                          | Journal of King Saud University-Science | HEC W | 36  | Zain Abbas                             | Department of Life Sciences |
| 146 | Integrative bioinformatic analysis to identify potential phytochemical candidates for glioblastoma   | Heliyon                                 | HEC W | 10  | Hafiza Maria Usmani Rana, Haseeb Nisar | Department of Life Sciences |
| 147 | Interactions between HIV proteins and host restriction factors: implications for potential therapeutic intervention in HIV infection   | Frontiers in Immunology                 | HEC W | 15  | Hifza Iqbal                            | Department of Life Sciences |
| 148 | Investigation and characterization of changes in potato peels by thermochemical acidic pre-treatment for extraction of various compounds   | Scientific Reports                      | HEC W | 14  | Uzair Ishtiaq                          | Department of Life Sciences |
| 149 | Mortality and disability-adjusted life years in North Africa and Middle East attributed to kidney dysfunction: a systematic analysis for the Global Burden of Disease Study 2019 | Clinical Kidney Journal                 | HEC W | 17  | Muhammad Umair                         | Department of Life Sciences |

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| 150 | Shape controlled synthesis and crystal facet dependent gas sensitivity of tungsten oxide   | Surfaces and Interfaces  | HEC W | 54 | Muhammad Umair                      | Department of Life Sciences |
| 151 | The genetic cause of neurodevelopmental disorders in 30 consanguineous families  | Frontiers in Medicine  | HEC W | 11 | Muhammad Umair                      | Department of Life Sciences |
| 152 | Unveiling the power of TiO <sub>2</sub> doped ZnO nanomaterial as an effective antimicrobial solution in the leather industry        | Heliyon  | HEC W | 10 | Uzair Ishtiaq                       | Department of Life Sciences |
| 153 | Variants of NAV3, a neuronal morphogenesis protein, cause intellectual disability, developmental delay, and microcephaly             | Communications Biology   | HEC W | 7  | Muhammad Umair                      | Department of Life Sciences |
| 154 | Whole genome analysis of <i>Stenotrophomonas geniculata</i> MK2 and antagonism against <i>Botrytis cinerea</i> in strawberry         | International Microbiology   | HEC W |    | Mahnoor, Noor-Ul-Ain, Fatima Arshad | Department of Life Sciences |
| 155 | Air Pollution: Challenges to Human Health in Pakistan  | Journal of the College of Physicians and Surgeons-- Pakistan : JCPSP | HEC X | 34 | Dr Mohammad Perwaiz Iqbal           | Department of Life Sciences |
| 156 | Assessment of plastic degradation by indigenous bacteria from waste disposal sites   | Emerging Contaminants  | HEC X | 10 | Ghadir Ali                          | Department of Life Sciences |
| 157 | Effect on biomass production and phosphorus use efficiency of maize by using citric acid amended di-ammonium phosphate fertilizer    | Acta Ecologica Sinica  | HEC X |    | Muhammad Irfan Fareed               | Department of Life Sciences |
| 158 | GREEN INNOVATION STRATEGIES AND INDUSTRY 5.0S MULTIFUNCTIONAL ROLES FOR TRANSFORMING HEALTHCARE ORGANIZATIONS PERFORMANCE MANAGEMENT | Journal of Population Therapeutics & Clinical Pharmacology           | HEC X | 31 | Ms Anam Amir, Mehreen Fatima        | Department of Life Sciences |

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| 159 | IDENTIFICATION OF PREDISPOSING RISK FACTORS OF COVID-19 SEVERITY; A DESCRIPTIVE STUDY  | Journal of Population Therapeutics and Clinical Pharmacology | HEC X | 31 | Rana Muhammad Mateen, Dr Muhammad Sohail Afzal, Imran Tipu, Muhammad Arif Nadeem Sagib            | Department of Life Sciences |
| 160 | Lack of association between classical HLA genes and asymptomatic SARS-CoV-2 infection  | Human Genetics and Genomics Advances                         | HEC X | 5  | Imran Tipu  | Department of Life Sciences |
| 161 | Production of Polyhydroxyalkanoates (pha) by bacillus and pseudomonas on Cheap Carbon Substrates   | Brazilian Archives of Biology and Technology                 | HEC X | 67 | Noreen Iftikhar, Faiza Quddus, Navera Nadeem, Dr Iftikhar Ali, Muhammad Usama Raza, Muhammad Zaid | Department of Life Sciences |
| 162 | Relationship of adhesion molecules (ICAM-1 and E-selectin) with ABO blood groups in patients hospitalized with acute myocardial infarction             | Pakistan Journal of Medical Sciences                         | HEC X | 40 | Dr Mohammad Perwaiz Iqbal   | Department of Life Sciences |
| 163 | UNRAVELING THE TAPESTRY: A COMPREHENSIVE ANALYSIS OF ECHINOCOCCUS GRANULOSUS DIVERSITY IN PAKISTANI LIVESTOCK AND ITS IMPLICATIONS FOR PUBLIC HEALTH   | Journal of Population Therapeutics & Clinical Pharmacology   | HEC X | 31 | Ms Nabiha Naeem   | Department of Life Sciences |
| 164 | Unveiling the complexity of rifampicin drug susceptibility testing in Mycobacterium tuberculosis: comparative analysis with next-generation sequencing | Journal of Medical Microbiology                              | HEC X | 73 | Muhammad Akram  | Department of Life Sciences |

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| 165 | Frequency, distribution and determinants of <i>Helicobacter pylori</i> infection in adults and adolescents with gastric symptoms: cross-sectional epidemiological inquiry in district Haripur, Pakistan; [Frequência, distribuição e determinantes da infecção por <i>Helicobacter pylori</i> em adultos e adolescentes com sintomas gástricos: inquérito epidemiológico transversal no distrito de Haripur, Paquistão] | Brazilian Journal of Biology                              | HEC X | 84 | S. Kamran  | Department of Life Sciences |
| 166 | Genetic Signatures: CD44 Single-Nucleotide Polymorphisms Affect Cell Surface Expression and Elevate Risk in Head and Neck Squamous Cell Carcinoma   | JCO Global Oncology                                       | HEC X | 10 | Haseeb Nisar   | Department of Life Sciences |
| 167 | Whole genome sequencing (WGS) and genome mining of <i>Streptomyces</i> sp. AFD10 for antibiotics and bioactive secondary metabolites biosynthetic gene clusters (BGCs)  | Gene Reports  | HEC X | 37 | Yasir Rehman   | Department of Life Sciences |
| 168 | In-Silico analysis of the structural and functional impact of SNPs in adhesion molecules associated with cardio vascular disease and the effect of potential phytochemicals on these molecules  | The Journal of Microbiology and Molecular Genetics (JMMG) | HEC Y | 5  | Mureed Hussain, Dr Mohammad Perwaiz Iqbal, Koukab Imran, Mr Rana Muhammad Mateen | Department of Life Sciences |
| 169 | Mechanisms of Toxicity of Heavy Metals and the Microbial Strategies for their Mitigation: A Review.   | The Journal of Microbiology and Molecular Genetics        | HEC Y | 5  | Dr Yasir Rehman  | Department of Life Sciences |



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| 170 | Molecular Docking and Simulation of Azo Dye Binding with Laccase Peroxidase and Oxidoreductase in <i>Acinetobacter junii</i>  | Lahore Garrison University Journal of Life Sciences          | HEC Y | 8  | Sidra Ishaque, Hina Batool, Muhammad Zaid, Hareem Mohsin, Syeda Sheher Bano, Kaneez Fatima | Department of Life Sciences |
| 171 | Oncogenic miR-146a-PBX2 axis a novel leukemic target in xenograft acute lymphoblastic leukemia model  | International Journal of Applied and Experimental Biology    | HEC Y | 3  | Dr Haseeb Nisar  | Department of Life Sciences |
| 172 | Serum Levels of Biomarkers in COVID-19 Patients in a Hospital-based Population in Lahore  | LGU Journal of LIFE SCIENCES                                 | HEC Y | 8  | Dr Mohammad Perwaiz Iqbal, Mr. Muhammad Khurram, Irtiza Haider                             | Department of Life Sciences |
| 173 | Treatment response and adverse effects of direct acting antivirals among HCV patients carrying comorbid conditions  | Future Virology  | HEC-Y | 19 | Dur E Nishwa, Hafiza Arooba Riaz, Braira Wahid   | Department of Life Sciences |
| 174 | TRACHYSPERMUM AMMI AND CITRUS LIMON AMALGAM: A GATEWAY TO THE NATURAL MEDICATION  | journal of population therapeutics and clinical pharmacology | HEC X | 31 | Mehreen Fatima, Muhammad Aurangzaib  | Department of Life Sciences |
| 175 | A novel and secure image encryption scheme based on twodimensional logistic and Arnold Cat map  | Cluster Computing  | HEC W | 27 | Muhammad Akraam, Dr Tabasam Rashid, Sohail Zafar   | Department of Mathematics   |
| 176 | A novel approach employing hesitant intuitionistic fuzzy linguistic Einstein aggregation operators within the EDAS approach for multicriteria group decision making | Heliyon  | HEC W | 10 | Dr Tabasam Rashid  | Department of Mathematics   |
| 177 | A novel definition of the caputo fractional finite difference approach for Maxwell fluid  | Journal of Computational and Applied Mathematics             | HEC W | 43 | Dr Muhammad Imran Asjad  | Department of Mathematics   |

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| 178 | A novel probabilistic q-rung orthopair linguistic neutrosophic information-based method for rating nanoparticles in various sectors  | Scientific Reports                                 | HEC W | 14   | Abdul Wahab, Dr Muhammad Imran Asjad                        | Department of Mathematics |
| 179 | Analyzing optical solitary waves in Fokas system equation insight mono-mode optical fibres with generalized dynamical evaluation     | Optical and Quantum Electronics                    | HEC W | 56   | Azad Ali Sagher, Sheikh Zain Majid, Dr Muhammad Imran Asjad | Department of Mathematics |
| 180 | Anisotropic model observing pulsars from Neutron Star Interior Composition with modified Van der Waals equation of state             | The European Physical Journal C                    | HEC W | 84   | Dr Syed Ali Mardan Azmi, A. Khalid, Rubab Manzoor           | Department of Mathematics |
| 181 | Anisotropic stellar modeling via MIT Bag model EoS admitting Finch-Skea spacetime in $f(R)$ gravity                                  | The European Physical Journal Plus                 | HEC W | 139  | Allah Ditta   | Department of Mathematics |
| 182 | Approximation theorems for G-nonexpansive mappings in convex metric spaces by three step iterations                                  | Alexandria Engineering Journal                     | HEC W | 102  | Dr Naeem Saleem   | Department of Mathematics |
| 183 | Best Proximity Point Results for Fuzzy Proximal Quasi Contractions with Applications   | Mathematics  | HEC W | 12   | Muzammil Ali, Dr Basit Ali                                  | Department of Mathematics |
| 184 | Boundedness and Positivity Preserving Numerical Analysis of a Fuzzy-Parameterized Delayed Model for Foot and Mouth Disease Dynamics. | Computer Modeling in Engineering & Sciences (CMES) | HEC W | 141  | Muhammad Tashfeen, Fazal Dayan, Dr Muhammad Aziz Ur Rehman  | Department of Mathematics |
| 185 | Cognitive Analysis of Neural Networks Using Fractional Metric Dimension and Applications   | IEEE Access  | HEC W | 12   | Faiza Jamil, Dr. Agha Kashif Arshad Khan, Sohail Zafar      | Department of Mathematics |
| 186 | Common Attractors of Generalized Hutchinson-Wardowski Contractive Operators  | fractal and fractional                             | HEC W | 2024 | Bilal Iqbal, Dr Naeem Saleem                                | Department of Mathematics |
| 187 | Computing dominant metric dimensions of certain connected networks   | Heliyon  | HEC W | 10   | Imtiaz Ali, Dr Muhammad Javaid                              | Department of Mathematics |

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| 188 | Control the smog using strong picture fuzzy influence pair domination number   | Journal of Applied Mathematics and Computing | HEC W |    | Tabasam Rashid, Fahad Ur Rehman, Dr. Muhammad Tanveer Hussain                  | Department of Mathematics |
| 189 | Corrections to Edge Version of Doubly Resolving Sets for Grid and Generalized Prism Networks                                     | IEEE Access                                  | HEC W | 12 | Ruby Nasir, Muhammad Ahmad, Zohaib Zahid, Dr Muhammad Javaid                   | Department of Mathematics |
| 190 | Cosine and cotangent similarity measures for intuitionistic fuzzy hypersoft sets with application in MADM problem                | Heliyon                                      | HEC W | 10 | Muhammad Naveed Jafar, Muhammad Saeed, Ayesha Saeed, Aleen Ijaz, Mobeen Ashraf | Department of Mathematics |
| 191 | Dual-hesitant fermatean fuzzy Hamacher aggregation operators and TOPSIS with their application to multi-criteria decision-making | PLoS ONE                                     | HEC W |    | Muhammad Amman, Dr Tabasam Rashid, Asif Ali                                    | Department of Mathematics |
| 192 | Edge Version of Doubly Resolving Sets for Grid and Generalized Prism Networks  | IEEE Access                                  | HEC W |    | Ruby Nasir, Muhammad Ahmad, Dr Zohaib Zahid, Muhammad Javaid                   | Department of Mathematics |
| 193 | Edge-Version of Fault-Tolerant Resolvability in Networks   | IEEE Access                                  | HEC W | 13 | Muhammad Faheem, Muhammad Ahmad, Zohaib Zahid, Dr Muhammad Javaid              | Department of Mathematics |
| 194 | Exploring optical solitary wave solutions in the (2+1)-dimensional equation with in-depth of dynamical assessment                | Heliyon                                      | HEC W | 10 | Hira Ashaq, Sheikh Zain Majid, Dr Muhammad Imran Asjad                         | Department of Mathematics |
| 195 | Fault-tolerant partition resolvability of cycle with chord   | PLoS ONE                                     | HEC W | 19 | Dr Sohail Zafar  | Department of Mathematics |

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| 196 | Framework for charged compact objects admitting conformal motion in higher dimension   | PLOS ONE                              | HEC W |     | A. Zahra, Dr Syed Ali Mardan Azmi, Dr Rubab Manzoor          | Department of Mathematics |
| 197 | Gravitational collapse of relativistic compact objects in higher dimension   | European Physical Journal Plus        | HEC W | 139 | A. Zahra, Dr Syed Ali Mardan Azmi, Dr Rubab Manzoor          | Department of Mathematics |
| 198 | Impact of symmetric teleparallel gravity on charged stars exhibiting dark energy background  | Physics of the Dark Universe          | HEC W | 46  | Allah Ditta  | Department of Mathematics |
| 199 | Innovative player evaluation: Dual-possibility Pythagorean fuzzy hypersoft sets for accurate international football rankings                   | Heliyon                               | HEC W | 10  | Saraj Khan, Dr Muhammad Imran Asjad, Abdul Wahab, Hira Ashaq | Department of Mathematics |
| 200 | Intelligent faculty evaluation and ranking system based on N-framed plithogenic fuzzy hypersoft set and extended NR-TOPSIS                     | Alexandria Engineering Journal        | HEC W | 109 | Dr. Usman Afzal, Muhammad Rayees Ahmad                       | Department of Mathematics |
| 201 | Linear Diophantine Fuzzy Clustering Algorithm Based on Correlation Coefficient and Analysis on Logistic Efficiency of Food Products            | IEEE Access                           | HEC W | 12  | Dr Muhammad Saeed  | Department of Mathematics |
| 202 | Memory Based Approaches to One-Dimensional Nonlinear Models  | Acta Applicandae Mathematicae         | HEC W | 195 | Amir Naseem, Dr Muhammad Aziz Ur Rehman                      | Department of Mathematics |
| 203 | Metric Dimension of Nonplanar Networks by Fractional Technique With Application  | IEEE Access                           | HEC W | 12  | Arooba Fatima, Dr Muhammad Javaid                            | Department of Mathematics |
| 204 | New soliton solutions of ion dynamics on acoustic dusty plasma   | Alexandria Engineering Journal        | HEC W | 104 | Dr. Usman Afzal  | Department of Mathematics |
| 205 | NUMERICAL STUDY OF BIOCONVECTION AND CATTANEO-CHRISTOV HEAT FLUX MODEL IN MHD MAXWELL NANOFLUID FLOW OVER A VARIABLE THICKNESS ELASTIC SURFACE | Applied and Computational Mathematics | HEC W | 23  | Saif ur Rehman, Dr Muhammad Imran Asjad                      | Department of Mathematics |

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| 206 | Physically viable solutions of anisotropic hybrid stars in $f(T)$ gravity: an embedding approach  | The European Physical Journal Plus | HEC W | 139  | Dr Rubab Manzoor, M. Awais Sadiq, Muhammad Aamir             | Department of Mathematics |
| 207 | Propagation of solitary wave in micro-crystalline materials   | Results in Physics                 | HEC W | 58   | Umair Asghar, Dr Muhammad Imran Asjad                        | Department of Mathematics |
| 208 | Robustness in Mesh Networks Using Connected Safe Set and Applications   | IEEE Access                        | HEC W | 12   | Rakib Iqbal, Dr. Agha Kashif Arshad Khan, Sohail Zafar       | Department of Mathematics |
| 209 | Stability of evolving cluster of stars and exotic matter  | The European Physical Journal C    | HEC W | 84   | Wasee Shahid, Dr Rubab Manzoor, Dr Syed Ali Mardan Azmi      | Department of Mathematics |
| 210 | Strong and Weak Convergence Theorems for the Split Feasibility Problem of $(\tilde{A}^2 k)$ -Enriched Strict Pseudocontractive Mappings with an Application in Hilbert Spaces | Symmetry                           | HEC W | 2024 | Dr Naeem Saleem  | Department of Mathematics |
| 211 | Strong pair domination number in intuitionistic fuzzy influence graphs with application for the selection of hospital having the optimal medical facilities                   | Expert Systems With Applications   | HEC W | 238  | Fahad Ur Rehman, Muhammad Tanveer Hussain, Dr Tabasam Rashid | Department of Mathematics |
| 212 | Testing the non-commutative charged Schwarzschild black hole surrounded by perfect fluid dark matter for thermodynamical features and weak gravitational lensing              | Physics of the Dark Universe       | HEC W | 46   | Allah Ditta  | Department of Mathematics |
| 213 | The conserved vectors and solitonic propagating wave patterns formation with Lie symmetry infinitesimal algebra   | Optical and Quantum Electronics    | HEC W | 56   | Umair Asghar, Dr Muhammad Imran Asjad, Waqas Ali Faridi      | Department of Mathematics |

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| 214 | Thermal chemistry of Anti-de-Sitter black holes in Kalb-Ramond gravity   | Journal of High Energy Astrophysics                         | HEC W | 45   | Allah Ditta                          | Department of Mathematics |
| 215 | Topological numbers of fuzzy soft graphs and their application   | Information Sciences  | HEC W | 667  | Dr Muhammad Saeed                    | Department of Mathematics |
| 216 | Wave analysis in generalized fractional Tzitzica-type nonlinear PDEs: Contributions to nonlinear sciences  | Alexandria Engineering Journal                              | HEC W | 92   | Naeem Ullah, Dr Muhammad Imran Asjad | Department of Mathematics |
| 217 | Well-Posedness of the Fixed Point Problem of Multifunctions of Metric Spaces   | Mathematics   | HEC W | 2024 | Dr Basit Ali                         | Department of Mathematics |
| 218 | Evaluation of Motorcycle Brands Using Multi-attribute Decision-Making Method Under Single-Valued Neutrosophic Cubic Hypersoft Set Environment                              | International Journal of Computational Intelligence Systems | HEC W | 17   | Atiqe Ur Rahman                      | Department of Mathematics |
| 219 | Evaluation of Tourist Destinations Carrying Capacity in a Decision-Making Context With Muirhead Means Aggregation Operator in q-Rung Orthopair Fuzzy Hypersoft Environment | IEEE Access   | HEC W | 12   | Muhammad Naveed Jafar                | Department of Mathematics |
| 220 | Evolution of non-static fluid for irreversible gravitational radiation in Palatini F(R) gravity  | Physics of the Dark Universe                                | HEC W | 46   | M. Yousaf                            | Department of Mathematics |
| 221 | Exploring the nonlinear behavior of solitary wave structure to the integrable Kairat-X equation  | AIP Advances  | HEC W | 14   | Waqas Ali Faridi                     | Department of Mathematics |
| 222 | Finite element simulation of the partial differential equations for significance of Coriolis force in magneto-hydrodynamic fluid via microgravity environment              | Alexandria Engineering Journal                              | HEC W | 104  | Imran Siddique                       | Department of Mathematics |

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| 223 | From Halley to Secant: Redefining root finding with memory-based methods including convergence and stability  | Mathematical Methods in the Applied Sciences | HEC W | 47 | Amir Naseem                        | Department of Mathematics |
| 224 | Fuzzy black hole models in f ( G ) Gravity  | PHYSICA SCRIPTA                              | HEC W | 99 | Muhammad Yousaf, H. Asad           | Department of Mathematics |
| 225 | Heat transfer analysis of single-walled carbon nanotubes in Ellis's fluid model: Comparative study of uniform and non-uniform channels                      | Case Studies in Thermal Engineering          | HEC W | 54 | Muhammad Irfan                     | Department of Mathematics |
| 226 | Hydrodynamical study of couple stress fluid flow in a linearly permeable rectangular channel subject to Darcy porous medium and no-slip boundary conditions | Alexandria Engineering Journal               | HEC W | 91 | Saif Ur Rehman                     | Department of Mathematics |
| 227 | Innovative thermal management in the presence of ferromagnetic hybrid nanoparticles   | Scientific Reports                           | HEC W | 14 | Saraj Khan, Muhammad Imran Asjad   | Department of Mathematics |
| 228 | Melting rheology of Prandtl Eyring hybrid nanofluid flow with slip condition past a Riga Wedge through Darcy-Forchheimer medium                             | Case Studies in Thermal Engineering          | HEC W | 62 | Irfan Saif Ud Din                  | Department of Mathematics |
| 229 | Novel derivative operational matrix in Caputo sense with applications   | Journal of Taibah University for Science     | HEC W | 18 | Danish Zaidi, Muhammad Bilal Riaz  | Department of Mathematics |
| 230 | Novel Distance Measures of Picture Fuzzy Sets and Their Applications  | Arabian Journal for Science and Engineering  | HEC W | 49 | Atiqe Ur Rahman                    | Department of Mathematics |
| 231 | Novel soliton solutions of liquid drop model appear in fluid dynamics and modulation instability of dynamical system  | Indian Journal of Physics                    | HEC W | 99 | Umair Asghar, Muhammad Imran Asjad | Department of Mathematics |
| 232 | Optimizing Environmental Impact: MCDM-Based Approaches for Petrochemical Industry Emission Cuts   | IEEE Access                                  | HEC W | 12 | Muhammad Ahsan                     | Department of Mathematics |

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| 233 | pq-Simpson's Type Inequalities Involving Generalized Convexity and Raina's Function   | Symmetry   | HEC W | 16  | Ghulam Murtaza Baig           | Department of Mathematics |
| 234 | Selection of artificial intelligence provider via multi-attribute decision-making technique under the model of complex intuitionistic fuzzy rough sets              | AIMS Mathematics   | HEC W | 9   | Ubaid ur Rehman               | Department of Mathematics |
| 235 | Significance of dust particles volume fraction to optimization of entropy in magnetohydrodynamic mixed convection flow via inclined surface                         | Journal of Molecular Liquids   | HEC W | 394 | Imran Siddique, Iqra Saman    | Department of Mathematics |
| 236 | Significance of stratification and Lorentz force on the transport phenomena of gyrotactic microorganisms in tangent hyperbolic nanofluid with Darcy–Forchheimer law | Journal of Thermal Analysis and Calorimetry  | HEC W | 149 | Fatima Nageen, Saif Ur Rehman | Department of Mathematics |
| 237 | Significance of tri-hybrid nanoparticles in thermal management subject to magnetized squeezing flow of a Boger-micropolar nanofluid between concentrating disks     | Journal of Molecular Liquids   | HEC W | 397 | Iqra Saman                    | Department of Mathematics |
| 238 | Significance of tri-hybrid nanoparticles on the dynamics of Ellis rotating nanofluid with thermal stratification  | ZAMM-Journal of Applied Mathematics and Mechanics/Zeitschrift für Angewandte Mathematik und Mechanik | HEC W | 104 | Iqra Saman                    | Department of Mathematics |
| 239 | Soliton wave profiles and dynamical analysis of fractional Ivancevic option pricing model   | Scientific Reports   | HEC W | 14  | Waqas Ali Faridi              | Department of Mathematics |
| 240 | Some Generalized Neutrosophic Metric Spaces and Fixed Point Results with Applications   | Symmetry   | HEC W | 16  | Khaleel Ahmad                 | Department of Mathematics |



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| 241 | Special function form solutions of multiparameter generalized Mittag-Leffler kernel based bio-heat fractional order model subject to thermal memory shocks        | PLoS One                           | HEC W | 19  | Aziz Ur Rehman                         | Department of Mathematics |
| 242 | The fractional solitary wave profiles and dynamical insights with chaos analysis and sensitivity demonstration  | Results in Physics                 | HEC W | 65  | Waqas Ali Faridi                       | Department of Mathematics |
| 243 | The fractional soliton solutions of the dynamical system of equations for ion sound and Langmuir waves: a comparative analysis                                    | Scientific Reports                 | HEC W | 14  | Waqas Ali Faridi, Muhammad Imran Asjad | Department of Mathematics |
| 244 | The generalized soliton wave structures and propagation visualization for Akbota equation   | Zeitschrift für Naturforschung A   | HEC W | 79  | Waqas Ali Faridi, Muhammad Abu Bakar   | Department of Mathematics |
| 245 | The propagation of hypergeometric optical soliton waves in plasma dynamics for the integrable Zhanbota-IIA equation   | Modern Physics Letters B           | HEC W |     | Waqas Ali Faridi                       | Department of Mathematics |
| 246 | The study of phase portraits, multistability visualization, Lyapunov exponents and chaos identification of coupled nonlinear volatility and option pricing model  | The European Physical Journal Plus | HEC W | 139 | Waqas Ali Faridi                       | Department of Mathematics |
| 247 | Theoretical study of silver nanoparticle suspension in electroosmosis flow through a nonuniform divergent channel with compliant walls: A therapeutic application | Alexandria Engineering Journal     | HEC W | 86  | Muhammad Ir fan                        | Department of Mathematics |
| 248 | Time delayed fractional diabetes mellitus model and consistent numerical algorithm  | Scientific Reports                 | HEC W | 14  | Mudassar Rafique, Aziz Ur Rehman       | Department of Mathematics |

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| 249 | Two distinct algorithms for conformable time-fractional nonlinear Schrödinger equations with Kudryashov's generalized non-local nonlinearity and arbitrary refractive index | Optical and Quantum Electronics             | HEC W | 56   | Waqas Ali Faridi   | Department of Mathematics |
| 250 | A decision-making proposal for Pythagorean fuzzy hypersoft matrix to deal with real-life investment problems  | Mathematical Foundations of Computing       | HEC X |      | Muhammad Amman, Dr Tabasam Rashid, Asif Ali                | Department of Mathematics |
| 251 | A Dynamical Study of Modeling the Transmission of Typhoid Fever through Delayed Strategies  | Computer Modeling in Engineering & Sciences | HEC X | 141  | Muhammad Tashfeen, Fazal Dayan, Dr Muhammad Aziz Ur Rehman | Department of Mathematics |
| 252 | Anisotropic stellar evolution and exotic matter   | Physica Scripta                             | HEC X | 99   | Dr Rubab Manzoor, Aneesa Zulfiqar                          | Department of Mathematics |
| 253 | Approximating fixed points of weak enriched contractions using Kirk's iteration scheme of higher order  | Journal of Inequalities and Applications    | HEC X | 2024 | Dr Naeem Saleem  | Department of Mathematics |
| 254 | Best proximity points for alternative p-contractions  | Journal of Inequalities and Applications    | HEC X | 2024 | Dr Naeem Saleem  | Department of Mathematics |
| 255 | Characterizing edge-based doubly resolving sets within circulant networks $C_n(1, 2)$   | AIMS Mathematics                            | HEC X | 9    | Ruby Nasir, Muhammad Ahmad, Dr Zohaib Zahid                | Department of Mathematics |
| 256 | Convergence of Fibonacci's Ishikawa iteration procedure for monotone asymptotically nonexpansive mappings   | Journal of Inequalities and Applications    | HEC X | 2024 | Dr Naeem Saleem  | Department of Mathematics |
| 257 | Distance-Based Fractional Dimension of Certain Wheel Networks   | Journal of Mathematics                      | HEC X | 2024 | Hassan Zafar, Dr Muhammad Javaid                           | Department of Mathematics |

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| 258 | Dynamics of Cylindrical Collapse in Palatini Gravity  | Advances in Astronomy                                      | HEC X | 2024 | Ms Sana Saleem, Dr Rubab Manzoor, Dr Syed Ali Mardan Azmi, Sundas Shahzadi | Department of Mathematics |
| 259 | Extremal unicyclic graphs with fixed leaves via Sombor index  | Journal of Discrete Mathematical Sciences and Cryptography | HEC X |      | Saira Javed, Aqsa Sattar, Dr Muhammad Javaid                               | Department of Mathematics |
| 260 | FAULT-TOLERANT PARTITION RESOLVABILITY OF CHEMICAL CHAINS   | TWMS Journal of Applied and Engineering Mathematics        | HEC X | 14   | Dr Sohail Zafar, Dr. Agha Kashif Arshad Khan                               | Department of Mathematics |
| 261 | Fixed point results for generalized convex orbital Lipschitz operators  | Demonstratio Mathematica                                   | HEC X | 57   | Dr Naeem Saleem  | Department of Mathematics |
| 262 | Formation of solitary waves solutions and dynamic visualization of the nonlinear schrödinger equation with efficient techniques                   | Physica Scripta  | HEC X | 99   | Sheikh Zain Majid, Muhammad Imran Asjad, Waqas Ali Faridi                  | Department of Mathematics |
| 263 | Fractional strong metric dimension of convex polytopes and its applications   | Hacetatepe Journal of Mathematics and Statistics           | HEC X |      | Faiza Jamil, Dr. Agha Kashif Arshad Khan, Dr Sohail Zafar                  | Department of Mathematics |
| 264 | Investigating optical soliton pattern and dynamical analysis of Lonngren wave equation via phase portraits  | Partial Differential Equations in Applied Mathematics      | HEC X | 11   | Muhammad Iqbal, Dr Muhammad Aziz Ur Rehman                                 | Department of Mathematics |
| 265 | Investigation of Space-Time Dynamics of Akbota Equation using Sardar Sub-Equation and Khater Methods: Unveiling Bifurcation and Chaotic Structure | International Journal of Theoretical Physics               | HEC X | 63   | Muhammad Iqbal, Dr Muhammad Aziz Ur Rehman                                 | Department of Mathematics |

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| 266 | Matter-Curvature Effects Upon the Dissipative Viscous Collapse of Massive Stellar Object  | International Journal of Geometric Methods in Modern Physics | HEC X |      | Dr Rubab Manzoor, Ms Sana Saleem, Wasee Shahid, Dr Syed Ali Mardan Azmi, Imran Ahmad | Department of Mathematics |
| 267 | Modeling uncertainties associated with multi-attribute decision-making based evaluation of cooling system using interval-valued complex intuitionistic fuzzy hypersoft settings | AIMS Mathematics   | HEC X | 9    | Muhammad Arshad, Muhammad Saeed, Atiqe Ur Rahman                                     | Department of Mathematics |
| 268 | Novel solitonic structure Hamiltonian dynamics and lie symmetry algebra of biofilm  | Partial Differential Equations in Applied Mathematics        | HEC X | 9    | Umair Asghar, Dr Muhammad Imran Asjad, Waqas Ali Faridi                              | Department of Mathematics |
| 269 | On the Comparative Analysis among Topological Indices for Rhombus Silicate and Oxide Structures   | Journal of Mathematics                                       | HEC X | 2024 | Aqsa Sattar, Dr Muhammad Javaid  | Department of Mathematics |
| 270 | Optimizing SNARK networks via double metric dimension   | AIMS Mathematics   | HEC X | 9    | Muhammad Ahmad, Muhammad Faheem, Dr Zohaib Zahid, Dr Muhammad Javaid                 | Department of Mathematics |
| 271 | Soft algebraic structures embedded with soft members and soft elements: an abstract approach  | Journal of Mathematics and Computer Science                  | HEC X | 33   | Dr Muhammad Saeed, Imrana Shafique, Atiqe Ur Rahman                                  | Department of Mathematics |
| 272 | Solutions for anisotropic dissipative collapse in $f(R)$ gravity  | New Astronomy  | HEC X | 106  | Dr Rubab Manzoor, Umair Sarwar   | Department of Mathematics |
| 273 | Some multidimensional fixed point theorems for nonlinear contractions in C-distance spaces with applications  | Journal of Inequalities and Applications                     | HEC X | 2024 | Dr Naeem Saleem  | Department of Mathematics |

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| 274 | S-Pata-type contraction: a new approach to fixed-point theory with an application  | Journal of Inequalities and Applications                       | HEC X | 2024 | Dr Naeem Saleem                 | Department of Mathematics |
| 275 | Finite element simulations of Herschel-Bulkley viscoplastic materials over a cylinder: Drag and lift correlation analysis                              | Modern Physics Letters B                                       | HEC X | 38   | Imran Siddique                  | Department of Mathematics |
| 276 | Identification of feature selection techniques for software defect prediction by using BCF-WASPAS methodology based on Einstein operators              | International Journal of Intelligent Computing and Cybernetics | HEC X | 18   | Ubaid ur Rehman                 | Department of Mathematics |
| 277 | Impact of Radial Perturbations on Expansion-free Anisotropic Fluid Spheres in D-dimensional Modified Gravity   | International Journal of Theoretical Physics                   | HEC X | 63   | M. Yousaf                       | Department of Mathematics |
| 278 | Influence of multi-stratification and multi-slip on the radiative MHD flow of Carreau fluid  | International Journal of Modern Physics B                      | HEC X | 38   | Imran Siddique                  | Department of Mathematics |
| 279 | Investigation of heat transfer phenomenon in a complex wavy divergent channel under the effects of thermal radiation, joule heating and electroosmosis | Numerical Heat Transfer  | HEC X |      | Muhammad Irfan                  | Department of Mathematics |
| 280 | MHD Radiative Casson Fluid Flow with Ramped Influence through a Porous Media via Constant Proportional Caputo Approach                                 | International Journal of Theoretical Physics                   | HEC X | 63   | Aziz Ur Rehman                  | Department of Mathematics |
| 281 | Multi-attribute decision-making based on aggregations and similarity measures of neutrosophic hypersoft sets with possibility setting                  | Journal of Experimental & Theoretical Artificial Intelligence  | HEC X | 36   | Atiqe Ur Rahman, Muhammad Saeed | Department of Mathematics |

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| 282 | Multi-Attribute Decision-Making Method for the Assessment of Research Productivity Using Entropy Measures of Complex Fermatean Fuzzy Soft Sets                             | Fuzzy Information and Engineering   | HEC X | 16  | Atiqe Ur Rahman                      | Department of Mathematics |
| 283 | Natural Convection and Irreversibility of Nanofluid Due to Inclined Magnetohydrodynamics (MHD) Filled in a Cavity with Y-Shape Heated Fin: FEM Computational Configuration | Computer Modeling in Engineering & Sciences   | HEC X | 139 | Imran Siddique                       | Department of Mathematics |
| 284 | Novel exact traveling wave solutions of the space-time fractional Sharma Tasso-Olver equation via three reliable methods   | Partial Differential Equations in Applied Mathematics   | HEC X | 11  | Khush Bukht Mehdi                    | Department of Mathematics |
| 285 | Numerical analysis of thermosolutal Marangoni convection, and non-linear heat generation flow of chemically reactive nanofluid through Darcy-Forchheimer media             | Proceedings of the Institution of Mechanical Engineers, Part N: Journal of Nanomaterials, Nanoengineering and Nanosystems | HEC X |     | Abdul Qadeer Malik                   | Department of Mathematics |
| 286 | Numerical Investigation with Convergence and Stability Analyses of Integro-Differential Equations of Second Kind   | International Journal of Computational Methods  | HEC X | 21  | Muzaher Ali                          | Department of Mathematics |
| 287 | Significance of quadratic density variation on the heat transport phenomena in Careau dusty fluid subject to Lorentz force via stretching surface                          | International Journal of Thermofluids   | HEC X | 22  | Saif Ur Rehman, Muhammad Zahid       | Department of Mathematics |
| 288 | Significance role of dual porosity and interfacial nanolayer mechanisms on hybrid nanofluids flow: A symmetry flow model   | Modern Physics Letters B  | HEC X | 38  | Imran Siddique                       | Department of Mathematics |
| 289 | THE CONSTRUCTION OF ANALYTICAL EXACT SOLITON WAVES OF KURALAY EQUATION   | acta mechanica et automatica  | HEC X | 18  | Waqas Ali Faridi, Muhammad Abu Bakar | Department of Mathematics |

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| 290 | The effects of bioconvection, non-Fourier heat flux, and thermal radiations on Williamson nanofluids and Maxwell nanofluids transportation with prescribed thermal conditions | ZAMM-Journal of Applied Mathematics and Mechanics/Zeitschrift für Angewandte Mathematik und Mechanik | HEC X | 104  | Saima Afzal, Imran Siddique                        | Department of Mathematics |
| 291 | The q-rung orthopair fuzzy-valued neutrosophic sets: Axiomatic properties, aggregation operators and applications   | AIMS mathematics   | HEC X | 9    | Atiqe Ur Rahman                                    | Department of Mathematics |
| 292 | Unified approach to nonlinear Caputo fractional derivative boundary value problems: extending the upper and lower solutions method  | Journal of Mathematics and Computer Science  | HEC X | 37   | Asmat Batool                                       | Department of Mathematics |
| 293 | Unified existence results for nonlinear fractional boundary value problems  | AIMS Mathematics   | HEC X | 9    | Asmat Batool                                       | Department of Mathematics |
| 294 | An intelligent fuzzy parameterized MADM-approach to optimal selection of electronic appliances based on neutrosophic hypersoft expert set                                     | Neutrosophic Sets and Systems  | HEC Y | 53   | Muhammad Ihsan, Dr Muhammad Saeed, Atiqe Ur Rahman | Department of Mathematics |
| 295 | Connection-Based Zagreb Indices of Polycyclic Aromatic Hydrocarbons Structures  | Current Organic Synthesis  | HEC Y | 2023 | Muhammad Usman, Dr Muhammad Javaid                 | Department of Mathematics |
| 296 | Decoding Nonsteroidal Anti-inflammatory Drugs with Sombor Invariants: A Quantum Leap in QSPR Modeling   | Utilitas Mathematica   | HEC Y | 119  | Dr Abaid Ur Rehman Virk                            | Department of Mathematics |
| 297 | Dynamical analysis of solitons solutions of a nonlinear model with anti-cubic nonlinearity and Sardar-subequation method  | International Journal of Applied Nonlinear Science   | HEC Y | 4    | Dr Muhammad Imran Asjad, Naeem Ullah               | Department of Mathematics |
| 298 | FRACTIONAL OPTIMAL CONTROL APPROACH TO THE DIABETICS MODEL  | Journal of Applied Mathematics and Computational Mechanics   | HEC Y | 23   | Dr Muhammad Imran Asjad                            | Department of Mathematics |

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| 299 | Intuitionistic Fuzzy Z-Contraactions and Common Fixed Points with Applications  | EUROPEAN JOURNAL OF PURE AND APPLIED MATHEMATICS                 | HEC Y | 17  | Dr Naeem Saleem  | Department of Mathematics |
| 300 | On Comparing Rhombus Oxide and Silicate Networks via Zagreb Connection Indices  | Punjab University Journal of Mathematics                         | HEC Y | 56  | Aqsa Sattar, Dr Muhammad Javaid  | Department of Mathematics |
| 301 | On finite groups with $\sigma$ -(sigma)-subnormal Schmidt subgroups   | Algebra and Discrete Mathematics                                 | HEC Y |     | Dr. Muhammad Tanveer Hussain   | Department of Mathematics |
| 302 | On Minimal Edge Version of Doubly Resolving Sets of a Graph   | Journal of Combinatorial Mathematics and Combinatorial Computing | HEC Y | 119 | Muhammad Ahmad, Zohaib Zahid, Dr Sohail Zafar                                  | Department of Mathematics |
| 303 | On nearly $\sigma$ -normal subgroups of finite groups   | Algebra and Discrete Mathematics                                 | HEC Y |     | Dr. Muhammad Tanveer Hussain   | Department of Mathematics |
| 304 | Theoretical Analysis and Numerical Simulation of the Transmission Dynamics of Monkeypox Virus: A Common Disease in Central and West Africa              | Journal of Pioneering Medical Sciences                           | HEC Y | 13  | Fazal Dayan, Dr Muhammad Aziz Ur Rehman, Abaid ur Rehman Virk, Samiullah Salim | Department of Mathematics |
| 305 | THE HOMOTOPY PERTURBATION METHOD FOR ELECTRICALLY ACTUATED MICROBEAMS IN MEMS SYSTEMS SUBJECTED TO VAN DER WAALS FORCE AND MULTIWALLED CARBON NANOTUBES | acta mechanica et automatica                                     | HEC-Y | 18  | Asifa Ashraf   | Department of Mathematics |
| 306 | THE VARIATIONAL ITERATION METHOD FOR A PENDULUM WITH A COMBINED TRANSLATIONAL AND ROTATIONAL SYSTEM   | acta mechanica et automatica                                     | HEC-Y | 18  | Asifa Ashraf   | Department of Mathematics |



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|-----|--|--|-------|-----|--|--|
| 307 | Thermal and Flow Properties of Jeffrey Fluid Through Prabhakar Fractional Approach: Investigating Heat and Mass Transfer with Emphasis on Special Functions                    | International Journal of Applied and Computational Mathematics | HEC-Y | 10  | Aziz Ur Rehman   | Department of Mathematics  |
| 308 | A Risk Analysis-Based Multi-Attribute Decision-Making Framework for Supply Chain Management Using Hypersoft Mappings   | IEEE Access  | HEC W | 12  | Atiqe Ur Rahman, Muhammad Saeed                              | Department of Mathematics  |
| 309 | A robust framework for the selection of optimal COVID-19 mask based on aggregations of interval-valued multi-fuzzy hypersoft sets  | Expert Systems with Applications                               | HEC W | 238 | Muhammad Arshad, Muhammad Saeed, Atiqe Ur Rahman             | Department of Mathematics  |
| 310 | An intuitionistic fuzzy hypersoft expert set-based robust decision-support framework for human resource management integrated with modified TOPSIS and correlation coefficient | Journal of Intelligent and Fuzzy Computing and Applications    | HEC W | 36  | Muhammad Ihsan, Muhammad Saeed, Atiqe Ur Rahman              | Department of Mathematics  |
| 311 | Construction of highly non linear component of block cipher based on mclaurin series and mellin transformation with application in image encryption                            | Multimedia Tools and Applications                              | HEC W | 83  | Imran Siddique, Muhammad Asif                                | Department of Mathematics  |
| 312 | Development of an Investment Sector Selector Using a TOPSIS Method Based on Novel Distances and Similarity Measures for Picture Fuzzy Hypersoft Sets                           | IEEE Access  | HEC W | 12  | Muhammad Imran Harl, Dr Muhammad Saeed, Muhammad Haris Saeed | Department of Mathematics, Department of Chemistry               |
| 313 | Coating of pseudo-plastic material in reverse roll-coating: Mathematical analysis  | International Journal of Modern Physics B                      | HEC X | 38  | Imran Siddique, Aimen Akram, Shaukat Iqbal                   | Department of Mathematics, Department of Informatics and Systems |
| 314 | A DFT approach to correlate the physical characteristics of novel chalcopyrites ASbN <sub>2</sub> (A= Li Na) for green technology  | RSC advances   | HEC W | 14  | Dr Qurat Ul Ain  | Department of Physics  |



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| 322 | Exploring the physical properties of Mn <sub>2</sub> VSi and Mn <sub>2</sub> VGe Heusler alloys under high pressure conditions: a theoretical investigation using GGA and TB-mBJ calculation  | Physica Scripta  | HEC W | 99  | Shamsa Kanwal, Dr Muhammad Imran Jamil  | Department of Physics |
| 323 | First-principles analysis to assess the solar water splitting and hydrogen storage capabilities of Cs <sub>2</sub> XGaH <sub>6</sub> (X= Al Na)   | International Journal of Hydrogen Energy   | HEC W | 83  | Hudabia Murtaza, Dr Qurat Ul Ain        | Department of Physics |
| 324 | First-principles investigations on the structural optoelectronic mechanical and transport properties of new stable lead-free double perovskites Cs <sub>2</sub> BB <sub>2</sub> X <sub>6</sub> (B = Ag/Rb B <sub>2</sub> = Bi/Ga) halides | Materials Science and Engineering B: Solid-State Materials for Advanced Technology | HEC W | 301 | Dr Qurat Ul Ain                         | Department of Physics |
| 325 | First-Principles Prediction of the Optoelectronic Mechanical Thermodynamic and Hydrogen Storage Attributes of Double Perovskite Rb <sub>2</sub> NaXH <sub>6</sub> (X = Al In) Hydrides  | Journal of Inorganic and Organometallic Polymers and Materials                     | HEC W |     | Hudabia Murtaza, Dr Qurat Ul Ain        | Department of Physics |
| 326 | First-Principles Scrutiny of Double Perovskite Halides A <sub>2</sub> AlAuCl <sub>6</sub> (A Cs K Rb): Potential Contenders for Renewable Energy  | Arabian Journal for Science and Engineering  | HEC W |     | Dr Qurat Ul Ain                         | Department of Physics |
| 327 | Investigations of the Structural Mechanical and Optoelectronic Attributes of Rb <sub>2</sub> TlB <sub>2</sub> X <sub>6</sub> (B <sub>2</sub> = As Ga) Double Perovskites for Photovoltaics  | Journal of Inorganic and Organometallic Polymers and Materials                     | HEC W |     | Dr Qurat Ul Ain, Hudabia Murtaza        | Department of Physics |
| 328 | Phase formation and dielectric properties of MgFe <sub>2</sub> O <sub>4</sub> nanoparticles synthesized by hydrothermal technique   | Heliyon  | HEC W | 10  | Muhammad Tahir, Dr. Zaheer Hussain Shah | Department of Physics |

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| 329 | Predictive analysis of the physical characteristics of mechanically stable Cs <sub>2</sub> RbBa <sub>1-x</sub> I <sub>6</sub> (Ba <sup>2+</sup> = Al Ge Ti) for photovoltaics and optoelectronic applications: a DFT study | Journal of Materials Research                 | HEC W |      | Dr Qurat Ul Ain, Hudabia Murtaza  | Department of Physics |
| 330 | Scrutinize the physical attributes of thermodynamically and elastically stable double perovskite oxides Ba <sub>2</sub> CdXO <sub>6</sub> (X = Mo U) for optoelectronics photocatalytic and green technology               | Computational Materials Science               | HEC W | 232  | Hudabia Murtaza, Dr Qurat Ul Ain  | Department of Physics |
| 331 | Spin-polarized analysis of the magneto-electronic mechanical and optical response of double perovskites Cs <sub>2</sub> XCel <sub>6</sub> (X=Li Na): A DFT study   | Materials Science in Semiconductor Processing | HEC W | 181  | Hudabia Murtaza, Dr Qurat Ul Ain  | Department of Physics |
| 332 | Structural electronic and optical study of Zn: MgO compositions by computational and experimental approach   | Ceramics International                        | HEC W | 50   | Ms Sanam, Dr. Zaheer Hussain Shah | Department of Physics |
| 333 | Structural Optical and Magnetic Properties of Pure and Ni <sup>2+</sup> -doped Fe-Codoped Zinc Oxide Nanoparticles Synthesized by a Sol-Gel Autocombustion Method  | ACS Omega                                     | HEC W | 2023 | Qayyum Zafar                      | Department of Physics |
| 334 | Ternary metal oxide carbon composite as high-performance electrode material for supercapacitor applications  | Inorganic Chemistry Communications            | HEC W | 170  | Shama Rao, Dr Sidra Khalid        | Department of Physics |
| 335 | The effect of compressional strain on the physical attributes of Rb <sub>3</sub> TiCl <sub>6</sub> double perovskites: First-principles predictions  | Materials Science & Engineering B             | HEC W | 300  | Hudabia Murtaza, Dr Qurat Ul Ain  | Department of Physics |

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| 336 | The Ferromagnetic Character Mechanical and Optoelectronic Attributes of Rubidium-Based $\text{Rb}_2\text{NaMoX}_6$ ( $X = \text{Br I}$ ) Double Perovskites: Spin-Polarized Computations                                | Journal of Inorganic and Organometallic Polymers and Materials | HEC W |     | Dr Qurat Ul Ain                     | Department of Physics |
| 337 | The half-metallicity thermoelectric and optoelectronic attributes of $\text{K}_2\text{CeB}_6$ ( $\text{B}=\text{Ag Cu}$ & $X=\text{Cl Br}$ ) for spintronics and renewable energies: A spin-polarized DFT study         | Journal of Physics and Chemistry of Solids                     | HEC W | 193 | Dr Qurat Ul Ain                     | Department of Physics |
| 338 | The Hydrogen Storage and Extraction Abilities of Cesium- Based Perovskite Hydrides $\text{Cs}_2\text{TlBH}_6$ ( $\text{B}=\text{In Ga}$ ): First-Principles Calculations  | Journal of Inorganic and Organometallic Polymers and Materials | HEC W |     | Hudabia Murtaza, Dr Qurat Ul Ain    | Department of Physics |
| 339 | Tuning the thermoelectric and optoelectronic attributes of lead-free novel fluoroperovskites $\text{Cs}_2\text{BB}_6$ ( $\text{B} = \text{Rb In Na}$ and $\text{B}=\text{Ir As Rh}$ ): A first-principles investigation | Journal of Physics and Chemistry of Solids                     | HEC W | 190 | Ms Hudabia Murtaza, Dr Qurat Ul Ain | Department of Physics |
| 340 | Unveiling the mechanical structural thermoelectric and optoelectronic potential of $\text{K}_2\text{NaGaBr}_6$ and $\text{K}_2\text{RbTlBr}_6$ double perovskites for sustainable technologies                          | Solar Energy   | HEC W | 273 | Hudabia Murtaza, Dr Qurat Ul Ain    | Department of Physics |
| 341 | First-principles investigations on magnesium oxynitride for electronic, thermoelectric, and optical applications  | International Journal of Modern Physics B                      | HEC W | 39  | Ms Sanam, Zaheer Hussain Shah       | Department of Physics |
| 342 | Triboelectric Energy Harvesting from Highly Conjugated Fused Aromatic Ladder Structure Under Extreme Environmental Conditions   | Advanced Materials   | HEC W | 36  | Abdul Mannan                        | Department of Physics |

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| 343 | A comprehensive theoretical analysis of the physical attributes of cesium-based Cs <sub>2</sub> LiTiCl <sub>6</sub> double perovskites for eco-friendly technologies                                | Physica B: Condensed Matter                       | HEC X | 677 | Hudabia Murtaza, Dr Qurat Ul Ain                        | Department of Physics |
| 344 | A DFT approach to explore the structural optoelectronic mechanical and thermoelectric attributes of lead-free RbInX <sub>3</sub> (X = I Br Cl) halide perovskites for renewable energy applications | Physica Scripta                                   | HEC X | 99  | Dr Qurat Ul Ain   | Department of Physics |
| 345 | A Theoretical Insight into the Physical Characteristics of Double Perovskite Rb <sub>2</sub> TlInBr <sub>6</sub> for Renewable Energy Applications  | Crystal Research and Technology                   | HEC X | 59  | Dr Qurat Ul Ain, Hudabia Murtaza                        | Department of Physics |
| 346 | Deep Learning and Quantum Algorithms Approach to Investigating the Feasibility of Wormholes: A Review   | Astronomy and Computing                           | HEC X | 47  | Bilal Ramzan  | Department of Physics |
| 347 | Determination of the optical properties of tungsten trioxide thin film using the transfer matrix method   | Indian J Phys                                     | HEC X |     | Muhammad Adnan, Dr Muhammad Imran Jamil, Tanvir Hussain | Department of Physics |
| 348 | Effect of bandgap tunability on the physical attributes of potassium-based K <sub>2</sub> CuBiX <sub>6</sub> (X = I Br Cl) double perovskites for green technologies                                | Inorganic Chemistry Communications                | HEC X | 162 | Hudabia Murtaza, Dr Qurat Ul Ain                        | Department of Physics |
| 349 | First-Principles Analysis on the Optoelectronic Structural Elastic and Transport Characteristics of Novel Fluoroperovskites Cs <sub>2</sub> TlAgF <sub>6</sub> for Green Technology                 | ECS Journal of Solid State Science and Technology | HEC X | 13  | Hudabia Murtaza, Dr Qurat Ul Ain                        | Department of Physics |

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| 350 | First-principles screening of XSbF <sub>3</sub> (X = Ba and Ra) fluoroperovskites: an insight into structural optoelectronic and thermal properties                               | Physica Scripta                 | HEC X | 99  | Dr Qurat Ul Ain  | Department of Physics |
| 351 | Magnetoacoustics and magnetic quantization of Fermi states in relativistic plasmas  | Z. Naturforsch. A               | HEC X | 79  | Bilal Ramzan   | Department of Physics |
| 352 | Preparation of molybdenum oxide and tungsten oxide nanoparticles by pulsed laser ablation   | Indian Journal of Physics       | HEC X | 98  | S. M. Siftain, Tanvir Hussain, Dr Sidra Khalid           | Department of Physics |
| 353 | The physical attributes of Rubidium-based Rb <sub>2</sub> TiRhF <sub>6</sub> double perovskite halide: A First-principles investigation   | Physica B: Condensed Matter     | HEC X | 685 | Hudabia Murtaza, Dr Qurat Ul Ain                         | Department of Physics |
| 354 | The physical characteristics of Zintl TeRhCl for renewable applications: A DFT approach   | Physica B: Condensed Matter     | HEC X | 690 | Dr Qurat Ul Ain  | Department of Physics |
| 355 | The screening of the potential features of potassium-based K <sub>2</sub> BGa <sub>6</sub> (B = Tl Rb) double perovskites for eco-friendly technologies: a first-principles study | Optical and Quantum Electronics | HEC X | 56  | Dr Qurat Ul Ain, Hudabia Murtaza                         | Department of Physics |
| 356 | Tuning the physical attributes of A-site double perovskites SrMInSbO <sub>6</sub> (M = Hf Ca) for optoelectronics   | Physica Scripta                 | HEC X | 99  | Hudabia Murtaza, Dr Qurat Ul Ain                         | Department of Physics |
| 357 | Head on collision of multi ion acoustic solitons with arbitrary degenerate electrons  | Physica Scripta                 | HEC X | 99  | Arshad Majid Mirza, Anisa Qamar                          | Department of Physics |
| 358 | Investigation of X-Ray Emission from Laser Produced Aluminium Antimonide Plasma   | Surface Review and Letters      | HEC Y |     | Sidra Ashraf, Dr Sidra Khalid, Saira Shaheen, Ahmad Raza | Department of Physics |

| 359   | First-principles evaluation of LiCaF <sub>3</sub> - $\text{HfO}_2$ as an effective material for solid-state hydrogen storage   | Journal of Energy Storage                              | HEC W   | 83  | Dr. Qurat Ul Ain, M.W. Younis  | Department of Physics,<br>Department of Chemistry |
|---|--|--|---------|-----|--|---|
| 360   | Synthesis and electrochemical potentials of composite materials based on Cr <sub>2</sub> V <sub>2</sub> O <sub>8</sub> /S <sub>2</sub> C <sub>3</sub> N <sub>4</sub> for supercapacitor electrodes | Journal of Materials Science: Materials in Electronics | HEC W   | 35  | Fatima Munir, Dr. Zaheer Hussain Shah, Muhammad Tahir, Mohsin Javed, Mansoor | Department of Physics,<br>Department of Chemistry |
| <b>School of Social Sciences and Humanities (SSS&amp;H)</b> |  |  |         |     |  |   |
| Sr.   | Title  | Journal Name   | Ranking | Vol | Name   | Department  |
| 1   | A Wave For Sustainability: Principals And Executive District Officers Narrations For Students Well-Being   | Migration Letters                                      | HEC X   | 21  | Dr Laila Khalid  | Department of Education                           |
| 2   | Academic Barriers of Students with Hearing Impairment at the Undergraduate Level   | Global Mass Communication Review                       | HEC Y   | 9   | Faisal Amjad, Dr Almas Shoaib  | Department of Education                           |
| 3   | Academic Enablers to Success of Students with Hearing Impairment at the Undergraduate Level  | Pakistan Social Sciences Review                        | HEC Y   | 8   | Faisal Amjad, Dr Almas Shoaib  | Department of Education                           |
| 4   | Accessibilities and Challenges in Curriculum and Instructional Activities for Students with Visually Impairments in Gilgit Baltistan   | Global Regional Review (GRR)                           | HEC Y   | 9   | Syed Zaheer Abbas, Dr Almas Shoaib, Qurat Ul Ain Asif                        | Department of Education                           |
| 5   | Assessing Environmental Awareness Integration in the Curriculum: A Case Study of Lahores Private Schools   | AL-QUDWAH  | HEC Y   | 2   | Dr Ayesha Afzal  | Department of Education                           |
| 6   | Assessing Pedagogical Methods to Enhance Academic Motivation for Students with Hearing Impairments in Special Education Institutions   | Research Journal for Societal Issues                   | HEC Y   | 6   | Nida Khan, Dr. Sajid Masood  | Department of Education                           |
| 7   | Assessing Teachers Training Needs for Inclusive Education: A Qualitative Study of Teachers Perception  | Qlantic Journal of Social Sciences                     | HEC Y   | 5   | Sidra Kalsoom, Dr. Sajid Masood  | Department of Education                           |



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| 8  | Assessing the Educational Landscape for Students with Intellectual Disability in Special Education Institutions: A Case Study in Punjab Pakistan | Journal of Educational Research & Social Sciences Review (JERSSR)    | HEC Y | 4  | Khaula Munawar Minhas, Farhat Munir                               | Department of Education |
| 9  | Balancing Virtual Boundaries: Investigating the Impact of Online Learning on Socialization and Social Skill Development                          | Asian Journal of University Education (AJUE)                         | HEC X | 20 | Amna Yousaf, Dr. Sajid Masood                                     | Department of Education |
| 10 | Beyond Access: Tackling Bullying to Ensure True Inclusion in Pakistans Educational Landscape   | Journal of Social & Organizational Matters                           | HEC Y | 3  | Yasira Waqar, Faisal Anis   | Department of Education |
| 11 | Beyond Accommodation: Artificial Intelligences Role in Reimagining Inclusive Classrooms  | Indus Journal of Social Sciences                                     | HEC Y | 2  | Faisal Anis   | Department of Education |
| 12 | Bridging the Gap: Aligning Teachers Beliefs and Practices in Formative Assessment  | International Journal of Politics & Social Sciences Review(IJPSSR)   | HEC Y | 3  | Sehrish Tajammul Butt, Dr Almas Shoaib, Dr. Fauzia Naheed Khawaja | Department of Education |
| 13 | Centering Marginalized Voices: Examining Political and Social Rights in Pakistani Elite School Textbooks.  | International Journal of Social Science & Entrepreneurship           | HEC Y | 4  | Arjumand Rauf, Dr Amna Yousaf                                     | Department of Education |
| 14 | Challenges and Opportunities in Providing Inclusive Education for Refugee Children in Pakistan   | International Journal of Social Science Archives                     | HEC Y | 7  | Dr. Yasira Waqar  | Department of Education |
| 15 | Challenges Faced by the International Students Studying in Universities of Pakistan  | Journal of Asian Development Studies                                 | HEC Y | 13 | Anum Zia, Dr Irfan Bashir   | Department of Education |
| 16 | Constructing Disability and Special Education: A Critical Discourse Analysis of the Punjab Special Education Policy 2020                         | International Journal of Social Science and Entrepreneurship (IJSSE) | HEC Y | 4  | Dr. Yasira Waqar, Faisal Anis                                     | Department of Education |
| 17 | DEVELOPMENT AND VALIDATION OF THE SITUATIONAL JUDGEMENT TEST ON LEADERSHIP (SJT-L)   | EDUCATIONAL RESEARCH AND INNOVATION (ERI)- 2710-4354                 | HEC Y | 4  | Shahida Nasreen, Dr Rizwan Akram Rana                             | Department of Education |

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| 18 | Digital Divide & Inclusive Education: Examining How Unequal Access to Technology Affects Educational Inclusivity in Urban Versus Rural Pakistan | Journal of Social & Organizational Matters  | HEC Y | 3  | Dr. Yasira Waqar, Faisal Anis                 | Department of Education |
| 19 | Effect of Perceived Social Support on Self-Efficacy of Secondary School Teachers  | Pakistan Languages and Humanities Review    | HEC Y | 8  | Dr Afshan Naseem                              | Department of Education |
| 20 | Effect of Principals's Instructional Management Practices on School Culture   | Archives of Educational Studies             | HEC Y | 4  | Bushra Mumtaz, Dr Irfan Bashir, Afshan Naseem | Department of Education |
| 21 | Effect of Teachers Work-Related Burnout on Emotional Empathy at the Higher Education Level  | Global Education Studies Review             | HEC Y | 9  | Iqra Jamshed, Dr Almas Shoaib                 | Department of Education |
| 22 | Effectiveness of Sign-Based Videos on English Comprehension of Students with Hearing Impairment   | Annals of Human and social Sciences         | HEC Y | 5  | Ghazala Ishrat                                | Department of Education |
| 23 | Embracing Diversity: The Case for Differentiated Instruction in Pakistan's Inclusive Classrooms   | Pakistan Journal of Law Analysis and Wisdom | HEC Y | 3  | Sajida Saif, Faisal Anis                      | Department of Education |
| 24 | Empowering Students with Intellectual Disability: Role of Assistive Devices   | Global Sociological Review                  | HEC Y | 9  | Ayesha Ayub, Dr Almas Shoaib                  | Department of Education |
| 25 | Empowering Teachers through Reflective Practice: A Pathway to Inclusive Classrooms in Pakistan  | Research Journal for Societal Issues        | HEC Y | 6  | Dr. Yasira Waqar, Faisal Anis                 | Department of Education |
| 26 | Enhancing Early Childhood Education in Saudi Arabia: Utilizing Gamification for Engaging and Effective Learning                                 | GOMAL UNIVERSITY JOURNAL OF RESEARCH        | HEC Y | 40 | Dr Ayesha Afzal                               | Department of Education |
| 27 | Enhancing Inclusive Education in Pakistan through E-Learning: A Review of Current Practices Challenges and Future Directions                    | Global Regional Review                      | HEC Y | 9  | Dr. Yasira Waqar, Faisal Anis                 | Department of Education |

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| 28 | Examining the Correlation between Instructional Strategies and Undergraduate Students' Self Esteem                         | Annals of Human and Social Sciences                   | HEC Y | 4  | Nimra Awan, Dr Afshan Naseem,               | Department of Education |
| 29 | Experiences of Students with Visual Impairment at University level: a Participatory Action Research                        | UOS Journal of Social Sciences & Humanities (UOSJSSH) | HEC Y | 8  | Dr Amna Arif                                | Department of Education |
| 30 | Exploring the Role of Higher Education Commissions Research Policy in the Career Development of University Faculty         | Kurdish Studies                                       | HEC W | 12 | Dr Ayesha Afzal                             | Department of Education |
| 31 | Exploring Disparities in Emotional Intelligence among Hearing Impaired Students from Segregated and Inclusive Education    | Journal of Health and Rehabilitation Research         | HEC Y | 4  | Atia Ur Rehman, Farhat Munir                | Department of Education |
| 32 | Exploring Elementary School Teachers Pedagogical Content Knowledge: A Quantitative Study                                   | Pakistan Journal of Law Analysis and Wisdom           | HEC Y | 3  | Dr. Yasira Waqar                            | Department of Education |
| 33 | Exploring the Constraints in Establishment of University-Industry Collaboration in Punjab                                  | Qlantic Journal of Social Sciences                    | HEC Y | 5  | Dr Afshan Naseem                            | Department of Education |
| 34 | Exploring the Effectiveness of Online Assessment Methods in Higher Education   | International Journal of Human and Society            | HEC Y | 4  | Dr Ayesha Afzal                             | Department of Education |
| 35 | Factors influencing female teachers' decision to become school principals: A study of secondary schools in Lahore Pakistan | Educational Research and Innovation (ERI)             | HEC Y | 4  | Dr Afshan Naseem, Dr Fariha Gul             | Department of Education |
| 36 | Faculty Perceptions of Blended Learning and Flipped Classrooms: Perspectives from Jeddah Universities                      | Remittances Review                                    | HEC X | 9  | Dr Ayesha Afzal                             | Department of Education |
| 37 | Foreign-Acquired academics: Assessing teaching quality and exploring teaching-related challenges                           | Psychology in the Schools                             | HEC W | 61 | Nisar Abid, Dr Asmaa Azeem, Fatima Sikandar | Department of Education |

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| 38 | Impact of ICT Supported Collaborative Learning on University Students   | Annals of Human and Social Sciences                                      | HEC Y | 5  | Ayesha Akram, Dr Laila Khalid, Ghazala Ishrat   | Department of Education |
| 39 | Inclusive Education and Mental Health: Addressing the Psychological Needs of Students in Pakistani Schools  | Research Journal for Societal Issues                                     | HEC Y | 6  | Dr. Yasira Waqar, Faisal Anis                   | Department of Education |
| 40 | Inclusive Education in Pakistani Schools: Theoretical Perspectives Challenges and Opportunities   | Pakistan Journal of Law Analysis and Wisdom                              | HEC Y | 3  | Faisal Anis                                     | Department of Education |
| 41 | Inclusive Education in TVET: Exploring Vocational Educators Perspectives on Policies Structures Systems and Practices   | Pakistan Journal of Law Analysis and Wisdom                              | HEC Y | 3  | Faisal Anis                                     | Department of Education |
| 42 | Influencer-driven loyalty: Understanding the mediating role of customer brand engagement in the relationship between social media influencers and brand loyalty | Journal of Global Scholars of Marketing Scienc                           | HEC-Y | 34 | Fazila Islam                                    | Department of Education |
| 43 | Instructional Leadership Practices for Effective Formative Assessment at Primary Level  | Journal of Asian Development Studies                                     | HEC Y | 13 | Maryum Zulqarnain, Dr Irfan Bashir, Vilayat Ali | Department of Education |
| 44 | Investigating The Benefits and Challenges of Interdisciplinary Education in Higher Education Settings   | Journal of Social Research Development                                   | HEC Y | 5  | Dr Ayesha Afzal                                 | Department of Education |
| 45 | Issues Challenges & Opportunities of Education for Marginalized Communities in Pakistan   | Indus Journal of Social Sciences   | HEC Y | 2  | Dr Amna Yousaf, Dr. Sajid Masood                | Department of Education |
| 46 | LEARNING INNOVATION AND STUDENTS' ACADEMIC SATISFACTION: A CORRELATIONAL STUDY IN TECHNICAL EDUCATION   | International Journal of Contemporary Issues in Social Sciences (IJCISS) | HEC Y | 3  | Dr. Yasira Waqar                                | Department of Education |
| 47 | Learning Innovation Utilization in Technical Education: A Quantitative Study  | Research Journal for Societal Issues                                     | HEC Y | 5  | Dr. Yasira Waqar                                | Department of Education |

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| 48 | Mapping the Landscape of Inclusion: A Multidimensional Conceptual Framework for Inclusive Education in Pakistan              | The Critical Review of Social Sciences Studies      | HEC Y | 2  | Faisal Anis                                    | Department of Education |
| 49 | Medium of Instruction and Students' Academic Motivation  | Pakistan Journal of Law Analysis and Wisdom (PJLAW) | HEC Y | 3  | Dr. Yasira Waqar                               | Department of Education |
| 50 | Navigating Complexity: Overcoming Challenges in Qualitative Research for Special Education in Pakistan                       | Voyage Journal of Educational Studies               | HEC Y | 4  | Dr. Yasira Waqar, Faisal Anis                  | Department of Education |
| 51 | Navigating the classroom: reflections on teaching practice   | Pakistan Journal of Education                       | HEC Y | 14 | Dr Afshan Naseem                               | Department of Education |
| 52 | Navigating through a New Academic Landscape: Challenges and Coping Strategies of International Students Studying in Pakistan | Pakistan Social Sciences Review                     | HEC Y | 8  | Anum Zia, Dr Irfan Bashir                      | Department of Education |
| 53 | Observations of prospective teachers experience and challenges faced during teaching practicum-1                             | Journal of Asian Development Studies                | HEC Y | 13 | Maira Asghar, Syeda Nida Ali, Dr Afshan Naseem | Department of Education |
| 54 | Organizational Commitment: A Comparative Study of Public and Private Higher Education Institutions in Punjab                 | Qlantic Journal of Social Sciences                  | HEC Y | 5  | Dr. Yasira Waqar                               | Department of Education |
| 55 | Parental and Community Involvement in Promoting Inclusive Education: A Focus on Pakistan                                     | Global Sociological Review                          | HEC Y | 9  | Dr. Yasira Waqar, Faisal Anis                  | Department of Education |
| 56 | Parents Perception about the Pre-vocational Skills of their Children with Mild Intellectual and Developmental Disabilities   | Pakistan Social Sciences Review                     | HEC Y | 8  | Razia Sultana, Faisal Anis                     | Department of Education |
| 57 | Parent-Teacher Collaboration and its Effect on Student's Achievement at Pre-School Level                                     | Pakistan Social Sciences Review                     | HEC Y | 8  | Ommama Ashfaq, Dr Aisha Sami, Humaira Yousaf   | Department of Education |

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| 58 | Pedagogical Techniques Employed by the Teachers for Oral Communication Skills in Government High/Higher Secondary Schools of Sharq Pur Shareef | International Journal of Politics & Social Sciences Review (IJPSSR)      | HEC Y | 3  | Saira Azeem, Dr Afshan Naseem                            | Department of Education |
| 59 | Pursuing Inclusive Vocational Education Amidst Discrimination: The Plight and Hopes of Christian Youth in Pakistan                             | Qlantic Journal of Social Sciences                                       | HEC Y | 5  | Faisal Anis  | Department of Education |
| 60 | Reflective Learning at the University Level: A Qualitative Study from the Students Perspective   | Journal of Development and Social Sciences                               | HEC Y | 5  | Anisa Nur Hassan Iman, Dr Afshan Naseem                  | Department of Education |
| 61 | Relationship between teachers sense of self-efficacy and teaching experience   | Journal of Asian Development Studies                                     | HEC Y | 13 | Aymen Mishal, Dr Afshan Naseem, Hibah Zahid, Iqra Naseer | Department of Education |
| 62 | SECOND LANGUAGE ANXIETY: EXAMINING ITS ROLE AS A BARRIER OR FACILITATOR IN SECOND LANGUAGE ACQUISITION   | International Journal of Contemporary Issues in Social Sciences          | HEC Y | 3  | Dr. Sajid Masood   | Department of Education |
| 63 | Self-Citation as a Strategy for Research Visibility and Impact   | International Journal of Human and Society (IJHS)                        | HEC Y | 4  | Dr Ayesha Afzal, Bazgha Iram                             | Department of Education |
| 64 | sustainable Leadership Practices and Organizational Commitment at Higher Education Institutions in Pakistan: An Ex Post Facto Study.           | International Journal of Politics & Social Sciences Review               | HEC Y | 3  | Sidra Bano, Dr Irfan Bashir                              | Department of Education |
| 65 | TEACHERS' PERSPECTIVE ON SINGLE NATIONAL CURRICULUM IMPLEMENTATION AND CHALLENGES  | International Journal of Contemporary Issues in Social Sciences (IJCISS) | HEC Y | 3  | Dr. Yasira Waqar   | Department of Education |
| 66 | TEACHERS' BURNOUT IN THE CLASSROOM: EXPLORING ITS IMPACT ON STUDENT ACADEMIC ACHIEVEMENT –A CORRELATIONAL STUDY                                | Journal of Applied Linguistics and TESOL (JALT)                          | HEC Y | 7  | Dr Irfan Bashir  | Department of Education |

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| 67 | Teaching Approaches to Enhance Social Interaction for Student with Hearing-Impaired at Higher Education Level in Lahore | Annals of Human and Social Sciences               | HEC Y | 5  | Dr Amna Arif, Saima Rani                      | Department of Education |
| 68 | The Challenges and Opportunities of Female Leadership in Educational Institutions in Punjab Pakistan                    | Remittances Review                                | HEC X | 9  | Dr Ayesha Afzal                               | Department of Education |
| 69 | The Cost of Excellence: A Critical Commentary on Instructional Leadership Practices in Pakistan's Elite Schools         | Journal of Social Science Archives                | HEC Y | 2  | Dr. Sajid Masood, Dr Amna Yousaf              | Department of Education |
| 70 | The Impact of Digital Tools and Online Learning Platforms on Higher Education Learning Outcomes                         | Al-Mahdi Research Journal (MRJ)                   | HEC Y | 5  | Dr Ayesha Afzal                               | Department of Education |
| 71 | THE INNOVATIVE PEDAGOGICAL APPROACHES & CHALLENGES IN THE EARLY CHILDHOOD EDUCATION: INSIGHTS FROM SAUDI ARABIA         | GOMAL UNIVERSITY JOURNAL OF RESEARCH              | HEC Y | 40 | Dr Ayesha Afzal                               | Department of Education |
| 72 | The relationship between math anxiety and educational motivation: the mediating role of school belongingness            | Educational Research and Evaluation               | HEC W | 29 | Dr Amna Arif                                  | Department of Education |
| 73 | The Role of Academic Advising and Mentoring in Promoting Student Success and Retention                                  | INTERNATIONAL JOURNAL OF HUMAN AND SOCIETY (IJHS) | HEC Y | 4  | Dr Ayesha Afzal, Dr Aisha Sami, Sadia Munawar | Department of Education |
| 74 | The Role of Artificial Intelligence in Personalized Learning at the Private Sector Universities in Lahore               | International Journal of Human and Society (IJHS) | HEC Y | 4  | Dr Aisha Sami, Kausar Khalil                  | Department of Education |
| 75 | The Role of Community-Based Organizations in Promoting Inclusive Education Practices Outside the Formal School System   | Journal of Policy Research                        | HEC Y | 10 | Faisal Anis                                   | Department of Education |

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| 76 | The role of critical reflection in online teaching   | Critical Reflection Practice<br>Hermeneutic Online Teachers' Insights<br>Phenomenology | HEC Y | 8  | Fiza Zia, Dr Afshan Naseem                          | Department of Education |
| 77 | The Role of Foreign-Educated Faculty in Fostering Research Internationalization in Pakistan Higher Education.                            | RAE-Revista de Administracao de Empresas   FGV EAESP                                   | HEC X | 64 | Dr Asmaa Azeem                                      | Department of Education |
| 78 | The Role of Parental Digital Literacy in Supporting Online Learning Among Early Grade Students   | AL-QUDWAH  | HEC Y | 2  | Dr Ayesha Afzal, Dr. Fariha Gul, Muhammad Shahbaz   | Department of Education |
| 79 | THE ROLE OF TEACHER TRAINING IN PROMOTING INCLUSIVE EDUCATION PRACTICES IN PAKISTANI SCHOOLS   | International Journal of Contemporary Issues in Social Sciences                        | HEC Y | 3  | Dr. Yasira Waqar, Faisal Anis                       | Department of Education |
| 80 | The Role of the Principals in Supporting Teachers' Performance in Enhancing Online Learning in Secondary Schools: Teachers' Perspectives | Annals of Human and Social Sciences  | HEC Y | 5  | Raheela Jawaaid, Dr Almas Shoaib, Dr. Aqila Rafique | Department of Education |
| 81 | Unlocking Social Growth: The Impact of Applied Behavior Analysis on Children with Autism Spectrum Disorder                               | International Electronic Journal of Elementary Education                               | HEC Y | 16 | Nisar Abid, Dr Asmaa Azeem                          | Department of Education |
| 82 | Unveiling mechanism of SNSs addiction on wellbeing: the moderating role of loneliness and social anxiety                                 | Behaviour & Information Technology   | HEC W |    | Fazila Islam  | Department of Education |
| 83 | Unveiling the Obstacles: Understanding Data Collection Challenges for Researchers in Pakistani Universities                              | Journal of Asian Development Studies   | HEC Y | 13 | Dr Ayesha Afzal, Kausar Khalil, Wajiha Saleem       | Department of Education |
| 84 | Using Safe to Learn strategies for improving school child protection systems for children with disabilities                              | REVIEW OF HUMAN RIGHTS   | HEC Y | 10 | Mehek Naeem, Farhat Munir                           | Department of Education |



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| 85 | Impact of Privatization of Government Schools on Quality and Access to Education: Perceptions of Stakeholders  | Global Educational Studies Review                                | HEC Y | 9  | Fariha Gul   | Department of Education  |
| 86 | Assessment Practices for the Students of Non-Formal and Basic Education in Punjab Pakistan   | Global Regional Review   | HEC Y | 9  | Ghulam Hussain, Fariha Gul, Amina Shah             | Department of Education/<br>Department of English and Literary Studies |
| 87 | Enhancing Sustainability Education in Pakistan: Analysis of Pakistan Studies Textbook Grade XII.   | International Journal of Contemporary Issues in Social Sciences. | HEC Y | 3  | Dr Amna Yousaf, Syeda Um E Laila Naqvi             | Department of Education/KRSS   |
| 88 | 20th Century Muslim Evangelist Scholasticism in Asia and its Impact on Peacebuilding Developments  | Al-Qalam   | HEC Y | 29 | Dr Muhammad Samiullah                              | Department of Islamic Thought and Civilization                         |
| 89 | A research and applied study of the rules and regulations related to   | Jahan-e-Tahqeeq  | HEC Y | 7  | Mr Muhammad Akhlaq                                 | Department of Islamic Thought and Civilization                         |
| 90 | Analyzing Evidences of God's Existence in Quantum Mechanics  | Harf-O-Sukhan  | HEC Y | 8  | Muhammad Omer Farooq Saeed, Dr. Sajid Iqbal Sheikh | Department of Islamic Thought and Civilization                         |
| 91 | Corpus Coranicum: An Introductory Analysis   | FIKR-O NAZAR   | HEC Y | 62 | Dr Muhammad Samiullah                              | Department of Islamic Thought and Civilization                         |
| 92 | Designing an English for Specific Purposes (ESP) Curriculum for Islamic Scholars in Pakistani Institutions: A Framework for Academic and Global Engagement | Liberal Journal of Language and Literature Review                | HEC Y | 2  | Dr Hassan Shakeel Shah                             | Department of Islamic Thought and Civilization                         |
| 93 | Five Dimensions of Religious Deconversion: Their Application to the Accounts of Young Pakistani Deconverts   | Nuqtah: Journal of Theological Studies                           | HEC Y | 4  | Sadia Rauf, Dr Humaira Ahmad                       | Department of Islamic Thought and Civilization                         |
| 94 | Interplay of Knowledge Ritual and Science in Islamic Tradition   | International Research Journal of Arabic and Islamic Studies     | HEC Y | 4  | Dr Muhammad Samiullah                              | Department of Islamic Thought and Civilization                         |

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| 96  | Islamic Notion of Human Services and Role of NGOs: A Study in Pakistani Perspective                      | Mujala Islami Fikr o Tehzeeb (MIFT)  | HEC Y | 4  | Hafiz Amir Mehmood, Dr. Sajid Iqbal Sheikh                     | Department of Islamic Thought and Civilization |
| 97  | Kinesthetic Interpretation of the Verses of the Holy Quran   | Tanazur  | HEC Y | 5  | Hafiz Adil Jahangir  | Department of Islamic Thought and Civilization |
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| 100 | Role Significance and themes of a state in Islamic and Modern theoretical framework: A comparative study | Tanazur Research Journal   | HEC Y | 5  | Muhammad Naeem Javed, Dr. Sajid Iqbal Sheikh                   | Department of Islamic Thought and Civilization |
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| 102 | Structural Functionalism in Shah Waliullah's Thought   | Shnakhat   | HEC Y | 3  | Dr Humaira Ahmad   | Department of Islamic Thought and Civilization |
| 103 | The Importance of Sharia Compliance in Islamic Finance   | Tanazur  | HEC Y | 5  | Mr Muhammad Akhlaq   | Department of Islamic Thought and Civilization |
| 104 | The Role of Social Values in Managing Peace: An Analytical Study in Islamic and Social Perspectives      | Tanazur Research Journal   | HEC Y | 5  | Hafiz Wali Ullah, Dr. Sajid Iqbal Sheikh, Muhammad Naeem Javed | Department of Islamic Thought and Civilization |
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| 106 | Types of Insurance and their conditioning in Islamic jurisprudence (Comparative Jurisprudence Study)                                    | Tanazur (Research Journal)                 | HEC Y | 5  | Dr Hassan Shakeel Shah   | Department of Islamic Thought and Civilization |
| 107 | Unveiling the Journey Beyond: Understanding the Factors Influencing Pilgrimage Tourists Revisiting Intention to Mecca                   | Journal of at-Tamaddun                     | HEC X | 19 | Dr Humaira Ahmad   | Department of Islamic Thought and Civilization |
| 108 | پاکستان میں نو مسلموں کے مسائل اور انکی فلاح و بہبود کے لیے قائم سرکاری اور غیر سرکاری اداروں کا کردار                                  | Jahan-e-Tahqeeq                            | HEC Y | 7  | Shahida Kalsoom, Dr Hassan Shakeel Shah                            | Department of Islamic Thought and Civilization |
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| 126 | The Neglected Frontline: Impact of Policy Lacunas on Security Personnels Health in Pakistans Energy Sector                            | Pakistan Languages and Humanities Review (PLHR)               | HEC Y | 8  | Majid Mohsin, Dr Syedah Sadia Kazmi          | DPSIR |

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| 129 | The role of financial inclusion and globalization toward a sustainable economy in ASEAN countries: evidence from advance panel estimations   | Environment, Development and Sustainability | HEC W | 26 | Usman Mehmood                            | DPSIR |
| 130 | The Unseen Costs: Physical Security and its Impact on Energy Security  | Pakistan Social Sciences Review             | HEC Y | 8  | Majid Mohsin, Dr Syedah Sadia Kazmi      | DPSIR |
| 131 | Uncovering the potential impacts of financial inclusion and human development on ecological sustainability in the presence of natural resources and government stability: Evidence from G-20 nations | Resources Policy                            | HEC W | 88 | Usman Mehmood                            | DPSIR |
| 132 | UNDERSTANDING A CHANGE IN DOCTRINE OF BARELVISM FROM PEACEFUL MOVEMENT TO VIOLENT ACTIVISM: A CASE STUDY OF TLP  | The Journal of Political Science            | HEC Y | 42 | Dr Shafique Qurban, Wasif Mumtaz         | DPSIR |
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| 134 | UNVEILING NARRATIVES: INDIAN AND PAKISTANI MEDIA FRAMING OF ARTICLE 370 REVOCATION   | Pakistan Journal of International Affairs   | HEC Y | 7  | Fatima Sajjad                            | DPSIR |
| 135 | US-China technological hegemony: Analyzing the digital colonialism in South Asia.  | Social Sciences Spectrum                    | HEC Y | 3  | Amna Abdul Razzaq                        | DPSIR |
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| 137 | Sino-US rivalry: Expansion of Cyberspace Influence on Iran   | Social Sciences Spectrum                      | HEC Y | 3  | Rameen Akram               | DPSIR |
| 138 | AI and Cyber Drove Warfare in the Israeli-Iran Conflict and its Impact on Gulf States' Security  | Journal of Politics and International Studies | HEC Y | 10 | Ayesha Haroon              | DPSIR |
| 139 | US-China Relationship in the Asia-Pacific Region and its Impact on Pakistan  | Journal of Regional Studies Review            | HEC Y | 3  | Muhammad Bilal Zafar       | DPSIR |
| 140 | Conflict Between India and China and Its Impact on Afghanistan   | Journal of Social Sciences Review             | HEC Y | 4  | Muhammad Noman             | DPSIR |
| 141 | Kashmir Dispute: India VS Pakistan and its Influence on South Asia and Global Power  | Journal of Regional Studies Review            | HEC Y | 3  | Haris Ali Butt             | DPSIR |
| 142 | War Between Ukraine and Russia & Its Impact on the United States   | Journal of Social Sciences Review             | HEC Y | 4  | Shukrullah                 | DPSIR |
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| 145 | Russia-Ukraine Conflict and its Implication on Pakistan  | Journal of Regional Studies Review            | HEC Y | 3  | Nouman Pervaiz             | DPSIR |
| 146 | The impact of the India-Pakistan dispute on environment strategies in Afghanistan.   | Social Sciences Spectrum                      | HEC Y | 3  | Hassan Ali                 | DPSIR |
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| 151 | Urbanization and its impacts on Food Security: A Case study of District Lahore   | Pakistan Social Sciences Review               | HEC Y | 8  | Irfan Farooq, Jannat Rashid  | DPSIR |
| 152 | Protecting Environment: Health Implications of Sand Mining in Residential Areas of District Kasur                                | Journal of Development and Social Sciences    | HEC Y | 5  | Muhammad Imran, Jannat Rashidand, Jannat Naseeb                                  | DPSIR |
| 153 | Strategic Communication in Countering Disinformation Campaigns in Pakistan   | Pakistan Social Sciences Review               | HEC Y | 8  | Muhammad Imran, Jannat Rashidand, Jannat Naseeb                                  | DPSIR |
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| 155 | FARMLAND TO URBAN LANDSCAPE: THE THREAT OF ILLEGAL HOUSING SOCIETIES TO AGRICULTURAL LAND AND CLIMATE STABILITY IN PUNJAB        | Sociology & Cultural Research Review          | HEC Y | 4  | Muhammad Imran, Ghulam Qader, Mehak Zehra  | DPSIR |
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| 160   | Beyond Borders: The Complexities of South Asian Masculinity at Home and Abroad   | Kurdish Studies   | HEC W          | 12         | Naveeda Noureen, Dr Sarosh Iqbal                                     | Department of Sociology               |
| 161   | Child Care Strategies of Working Women in Lahore   | Bulletin of Business and Economics                            | HEC Y          | 13         | Shezza Saleem, Dr Ahmad Raza   | Department of Sociology               |
| 162   | Exploring the Health Behaviors of Alpha Sole Breadwinners in Lahore Pakistan   | INTERNATIONAL JOURNAL OF HUMAN AND SOCIETY (IJHS)             | HEC Y          | 4          | Muzamal Tariq, Zunaira Humail Wajid, Dr Naveeda Noreen, Ammara Naeem | Department of Sociology               |
| 163   | Government 2.0: Government-Citizen Engagement through Social Media in Pakistan   | Journal of Media and Entrepreneurial Studies 2024             | HEC Y          | 4          | Dr Naveeda Noreen  | Department of Sociology               |
| 164   | Social Mobility and Social Structure of India: Significance Challenges and Impediments   | International Journal of Kashmir Studies                      | HEC Y          | 6          | Dr Uzair Amjad   | Department of Sociology               |
| 165   | The Challenges Faced By Women in Blue-Collar Jobs  | Journal of Professional Research in Social Sciences-2312-8755 | HEC Y          | 11         | Dr Naveeda Noreen, Sajal Asghar, Roobia Farooq                       | Department of Sociology               |
| 166   | The Rape and Murder of Minor Girl Zainab: A Case Study of Pedophilic Sexual Violence in Pakistan   | Human Nature Journal of Social Sciences                       | HEC Y          | 5          | Muhammad Aqib Alam, Dr Ahmad Raza, Muhammad Omer Raza                | Department of Sociology               |
| 167   | The Social Cognitive Context of Teaching in Public Sector Primary Schools of Punjab  | Pakistan Social Sciences Review                               | HEC Y          | 8          | Nokhaiz Tahzeeb, Dr Ahmad Raza, Muhammad Omer Raza                   | Department of Sociology               |
| <b>School of Systems and Technology (SST)</b> |  |   |                |            |  |                                       |
| <b>Sr.</b>                                    | <b>Title</b>   | <b>Journal Name</b>   | <b>Ranking</b> | <b>Vol</b> | <b>Name</b>  | <b>Department</b>                     |
| 1   | AI-empowered mobile edge computing: inducing balanced federated learning strategy over edge for balanced data and optimized computation cost | Journal of Cloud Computing                                    | HEC W          | 13         | Momina Shaheen, Muhammad Shoaib Farooq                               | Department of Artificial Intelligence |



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| 2 | Reduction in Data Imbalance for Client-Side Training in Federated Learning for the Prediction of Stock Market Prices                                  | Journal of Sensor and Actuator Networks                          | HEC W | 13  | Momina Shaheen, Muhammad Shoaib Farooq                                 | Department of Artificial Intelligence  |
| 3 | Choosing Friends in Everyday Life by using Graph Theory   | Journal of Combinatorial Mathematics and Combinatorial Computing | HEC Y | 119 | Raja Noshad Jamil  | Department of Artificial Intelligence  |
| 4 | Identification of Diseases caused by non-Synonymous Single Nucleotide Polymorphism using Machine Learning Algorithms                                  | VFAST Transactions on Software Engineering                       | HEC Y |     | Fatima Tariq   | Department of Artificial Intelligence  |
| 5 | MLHS-CGCapNet: A Lightweight Model for Multilingual Hate Speech Detection   | IEEE ACCESS  | HEC W | 12  | Abida Kousar, Mr Khalid Ijaz, Dr Jameel Ahmad                          | Department of Artificial Intelligence, Department of Computer Science  |
| 6 | An intelligent model for prediction of abiotic stress-responsive microRNAs in plants using statistical moments based features and ensemble approaches | Methods  | HEC W |     | Ansar Naseem, Dr. Yaser Daanial Khan                                   | Department of Artificial Intelligence, Department of Computer Science  |
| 7 | Internet of things (IoT) based saffron cultivation system in greenhouse   | Scientific Reports   | HEC W | 14  | Rabia Khan, Muhammad Shoaib Farooq, Shamyla Riaz                       | Department of Artificial Intelligence, Department of Computer Science  |
| 8 | Exploring Character-Based Stylometry Features Using Machine Learning for Intrinsic Plagiarism Detection in Urdu                                       | International Journal of Innovations in Science and Technology   | HEC Y | 6   | Muhammad Faraz Manzoor, Adnan Abid, Muhammad Shoaib Farooq, Adnan Abid | Department of Artificial Intelligence, Department of Computer Science  |
| 9 | Prediction of Temperature Variability on Power Transmission Line Parameters using Intelligent Approaches  | Pertanika Journal of Science and Technology                      | HEC Y | 28  | Ashfaq Ahmad, Iqra Javed, Umair Ghazanfar                              | Department of Artificial Intelligence, Department of Computer Science, Department of Informatics and Systems |

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| 10 | Exploiting the features of deep residual network with SVM classifier for human posture recognition                       | PLOS ONE           | HEC W | 19  | Dr Syed Farooq Ali                                      | Department of Computer Science |
| 11 | DeepDBS: Identification of DNA-binding sites in protein sequences by using deep representations and random forest        | Methods            | HEC W | 231 | Dr Yaser Daanial Khan                                   | Department of Computer Science |
| 12 | GCF-MLD: Integrated Approach for Money Laundering Detection Using Machine Learning and Graph Network Analysis            | IEEE Access        | HEC W | 12  | Faizan Irshad, Dr Yaser Daanial Khan                    | Department of Computer Science |
| 13 | Gluconeogenesis unraveled: A proteomic Odyssey with machine learning   | Methods            | HEC W | 232 | Seher Ansar Khawaja, Dr Yaser Daanial Khan              | Department of Computer Science |
| 14 | Identification of 6-methyladenosine sites using novel feature encoding methods and ensemble models                       | scientific reports | HEC W |     | Muhammad Taseer Suleman, Dr Yaser Daanial Khan          | Department of Computer Science |
| 15 | m1A-Ensem: accurate identification of 1-methyladenosine sites through ensemble models                                    | biodata mining     | HEC W |     | Muhammad Taseer Suleman, Dr Yaser Daanial Khan          | Department of Computer Science |
| 16 | Blockchain based transparent and reliable framework for wheat crop supply chain  | plos one           | HEC W | 19  | Muhammad Shoaib Farooq, Zain Khalid Ansari, Atif Alvi   | Department of Computer Science |
| 17 | ChainAgile: A framework for the improvement of Scrum Agile distributed software development based on blockchain          | Plos one           | HEC W | 19  | Junaid Nasir Qureshi, Muhammad Shoaib Farooq            | Department of Computer Science |
| 18 | Exploring the Integration of Blockchain and Distributed DevOps for Secure Transparent and Traceable Software Development | IEEE Access        | HEC W | 13  | Junaid Nasir Qureshi, Muhammad Shoaib Farooq, Usman Ali | Department of Computer Science |

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| 19 | Harnessing the Potential of Blockchain in ChainAgilePlus Framework for the Improvement of Distributed Scrum of Scrums Agile Software Development | IEEE Access                                   | HEC W | 12  | Junaid Nasir Qureshi, Muhammad Shoaib Farooq              | Department of Computer Science |
| 20 | Prediction of leukemia peptides using convolutional neural network and protein compositions  | BMC Cancer                                    | HEC W | 24  | Seher Ansar Khawaja, Muhammad Shoaib Farooq, Kashif Ishaq | Department of Computer Science |
| 21 | TechMark: a framework for the development engagement and motivation of software teams in IT organizations based on gamification                  | PeerJ Computer Science                        | HEC W | 10  | Iqra Obaid, Muhammad Shoaib Farooq                        | Department of Computer Science |
| 22 | Enhancing learning environments with IoT: a novel decision-making approach using probabilistic linguistic T-spherical fuzzy set                  | The Journal of Supercomputing                 | HEC W | 80  | Shariq Aziz Butt  | Department of Computer Science |
| 23 | Fostering information security policies compliance with ISA-95-based framework: an empirical study of oil and gas employees                      | International Journal of Information Security | HEC W | 23  | Rao Faizan Ali, Sheraz Naseer                             | Department of Computer Science |
| 24 | Improved Support Vector Machine based on CNN-SVD for vision-threatening diabetic retinopathy detection and classification                        | Plos one                                      | HEC W | 19  | Talha Imtiaz Baig   | Department of Computer Science |
| 25 | Incorporating big data and IoT in intelligent ecosystems: state-of-the-arts, challenges and opportunities, and future directions                 | Multimedia Tools and Applications             | HEC W | 83  | Hassaan Malik, Ahmad Naeem                                | Department of Computer Science |
| 26 | m5c-iDeep: 5-Methylcytosine sites identification through deep learning   | Methods                                       | HEC W | 230 | Muhammad Taseer Suleman, Maham Saleem                     | Department of Computer Science |

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| 27 | Multi-classification deep learning models for detection of ulcerative colitis, polyps, and dyed-lifted polyps using wireless capsule endoscopy images | Complex & Intelligent Systems                       | HEC W | 10  | Hassaan Malik, Ahmad Naeem                    | Department of Computer Science |
| 28 | PDCNET: Deep Convolutional Neural Network for Classification of Periodontal Disease using Dental Radiographs  | IEEE Access   | HEC W | 12  | Hassaan Malik                                 | Department of Computer Science |
| 29 | Progressive learning in cross-modal cross-scale fusion transformer for visible-infrared video-based person reidentification                           | Knowledge-Based Systems                             | HEC W | 304 | Umar Raza Mukhtar                             | Department of Computer Science |
| 30 | Remote mobile health monitoring frameworks and mobile applications: Taxonomy, open challenges, motivation, and recommendations                        | Engineering Applications of Artificial Intelligence | HEC W | 133 | Shariq Aziz Butt                              | Department of Computer Science |
| 31 | Semi-supervised ensemble learning for human activity recognition in casas Kyoto dataset   | Heliyon   | HEC W | 10  | Shariq Aziz Butt                              | Department of Computer Science |
| 32 | Trust-Based Optimized Reporting for Detection and Prevention of Black Hole Attacks in Low-Power and Lossy Green IoT Networks                          | Sensors   | HEC W | 24  | Sanan Ahmad                                   | Department of Computer Science |
| 33 | Caputo Fabrizio BÃ©zier Curve with Fractional and Shape Parameters  | Computers   | HEC X | 13  | Muhammad Awais, Dr Syed Khawar Nadeem Kirmani | Department of Computer Science |
| 34 | Personality-Aware Course Recommender System Using Deep Learning for Technical and Vocational Education and Training                                   | Information   | HEC X | 15  | Rana Hammad Hassan, Dr Malik Tahir Hassan     | Department of Computer Science |
| 35 | Settlement detection from satellite imagery using fully convolutional network   | Journal of Electronic Imaging                       | HEC X | 33  | Dr Tayaba Anjum                               | Department of Computer Science |

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| 36 | Automated Detection and Recognition of Seven-Segment Digits from Electric Meters Utilizing Digital Image Processing and Machine Learning | VFAST Transactions on Software Engineering                        | HEC Y | 12 | Hamza Haseeb, Dr Malik Tahir Hassan, Afnan Iftikhar, Ayesha Asmat | Department of Computer Science  |
| 37 | DIGITIZING TVET EDUCATION THROUGH UNIFIED ANALYSIS OF PERSONALITY AND LEARNING SKILLS  | LGU Research Journal of Computer Science & Information Technology | HEC Y | 8  | Rana Hammad Hassan, Dr Malik Tahir Hassan                         | Department of Computer Science  |
| 38 | Unlocking Potential: Personality-Aware TVET Course Recommendations Revolutionize Skill Development                                       | International Journal of Innovations in Science & Technology      | HEC Y | 6  | Rana Hammad Hassan, Dr Malik Tahir Hassan                         | Department of Computer Science  |
| 39 | A Machine Learning Sentiment Analysis Approach on News Headlines to Evaluate the Performance of the Pakistani Government                 | Journal of Computing and Biomedical Informatics                   | HEC Y | 7  | Ammar Haider  | Department of Computer Science  |
| 40 | A Novel Approach for BMI and Nutrition Monitoring of Dairy Farm Using IoT  | Sir Syed University Research Journal of Engineering & Technology  | HEC Y | 14 | Nafeesa Yousaf  | Department of Computer Science  |
| 41 | A Novel Approach for Red Rot Disease Detection in Sugarcane Plants Using Transfer Learning Based VGG16 Model                             | NUST Journal of Engineering Sciences                              | HEC Y | 17 | Nafeesa Yousaf  | Department of Computer Science  |
| 42 | Issues Challenges and Solutions in Data Acquisition in Virtual and Augmented Reality Environments  | VFAST Transactions on Software Engineering                        | HEC Y | 12 | Nafeesa Yousaf  | Department of Computer Science  |
| 43 | Archaeometa: leveraging blockchain for secure and scalable virtual museums in the metaverse  | Heritage Science  | HEC W | 12 | Omer Aziz, Mahdia Shoaib, Muhammad Shoaib Farooq                  | Department of Computer Science, Department of Artificial Intelligence |

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| 44 | Electromyographic analysis of bilateral upper trapezius muscles at different levels of work-pace among sewing machine operators   | Journal of BMC Musculoskeletal Disorders              | HEC W | 25 | Ms Iqra Javed, Dr. Ashfaq Ahmad   | Department of Computer Science, Department of Artificial Intelligence |
| 45 | Shape-Preserving Techniques with Fractional Order C1 Linear Trigonometric Spline  | Scientific Inquiry and Review                         | HEC Y | 8  | Dr Syed Khawar Nadeem Kirmani, Muhammad Awais, Raja Noshad Jamil  | Department of Computer Science, Department of Artificial Intelligence |
| 46 | Spectral Efficiency Maximization for Mixed-Structure Cognitive Radio Hybrid Wideband Millimeter-Wave Transceivers in Relay-Assisted Multi-User Multiple-Input Multiple-Output Systems | Sensors-MDPI  | HEC W | 24 | Dr Muhammad Adnan, Waqar Majeed Awan  | Department of Computer Science, Department of Electrical Engineering  |
| 47 | A Decade of the Database Systems Research with the Lens of PODS SIGMOD TODS and TKDE: A Bibliometric Perspective  | Serial Review   | HEC W | 50 | Muhammad Ishaq, Dr. Uzma Farooq, Muhammad Shoaib Farooq, Sumbal Nawaz, Kalsoom Fatima, Adnan Abid, Kashif Ishaq | Department of Computer Science, Department of Informatics and Systems |
| 48 | Innovative Transformation of S-Box Through Chaotic Map Using a Pragmatic Approach   | IEEE Access   | HEC W | 12 | Awais Salman Qazi, Dr Amjad Hussain Zahid   | Department of Computer Science, Department of Informatics and Systems |
| 49 | Unveiling the intricacies: Analytical insights into time and space fractional order inviscid burgers equations using adomian decomposition method                                     | Partial Differential Equations in Applied Mathematics | HEC X | 11 | Ms Iqra Javed, Shaukat Iqbal  | Department of Computer Science, Department of Informatics and Systems |

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| 50 | Magnetic microfluidics in 3D microchannel at the microscale: Unlocking nanoporous electrode potential for lithium-ion microbatteries | Energy Storage                                | HEC X | 6  | Adeel Ashraf, Shaukat Iqbal   | Department of Computer Science, Department of Informatics and Systems |
| 51 | Lysine Acetylation Site Prediction in Prokaryotes: A Deep Learning Approach  | Journal of Computing & Biomedical Informatics | HEC Y | 7  | Dr Malik Tahir Hassan, Dr Sajid Mahmood   | Department of Computer Science, Department of Informatics and Systems |
| 52 | A versatile dataset for intrinsic plagiarism detection text reuse analysis and author clustering in Urdu                             | Data in Brief                                 | HEC W | 52 | Muhammad Haseeb, Muhammad Faraz Manzoor, Muhammad Shoaib Farooq, Dr. Uzma Farooq  | Department of Computer Science, Department of Software Engineering    |
| 53 | An evaluation framework and comparative analysis of the widely used learning management systems                                      | PLOS ONE                                      | HEC W |    | Adnan Abid, Abdullah Hassan Tufail, Naeem A. Nawaz, Kashif Ishaq, Dr. Uzma Farooq | Department of Computer Science, Department of Software Engineering    |
| 54 | Empowering Collaborative Application Development: A Robust Framework for Ad-Hoc Distributed Systems                                  | IEEE Access                                   | HEC W | 12 | Imran Abbas Khawaja, Adnan Abid, Dr. Uzma Farooq                                  | Department of Computer Science, Department of Software Engineering    |
| 55 | DVFNet: A deep feature fusion-based model for the multiclassification of skin cancer utilizing dermoscopy images                     | Plos One                                      | HEC W |    | Ahmad Naeem, Dr Tayyaba Anees   | Department of Computer Science, Department of Software Engineering    |
| 56 | Federated learning with deep convolutional neural networks for the detection of multiple chest diseases using chest x-rays           | Multimedia Tools and Applications             | HEC W | 83 | Hassaan Malik, Dr Tayyaba Anees   | Department of Computer Science, Department of Software Engineering    |

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| 57 | Multi-modal deep learning methods for classification of chest diseases using different medical imaging and cough sounds  | Plos One                                      | HEC W |    | Hassaan Malik, Dr Tayyaba Anees                | Department of Computer Science, Department of Software Engineering |
| 58 | SNC_Net: Skin Cancer Detection by Integrating Handcrafted and Deep Learning-Based Features Using Dermoscopy Images   | Mathematics                                   | HEC W | 12 | Ahmad Naeem, Dr Tayyaba Anees                  | Department of Computer Science, Department of Software Engineering |
| 59 | Preprocessing convolutional neural networks based routing algorithm for PILOSS optical switching networks  | Optics Express                                | HEC W | 32 | Dr. Syed Baqar Hussain, Amber Sultan           | Department of Computer Science, Department of Software Engineering |
| 60 | A Multiclassification Framework for Skin Cancer detection by the concatenation of Xception and ResNet101   | Journal of Computing & Biomedical Informatics | HEC Y | 6  | Ahmad Naeem, Dr Tayyaba Anees                  | Department of Computer Science, Department of Software Engineering |
| 61 | TVET-SCon: A Unified Catalyst Framework for Enhancing Youth Employability  | VFAST Transactions on Software Engineering    | HEC Y | 12 | Rana Hammad Hassan, Dr Tayyaba Anees           | Department of Computer Science, Department of Software Engineering |
| 62 | Deep Learning Based Multi-Class Eye Disease Classification: Enhancing Vision Health Diagnosis  | Technical Journal                             | HEC Y | 29 | Jaweria Aslam, Sawaira Iqbal                   | Department of Computer Science, Department of Software Engineering |
| 63 | Insider threat mitigation: Systematic literature review  | Ain Shams Engineering Journal                 | HEC W | 15 | Usman Inayat, Mashaim Farzan, Dr Sajid Mahmood | Department of Informatics and Systems                              |
| 64 | Computational study of narrow bandgap double halide perovskites $\text{Rb}_2\text{TiRhX}_6$ ( $\text{X}=\text{Cl}$ , $\text{Br}$ , $\text{I}$ ) for energy harvesting applications | Physica Scripta                               | HEC W | 12 | Anwar ul Haq, Dr Muhammad Tahir Mushtaq        | Department of Informatics and Systems                              |
| 65 | Enhanced Fuzzy Logic Zone Stable Election Protocol for Cluster Head Election (E-FLZSEPFCH) and Multipath Routing in wireless sensor networks                                       | Ain Shams Engineering Journal                 | HEC W | 15 | Amjad Hussain Zahid, Ghulam Mustafa            | Department of Informatics and Systems                              |



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| 66 | Level up your coding: a systematic review of personalized cognitive and gamified learning in programming education | PeerJ Computer Science                          | HEC W | 10  | Kashif Ishaq, Atif Alvi, Arslan Anjum, Fawad Ali Khan | Department of Informatics and Systems |
| 67 | A Secure Authentication Framework for Consumer Mobile Crowdsourcing Networks                                       | IEEE Transactions on Consumer Electronics       | HEC W | 1   | Dr Muhammad Tanveer                                   | Department of Informatics and Systems |
| 68 | CMAF-IoT: Chaotic map-based authentication protocol for crowdsourcing Internet of Things                           | Arabian Journal for Science and Engineering     | HEC W | 49  | Dr Muhammad Tanveer                                   | Department of Informatics and Systems |
| 69 | Future-Proofing Security for UAVs With Post-Quantum Cryptography: A Review   | IEEE Open Journal of the Communications Society | HEC W | 5   | Dr Muhammad Tanveer                                   | Department of Informatics and Systems |
| 70 | LEAF-IIoT: Lightweight and Efficient Authentication Framework for the Industrial Internet of Things                | IEEE Access                                     | HEC W |     | Dr Muhammad Tanveer                                   | Department of Informatics and Systems |
| 71 | Lightweight authentication protocol for connected medical IoT through privacy-preserving access                    | Egyptian Informatics Journal                    | HEC W | 26  | Dr Muhammad Tanveer                                   | Department of Informatics and Systems |
| 72 | PAF-IoD: PUF-Enabled Authentication Framework for the Internet of Drones   | IEEE Transactions on Vehicular Technology       | HEC W | 12  | Dr Muhammad Tanveer                                   | Department of Informatics and Systems |
| 73 | PSAF-IoT: Physically Secure Authentication Framework for the Internet of Things                                    | IEEE Access                                     | HEC W | 12  | Dr Muhammad Tanveer                                   | Department of Informatics and Systems |
| 74 | RAM-MEN: Robust authentication mechanism for IoT-enabled edge networks   | Alexandria Engineering Journal                  | HEC W | 112 | Dr Muhammad Tanveer                                   | Department of Informatics and Systems |
| 75 | RAP-MEC: Robust Authentication Protocol for the Mobile Edge Computing Services                                     | IEEE Access                                     | HEC W | 9   | Dr Muhammad Tanveer                                   | Department of Informatics and Systems |
| 76 | SAAF-IoD: Secure and Anonymous Authentication Framework for the Internet of Drones                                 | IEEE Transactions on Vehicular Technology       | HEC W | 73  | Dr Muhammad Tanveer                                   | Department of Informatics and Systems |

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| 77 | SEAF-IoD: Secure and Efficient User Authentication Framework For the Internet of Drones                               | Computer Networks                                | HEC W | 247 | Dr Muhammad Tanveer                        | Department of Informatics and Systems |
| 78 | Securing the IoT-Enabled Smart Healthcare System: A PUF-Based Resource-Efficient Authentication Mechanism             | Heliyon  | HEC W | 9   | Dr Muhammad Tanveer                        | Department of Informatics and Systems |
| 79 | Computationally efficient deep learning models for diabetic retinopathy detection: a systematic literature review     | Artificial Intelligence Review                   | HEC W | 57  | Kashif Ishaq                               | Department of Informatics and Systems |
| 80 | Effect of learners' autonomy on academic motivation and university students' grit                                     | Education and Information Technologies           | HEC W | 29  | Kashif Ishaq                               | Department of Informatics and Systems |
| 81 | Resilient TCP Variant Enabling Smooth Network Updates for Software-Defined Data Center Networks                       | Tsinghua Science and Technology                  | HEC W | 29  | Abdul Basit                                | Department of Informatics and Systems |
| 82 | Enhancing driver attention and road safety through EEG-informed deep reinforcement learning and soft computing        | Applied Soft Computing                           | HEC W | 167 | Muhammad Jamshaid Iqbal                    | Department of Informatics and Systems |
| 83 | PAAF-SHS: PUF and authenticated encryption based authentication framework for the IoT-enabled smart healthcare system | Internet of Things                               | HEC X | 26  | Dr Muhammad Tanveer                        | Department of Informatics and Systems |
| 84 | An Intelligent Model for Predictions of PIWI-Interacting RNAs and Their Functions                                     | VFAST Transactions on Software Engineering       | HEC Y | 12  | Anam Umera, Dr Sajid Mahmood, Usman Inayat | Department of Informatics and Systems |
| 85 | Predicting and Characterizing piRNAs and their functions Using an Integrated Machine Learning Approach                | KIET Journal of Computing & Information Sciences | HEC Y | 7   | Usman Inayat, Anam Umera, Dr Sajid Mahmood | Department of Informatics and Systems |

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| 86 | Enhancing Management Strategies: Machine Learning and Creative Performance Insights in Employee Attrition Analysis and Prediction | International Journal of Innovations in Science & Technology         | HEC Y | 6  | Dr Muhammad Tahir Mushtaq, Ayesha Raza Toor                                   | Department of Informatics and Systems                                 |
| 87 | Enhancing Security in Mobile Cloud Computing: An Analysis of Authentication Protocols and Innovation                              | International Journal of Innovations in Science & Technology (IJIST) | HEC Y | 6  | Amna Shahzadi, Kashif Ishaq, , Naeem A. Nawaz, Ghulam Mustafa, Fawad Ali Khan | Department of Informatics and Systems                                 |
| 88 | Enhancing Cardiovascular Disease Risk Prediction Using Resampling and Machine Learning  | International Journal of Innovations in Science & Technology         | HEC Y | 6  | Farrukh Liaquat   | Department of Informatics and Systems                                 |
| 89 | A novel approach to intrusion detection using zero-shot learning hybrid partial labels  | Mehran University Research Journal of Engineering and Technology     | HEC Y |    | Mr Raybal Akhtar  | Department of Informatics and Systems                                 |
| 90 | Quantum Shield For IoT: Enhancing Bluetooth Security with a Novel Hybrid Encryption Algorithm                                     | The Asian Bulletin of Big Data Management                            | HEC Y | 4  | Mr Raybal Akhtar  | Department of Informatics and Systems                                 |
| 91 | Finite Element Approach for Rheological Behavior in Colloidal Electrolytes in Lithium-Ion Battery Performance                     | ACS Omega  | HEC W | 9  | Ahsan Raza, Shaukat Iqbal, Adeel Ashraf                                       | Department of Informatics and Systems, Department of Computer Science |
| 92 | TCP BBR-n interplay with modern AQM in Wireless-N/AC networks: Quest for the golden pair  | Plos One   | HEC W | 19 | Muhammad Ahsan  | Department of Software Engineering                                    |
| 93 | PlayerRank: Leveraging Learning-to-Rank AI for Player Positioning in Cricket  | IEEE Access  | HEC W |    | Dr. Muhammad Asad Arshed  | Department of Software Engineering                                    |
| 94 | Robust Parameter Optimisation of Noise-Tolerant Clustering for DENCLUE Using Differential Evolution                               | mathematics  | HEC W | 12 | Dr. Muhammad Asad Arshed, Saeed Ahmad   | Department of Software Engineering                                    |

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| 95  | Enhanced detection of diabetes mellitus using novel ensemble feature engineering approach and machine learning model                     | Scientific Reports   | HEC W | 14 | Furqan Rustam                                | Department of Software Engineering |
| 96  | Implementing federated learning over VPN-based wireless backhaul networks for healthcare systems   | PeerJ Computer Science   | HEC W | 10 | Atif Mahmood                                 | Department of Software Engineering |
| 97  | Pneumonia detection on chest X-rays from Xception-based transfer learning and logistic regression  | Technology and Health Care                                     | HEC W | 32 | Furqan Rustam                                | Department of Software Engineering |
| 98  | A 16 × 16 Patch-Based Deep Learning Model for the Early Prognosis of Monkeypox from Skin Color Images                                    | Computation  | HEC X | 12 | Dr. Muhammad Asad Arshed, Saeed Ahmad        | Department of Software Engineering |
| 99  | A Deep Learning Model for Detecting Fake Medical Images to Mitigate Financial Insurance Fraud  | Computation  | HEC X | 12 | Dr. Muhammad Asad Arshed, Saeed Ahmad        | Department of Software Engineering |
| 100 | Enhancing Weather Scene Identification Using Vision Transformer  | World Electric Vehicle Journal                                 | HEC X | 15 | Dr. Muhammad Asad Arshed, Hafiz Abdul Rehman | Department of Software Engineering |
| 101 | Unveiling AI-Generated Financial Text: A Computational Approach Using Natural Language Processing and Generative Artificial Intelligence | Computation  | HEC X | 12 | Dr. Muhammad Asad Arshed, Asma Iqbal         | Department of Software Engineering |
| 102 | Advanced AI Mechanics in Unity 3D for Immersive Gameplay. A Study on Finite State Machines & Artificial Intelligence                     | International Journal of Innovations in Science and Technology | HEC Y | 6  | Faria Nazir                                  | Department of Software Engineering |

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| 103 | Evaluation of Machine Learning Algorithms on Software Fault Estimation (SFE)  | VFAST Transactions on Software Engineering                      | HEC Y | 12 | Nosheen Qamer, Rehana Danial, Sanan Ahmed, Muhammad Bin Saleem, Faria Nazir, Hareem Aslam | Department of Software Engineering |
| 104 | Exploring Agile Testing Methodologies: A Perspective from the Software Industry   | International Journal of Innovations in Science & Technology    | HEC Y | 6  | Mahdia Shoaib, Eman Fatima, Dr Nosheen Qamar  | Department of Software Engineering |
| 105 | Plant Disease Detection Using Computational Approaches: A Systematic Literature Review  | International Journal of Innovations in Science & Technology    | HEC Y | 6  | Dr Nosheen Qamar  | Department of Software Engineering |
| 106 | Predicting Depression Among Type 2 Diabetic Patients Using Federated Learning   | International Journal of Innovations in Science & Technology    | HEC Y | 6  | Dr Nosheen Qamar  | Department of Software Engineering |
| 107 | AI-Powered Radiology: Enhancing Efficiency and Accuracy in Knee Osteoarthritis Diagnosis through Automated Bone Segmentation                      | Journal of Computing & Biomedical Informatics                   | HEC Y | 6  | Dr. Muhammad Asad Arshed  | Department of Software Engineering |
| 108 | AI Strategy in Healthcare CHRM: Analyzing the Influence Organization Effective Performance Evidence from the Private Hospitals of Lahore Pakistan | Journal of Health and Rehabilitation Research                   | HEC Y | 4  | Dr. Arfan Arshad  | Department of Software Engineering |
| 109 | AI-POWERED PEOPLE MANAGEMENT: REVOLUTIONIZING HR IN THE IT AND GAMING SECTORS A DESCRIPTIVE REVIEW  | International Journal of Contemporary Issues in Social Sciences | HEC Y | 3  | Dr. Arfan Arshad  | Department of Software Engineering |
| 110 | Artificial Intelligence in Information Technology: Enhancing Efficiency Security and Innovation A Descriptive Review                              | Spectrum of Engineering Sciences                                | HEC Y | 2  | Dr. Arfan Arshad  | Department of Software Engineering |

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| 111 | Impact of AI Integration on Innovation: The Mediating Role of Employee Empowerment and Development                           | Journal of Business and Management Research                  | HEC Y | 3  | Dr. Arfan Arshad   | Department of Software Engineering   |
| 112 | Information Technology Adoption Organization Performance and Organizational Agility: A Study of Small and Medium Enterprises | Journal of Excellence in Management Sciences                 | HEC Y | 3  | Dr. Arfan Arshad   | Department of Software Engineering   |
| 113 | The Evolving Landscape of User Experience in AI-Powered Games: A Multigenerational Perspective                               | Bulletin of Business and Economics                           | HEC Y | 13 | Dr. Arfan Arshad   | Department of Software Engineering   |
| 114 | The Role of IT Infrastructure in Enabling Remote Work: Productivity and Employee Satisfaction                                | Journal of Excellence in Social Sciences                     | HEC Y | 3  | Dr. Arfan Arshad   | Department of Software Engineering   |
| 115 | Machine Learning-Based Multi-Factorial Genetic Disorder Prediction System  | Journal of Computing & Biomedical Informatics                | HEC Y | 8  | Sadia Abbas Shah   | Department of Software Engineering   |
| 116 | Using Spatial Covariance of Geometric and Shape Based Features for Recognition of Basic and Compound Emotions                | International Journal of Innovations in Science & Technology | HEC Y | 6  | Dr Syed Farooq Ali, Faria Feroz, Junaid Jabbar Fiazi, Hassan Ali, Aadil Zia Khan, Raees Hafeez, Khalid Ijaz, Nadeem Arif | Department of Software Engineering, Department of Computer Science, Department of Artificial Intelligence, Department of Informatics and Systems |
| 117 | Roman urdu hate speech detection using hybrid machine learning models and hyperparameter optimization                        | scientific reports   | HEC W | 14 | Mr Waqar Ashiq, Samra Kanwal   | Department of Software Engineering, Department of Computer Science   |
| 118 | Multiclass AI-Generated Deepfake Face Detection Using Patch-Wise Deep Learning Model   | Computers  | HEC X | 13 | Dr. Muhammad Asad Arshed, Saeed Ahmad, Dr Muhammad Tanveer   | Department of Software Engineering, Department of Informatics and Systems  |

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| Sr.                | Title  | Journal Name   | Ranking | Name   | School | Department   |
| 1                  | Assessing the efficacy of cinnamon compounds against H. pylori through molecular docking MD Simulations and ADMET analyses | Plos one   | HEC W   | Muhammad Farhan Sarwar, Mudassar Fareed Awan, Sajed Ali, Muhammad Shafiq | KUCS   | Department of Biotechnology                          |
| 2                  | Chemical composition and antimicrobial study of Crossobamon orientalis body oil  | Heliyon  | HEC W   | Hammad Majeed, Mudassar Fareed Awan                                      | KUCS   | Department of Chemistry, Department of Biotechnology |
| 3                  | Noether symmetry in new extended modified $f(R, G, T)$ theory of gravity   | International Journal of Geometric Methods in Modern Physics | HEC W   | Adnan Malik  | KUCS   | Department of Mathematics                            |
| 4                  | Optical aspects of Born-Infeld BTZ black holes in massive gravity  | Physica Scripta  | HEC W   | Adnan Malik  | KUCS   | Department of Mathematics                            |
| 5                  | Particle Dynamics and Matter Accretion onto Non-linear Charged AdS Black Holes in Massive Gravity                          | Fortschritte der Physik                                      | HEC W   | Adnan Malik  | KUCS   | Department of Mathematics                            |
| 6                  | Physical physiognomies of hybrid Karmarkar stars   | Chinese Journal of Physics                                   | HEC W   | Adnan Malik  | KUCS   | Department of Mathematics                            |
| 7                  | Presence of exotic matter in Levia-Civita and cosmic string solutions  | International Journal of Geometric Methods in Modern Physics | HEC W   | Adnan Malik  | KUCS   | Department of Mathematics                            |
| 8                  | Slowly rotating relativistic stars in $f(R)$ theory of gravity   | Chinese Journal of Physics                                   | HEC W   | Adnan Malik  | KUCS   | Department of Mathematics                            |
| 9                  | Charged anisotropic compact stars in Ricci-inverse gravity   | European Physical Journal Plus                               | HEC W   | Adnan Malik  | KUCS   | Department of Mathematics                            |
| 10                 | Charged wormhole solutions utilizing Karmarkar condition in Ricci inverse gravity  | European Physical Journal Plus                               | HEC W   | Adnan Malik  | KUCS   | Department of Mathematics                            |
| 11                 | Dynamics of some cosmological solutions in modified $f(T, B)$ theory of gravity  | European Physical Journal Plus                               | HEC W   | Adnan Malik, Aimen Rauf  | KUCS   | Department of Mathematics                            |
| 12                 | Traversable wormhole solutions utilizing the Karmarkar condition in $f(R, g)$ gravity                                      | Communications in Theoretical Physics                        | HEC W   | Adnan Malik, Aimen Rauf  | KUCS   | Department of Mathematics                            |

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| 13 | A survey on enhancing grid flexibility through bidirectional interactive electric vehicle operations   | Energy Reports                   | HEC W | Zahid Ullah                  | KUEN | Department of Electrical Engineering |
| 14 | Design of solar thermal absorption air conditioning system using CO2 with synthetic building load  | Energy Conversion and Management | HEC W | Saad Dilshad                 | KUEN | Department of Electrical Engineering |
| 15 | Performance predication of a solar assisted desiccant air conditioning system using radial basis function neural network: An integrated machine learning approach                            | Heliyon                          | HEC W | Dr Sibghat Ullah             | KUEN | Department of Mechanical Engineering |
| 16 | Prediction of Solar PV Power Using Deep Learning With Correlation-Based Signal Synthesis   | IEEE Access                      | HEC W | Zahid Ullah                  | KUEN | Department of Electrical Engineering |
| 17 | The Insulation Performance of Novel Refrigerant Gas as an Alternative to SF <sub>6</sub> for Medium Voltage Switchgear   | IEEE ACCESS                      | HEC W | Zahid Ullah                  | KUEN | Department of Electrical Engineering |
| 18 | Evaluation of self-cleaning mechanisms for improving performance of roof-mounted solar PV panels: A comparative study  | PLoS One                         | HEC W | Allah Ditta, Sibghat Ullah   | KUEN | Department of Mechanical Engineering |
| 19 | A new (p; q)-rung orthopair fuzzy SIR method with a multi-criteria decision-making approach  | Granular Computing               | HEC W | Gulfam Shahzadi              | KUSC | Department of Mathematics            |
| 20 | A Novel Scheme for Construction of S-box using Action of Power Associative Loop and Its Applications in Text Encryption  | IEEE ACCESS                      | HEC W | Muhammad Asif, Sayeda Wajiha | KUSC | Department of Mathematics            |
| 21 | Bulk industrial textile production of bio scouring for cellulosic fabric utilizing indigenous hot springs triacylglycerol acylhydrolases from Bacillus toyonensis and Bacillus thuringiensis | Cellulose                        | HEC W | Hammad Majeed                | KUSC | Department of Chemistry              |
| 22 | Correction to: A decision-making technique under interval-valued Fermatean fuzzy Hamacher interactive aggregation operators  | Soft Computing                   | HEC W | Gulfam Shahzadi              | KUSC | Department of Mathematics            |
| 23 | Covalent Organic Frameworks: Synthesis and Applications for Photocatalysis   | ChemPhotoChem                    | HEC W | Dr Hammad Majeed             | KUSC | Department of Chemistry              |
| 24 | Decoupled extended spherical solutions in Rastall gravity  | European Physical Journal Plus   | HEC W | Mariyah Aslam, Adnan Malik   | KUSC | Department of Mathematics            |
| 25 | Ecofriendly reactive printing of cellulosic fabric with sustainable novel techniques   | Cellulose                        | HEC W | Dr Hammad Majeed             | KUSC | Department of Chemistry              |



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| 26 | Exploration of numerical simulation for unsteady Casson nanofluid thin film flow over stretching surface with mixed convection effects using Buongiorno's nanofluid model      | ZAMM  | HEC W | Musharafa Saleem, Muhammad Nazim Tufail, Zainab Fiaz                         | KUSC | Department of Mathematics   |
| 27 | Extension of guava shelf life through the application of edible coating formulated with mango and lemon leaves extracts  | Industrial Crops & Products                     | HEC W | Dr Hammad Majeed   | KUSC | Department of Chemistry     |
| 28 | Extraction and characterization of novel alternative cellulosic fiber for sustainable textiles from Aloe barbadensis Miller stems (agricultural waste)                         | Heliyon   | HEC W | Dr Hammad Majeed   | KUSC | Department of Chemistry     |
| 29 | Fractional dynamics study: analytical solutions of modified Kordeweg-de Vries equation and coupled Burger's equations using Aboodh transform                                   | scientific reports                              | HEC W | Dr Ali Abdullah  | KUSC | Department of Physics       |
| 30 | Green synthesis of Eucalyptus globulus zinc nanoparticles and its use in antimicrobial insect repellent paint formulation in bulk industrial production                        | Heliyon   | HEC W | Dr Hammad Majeed   | KUSC | Department of Chemistry     |
| 31 | Green synthesis of insecticidal bactericidal UV absorbent sustainable paint formulations using Mentha piperita (peppermint)  | Reaction Chemistry and Engineering              | HEC W | Dr Hammad Majeed   | KUSC | Department of Chemistry     |
| 32 | Green synthesis of zinc nanoparticles with plant material and their potential application in bulk industrial production of mosquito-repellent antibacterial paint formulations | Reaction Chemistry and Engineering              | HEC W | Dr Hammad Majeed   | KUSC | Department of Chemistry     |
| 33 | Green synthesis of zinc oxide nanoparticles for the industrial biofortification of (Pleurotus pulmonarius) mushrooms   | Heliyon   | HEC W | Dr Hammad Majeed   | KUSC | Department of Chemistry     |
| 34 | In-silico characterization of LSDV132 protein divulged its BCL-2-like nature   | Heliyon   | HEC W | Muhammad Farhan Sarwar, Qurat ul Ain Waseem, Mudassar Fareed Awan, Sajed Ali | KUSC | Department of Biotechnology |
| 35 | Lactic Acid and Hydroxyl Terminated Polybutadiene Assisted Synthesis of Vegetable Oil Based Polyurethanes for Sustained Drug Delivery Systems                                  | Journal of Drug Delivery Science and Technology | HEC W | Dr Hammad Majeed   | KUSC | Department of Chemistry     |

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| 36 | Light-driven C1 Chemical Conversion with LDH-based Nanomaterials  | Applied Clay Science                                | HEC W | Dr Hammad Majeed  | KUSC | Department of Chemistry     |
| 37 | Manganese tetraphenylporphyrin and carbon nanocoil interface-based electrochemical sensing of tyrosine  | RSC Advances  | HEC W | Shehla Mushtaq  | KUSC | Department of Chemistry     |
| 38 | Modelling of Hybrid Baryonic-Quark Matter in f (R) Gravity with scalar potential  | Annals of Physics                                   | HEC W | Adnan Malik, Mariyah Aslam  | KUSC | Department of Mathematics   |
| 39 | Multi-attribute decision-making using (p q)-rung orthopair fuzzy Hamacher interactive aggregation operators   | Granular Computing                                  | HEC W | Gulfam Shahzadi, Hadiqa Shehzadi  | KUSC | Department of Mathematics   |
| 40 | Multiattribute decision-making with (p q)-rung orthopair fuzzy sets   | Granular Computing                                  | HEC W | Gulfam Shahzadi, Rana Talha Ahmad   | KUSC | Department of Mathematics   |
| 41 | Multi-criteria group decision making through full multiplicative form under hesitant Fermatean fuzzy environment  | Granular Computing                                  | HEC W | Gulfam Shahzadi   | KUSC | Department of Mathematics   |
| 42 | Numerical comparison of nonlinear thermal radiation and chemically reactive bio-convection flow of Casson-Carreau nano-liquid with gyro-tactic microorganisms: Lie group theoretic approach | Heliyon   | HEC W | Musharafa Saleem  | KUSC | Department of Mathematics   |
| 43 | Over expression of modified Isomaltulose Synthase Gene II (ImSyGII) under single and double promoters drive unprecedented sugar contents in sugarcane                                       | PLOS ONE  | HEC W | Mudassar Fared Awan, Sajed Ali, Muhammad Farhan Sarwar, Muhammad Shafiq, Usman Arif | KUSC | Department of Biotechnology |
| 44 | Potential biological application of silver nanoparticles synthesized from Citrus paradisi leaves  | Scientific Reports                                  | HEC W | Dr Muhammad Ahmad Mudassir  | KUSC | Department of Chemistry     |
| 45 | Symmetry-based analysis of nonlinear mixed convection in 3D EMHD nano-Carreau fluid flow with Riga stretched surface effects and multi-physical interactions                                | ZAMM - Journal of Applied Mathematics and Mechanics | HEC W | Dr Musharafa Saleem   | KUSC | Department of Mathematics   |
| 46 | Synchronized effects of melting heat on aligned MHD Williamson nanofluid comprising microorganisms to the leading edge: a numerical approach  | Journal of Thermal Analysis and Calorimetry         | HEC W | Musharafa Saleem, Zaira Faheem  | KUSC | Department of Mathematics   |

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| 47 | Target prediction of potential candidate miRNAs from <i>Oryza sativa</i> to silence the <i>Pyricularia oryzae</i> genome in rice blast                    | Scienfice Reports   | HEC W | Tauheed Suddal, Mudassar Fareed Awan, Sajed Ali, <b>Muhammad Farhan Sarwar</b> | KUSC | Department of Biotechnology |
| 48 | Temporal changes in the levels of virus and betasatellite DNA in <i>B. tabaci</i> feeding on CLCuD affected cotton during the growing season              | Frontiers in Microbiology                                     | HEC W | Muhammad Shafiq  | KUSC | Department of Biotechnology |
| 49 | Titania–Graphene Oxide Nanocomposite-Based Philadelphia-Positive Leukemia Therapy   | ACS Applied Bio Materials                                     | HEC W | Muhammad Ahmad Mudassir  | KUSC | Department of Chemistry     |
| 50 | Transforming waste cellulosic fabric dyed with Reactive Yellow C4GL into value textile by a microwave assisted energy efficient system of color stripping | Heliyon   | HEC W | Sadia Noreen   | KUSC | Department of Chemistry     |
| 51 | Unravelling the role of microwave absorber in color stripping of a dyed natural polymeric material with microwave assisted method                         | Cellulose   | HEC W | Sadia Noreen   | KUSC | Department of Chemistry     |
| 52 | Exact perfect fluid interior solutions and slowly rotating relativistic stars   | The European Physical Journal Plus                            | HEC W | Adnan Malik  | KUSC | Department of Mathematics   |
| 53 | Existence of static wormhole solutions in $f(R,A)$ gravity  | Chinese Journal of Physics                                    | HEC W | Adnan Malik  | KUSC | Department of Mathematics   |
| 54 | Exploration of GUP-corrected Casimir wormholes in extended teleparallel gravity with matter coupling  | Nuclear Physics B   | HEC W | Adnan Malik  | KUSC | Department of Mathematics   |
| 55 | Exploring Gauss Bonnet gravity in the realm of Tolman-Kuchowicz spacetime   | International Journal of Geometric Methods in Modern Physics, | HEC W | Adnan Malik  | KUSC | Department of Mathematics   |
| 56 | Exploring the diversity of CFTR gene mutations in cystic fibrosis individuals of South Asia   | Journal of Asthma   | HEC W | Mudassar Fareed Awan   | KUSC | Department of Biotechnology |
| 57 | $f(R, T)$ gravity bouncing universe with cosmological parameters  | The European Physical Journal Plus                            | HEC W | Adnan Malik, Aimen Rauf  | KUSC | Department of Mathematics   |
| 58 | Fabrication of CuWO <sub>4</sub> @MIL-101 (Fe) nanocomposite for efficient OER and photodegradation of methylene blue                                     | Heliyon   | HEC W | Khalil Ahmad   | KUSC | Department of Chemistry     |
| 59 | Fate of charged wormhole structures utilizing Karmarkar approach  | New Astronomy   | HEC W | Adnan Malik  | KUSC | Department of Mathematics   |

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| 60 | Finch–Skea Stellar structures obeying Karmarkar condition in modified $f(G)$ gravity   | Chinese Journal of Physics                                    | HEC W | Adnan Malik                                     | KUSC      | Department of Mathematics |
| 61 | Images and stability of black hole with cloud of strings and quintessence in EGUP framework                                      | Nuclear Physics B   | HEC W | Adnan Malik                                     | KUSC      | Department of Mathematics |
| 62 | Impact of $f(Q)$ gravity on anisotropic compact star model and stability analysis  | Chinese Journal of Physics                                    | HEC W | Adnan Malik, Ayesha Almas                       | KUSC      | Department of Mathematics |
| 63 | Impact of Tolman–Kuchowicz potentials on Gauss–Bonnet gravity and isotropic stellar structures                                   | Chinese Journal of Physics                                    | HEC W | Adnan Malik                                     | KUSC      | Department of Mathematics |
| 64 | Joule–Thomson expansion and images of black hole in $SU(N)$ -non-linear sigma model  | The European Physical Journal C                               | HEC W | Adnan Malik                                     | KUSC      | Department of Mathematics |
| 65 | Stability analysis of isotropic compact stars in $f(R,T)$ gravity utilizing cracking technique                                   | Chinese Journal of Physics                                    | HEC W | Adnan Malik, Attiya Shafaq                      | KUSC      | Department of Mathematics |
| 66 | Thermodynamic topological classification of higher dimensional and massive gravity black holes                                   | Annals of Physics   | HEC W | Adnan Malik                                     | KUSC      | Department of Mathematics |
| 67 | Topological behavior of 3D regular black hole with zero point length   | Physics of the Dark Universe                                  | HEC W | Adnan Malik                                     | KUSC      | Department of Mathematics |
| 68 | Yukawa–Casimir wormholes in the framework of $f(R)$ gravity  | The European Physical Journal C                               | HEC W | Adnan Malik                                     | KUSC      | Department of Mathematics |
| 69 | THE SECURITY OF TEXT DATA BASED ON CYCLIC CODES OVER ALGEBRAIC STRUCTURE   | Thermal Science   | HEC W | Muhammad Asif                                   | KUSC      | Department of Mathematics |
| 70 | Synergistic effect of Cu/Ni cocatalysts on CdS for sun-light driven hydrogen generation from water splitting                     | International Journal of Hydrogen Energy                      | HEC W | Khalil Ahmad                                    | KUSC      | Department of Chemistry   |
| 71 | Novel approach to water-efficient bulk industrial textile printing production of cotton fabric                                   | International Journal of Biological Macromolecules            | HEC W | Hammad Majeed Mr Umair Mukhtar (SDT)            | KUSC      | Department of Chemistry   |
| 72 | Stability analysis of anisotropic stellar structures in Rastall theory of gravity utilizing cracking technique                   | Chinese Journal of Physics                                    | HEC W | Adnan Malik, Attiya Shafaq, Rubab Manzoor       | KUSC/ SSC | Department of Mathematics |
| 73 | Study of traversable wormhole solutions via Karmarkar condition in $f(R \setminus \phi X)$ theory of gravity                     | European Physical Journal Plus                                | HEC W | Adnan Malik, Abdul Qadeer, Syed Ali Mardan Azmi | KUSC/ SSC | Department of Mathematics |
| 74 | Biogenic synthesized nanocatalysts and their potential for the treatment of toxic pollutants: environmental remediation a review | International Journal of Environmental Science and Technology | HEC W | K. Ahmad, Muhammad Arif                         | KUSC/ SSC | Department of Chemistry   |

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| 75 | Tamarindus indica seed polysaccharide-copper nanocomposite: An innovative solution for green environment and antimicrobial studies                         | Heliyon  | HEC W | Dr Hammad Majeed, Muhammad Arif                              | KUSC/SSC | Department of Chemistry                   |
| 76 | Prospective prognostication: An examination of translanguaging in Pakistan's educational landscape through the lens of teachers' and students' perceptions | Language Teaching Research                                   | HEC W | Aqsa Atta  | KUSSH    | Department of Linguistics & Communication |
| 77 | Cyberbullying Detection and Abuser Profile Identification on Social Media for Roman Urdu   | IEEE Access  | HEC W | Dr Muhammad Wasim  | KUST     | Department of Computer Science            |
| 78 | Enhanced DDoS Detection Using Advanced Machine Learning and Ensemble Techniques in Software Defined Networking   | Computers Materials & Continua                               | HEC W | Hira Akhtar Butt, Mujeeb Ur Rehman                           | KUST     | Department of Computer Science            |
| 79 | LocustLens: leveraging environmental data fusion and machine learning for desert locust swarm prediction   | PeerJ Computer Science                                       | HEC W | Dr Muhammad Wasim  | KUST     | Department of Computer Science            |
| 80 | Semantic features analysis for biomedical lexical answer type prediction using ensemble learning approach  | Knowledge and Information Systems                            | HEC W | Fiza Gulzar Hussain, Muhammad Wasim, Sehrish Munawar Cheema, | KUST     | Department of Computer Science            |
| 81 | Organizational Structures for Sustainable Entrepreneurship: Insights from Family Businesses in Pakistan  | Remittances Review   | HEC X | Ms Saiqa Anwaar  | KUBEAC   | Department of Accounting                  |
| 82 | Physical Behavior of Anisotropic Quark Stars in Modified $f(R, T)$ Gravity   | International Journal of Theoretical Physics                 | HEC X | Adnan Malik  | KUCS     | Department of Mathematics                 |
| 83 | Relativistic configurations of Tolman Stellar structures in Gauss-Bonnet gravity   | International Journal of Geometric Methods in Modern Physics | HEC X | Adnan Malik, Humaira Asghar                                  | KUCS     | Department of Mathematics                 |
| 84 | Relativistic tolman stellar spheres in $f(R, \phi)$ theory of gravity  | International Journal of Geometric Methods in Modern Physics | HEC X | Adnan Malik, Abeera Sultana                                  | KUCS     | Department of Mathematics                 |
| 85 | Singularity-free anisotropic compact star in $f(R, \phi)$ gravity via Karmarkar condition  | International Journal of Geometric Methods in Modern Physics | HEC X | Adnan Malik, Ayesha Almas, Komal Saleem                      | KUCS     | Department of Mathematics                 |

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| 86 | Discussion of singularity-free embedding stellar structures in $f(R)$ gravity utilizing scalar potential  | International Journal of Geometric Methods in Modern Physics     | HEC X | Adnan Malik                                   | KUCS | Department of Mathematics                                  |
| 87 | Bouncing cosmology in Chern–Simons $f(R)$ gravity   | International Journal of Geometric Methods in Modern Physics     | HEC X | Adnan Malik                                   | KUCS | Department of Mathematics                                  |
| 88 | Charged stellar structure with Krori–Barua potentials in $f(R, \varphi, X)$ gravity admitting Chaplygin equation of state   | International Journal of Geometric Methods in Modern Physics     | HEC X | Adnan Malik                                   | KUCS | Department of Mathematics                                  |
| 89 | Dynamics of some compact structures and moment of inertia in $f(R, T)$ gravity  | International Journal of Geometric Methods in Modern Physics     | HEC X | Adnan Malik                                   | KUCS | Department of Mathematics                                  |
| 90 | Energy bounds in $f(R, T)$ gravity with anisotropic backgrounds   | International Journal of Geometric Methods in Modern Physics     | HEC X | Adnan Malik                                   | KUCS | Department of Mathematics                                  |
| 91 | Ancillary services from wind and solar energy in modern power grids: A comprehensive review and simulation study  | Journal of Renewable and Sustainable Energy                      | HEC X | Zahid Ullah                                   | KUEN | Department of Electrical Engineering                       |
| 92 | The study of an Economic Integration of a Microgrid for the University of Management and Technology Sialkot   | Mehran University Research Journal of Engineering and Technology | HEC X | Muhammad Mateen Afzal Awan, Syed Manzar Abbas | KUEN | Department of Electrical Engineering                       |
| 93 | EFFECTS OF ACTIVITY BASED SCAPULAR MOBILIZATION ON UPPER LIMB FUNCTION IN CHILDREN WITH ERBŐĈă, –ă, ĈS PALSY  | Journal of population therapeutics and clinical pharmacology     | HEC X | Faiza Altaf                                   | KUHS | Department of Physical Therapy                             |
| 94 | Pediatric Rehabilitation ForChildren With Cerebral Palsy Through Personalized Vibration Therapy Powered By Artificial Intelligence: An Innovative Approach To Reduce Spasticity And Improved Motor Function And Quality Of Life | Migration Letters  | HEC X | Syeda Tehreem Fatima, Hira Shujat             | KUHS | Department of Physical Therapy and Rehabilitation Sciences |

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| 95  | Exploring the therapeutic potential of <i>Caralluma fimbriata</i> for antioxidant and diabetes management: a 28-day rat model study   | Toxicology Research  | HEC X | Fahid Nazir, Shehla Mushtaq                    | KUHS, KU SC | Department of Nutrition and Dietetics, Department of Chemistry |
| 96  | A comprehensive examination of structural modifications optical characteristics and electrochemical analysis of magnesium-doped dysprosium chromite                                 | Journal of the Chinese Chemical Society                    | HEC X | Dr Ali Abdullah                                | KUSC        | Department of Physics  |
| 97  | A review on molecular scissoring with CRISPR/Cas9 genome editing technology   | Toxicology Research  | HEC X | Muskan Irfan, Hammad Majeed                    | KUSC        | Department of Biotechnology, Department of Chemistry           |
| 98  | Advanced composite material for high-performance supercapacitors: integrating graphene oxide and barium chromate  | Physica Scripta  | HEC X | Dr Ali Abdullah                                | KUSC        | Department of Physics  |
| 99  | Agricultural waste upcycling into improved production of triacyl glycerol acyl hydrolases   | Zeitschrift Fur Physikalische Chemie                       | HEC X | Dr Hammad Majeed                               | KUSC        | Department of Chemistry  |
| 100 | Climate resilience plastic degradation potential of <i>Pseudomonas putida</i> isolated from the soil of plastic waste dumping sites to reduce GHG emissions                         | Zeitschrift Fur Physikalische Chemie                       | HEC X | Dr Hammad Majeed                               | KUSC        | Department of Chemistry  |
| 101 | Comparative study of Hiemenz flow in hybrid Carreau nanofluid (Fe <sub>3</sub> O <sub>4</sub> -Cu/kerosene-engine oil): nonlinear effects Newtonian heating and viscous dissipation | International Journal of Modelling and Simulation          | HEC X | Musharafa Saleem, Ambar Shahzadi               | KUSC        | Department of Mathematics                                      |
| 102 | IMPACT OF OPTIMAL EXTRACTION ON PHARMACOLOGICAL ATTRIBUTES OF ARTEMISIA ABSINTHIUM LINN FROM PAKISTAN   | Journal of Population Therapeutics & Clinical Pharmacology | HEC X | Sajed Ali                                      | KUSC        | Department of Life Sciences                                    |
| 103 | Mercury removal from water: insights from MOFs and their composites   | Reviews in Inorganic Chemistry                             | HEC X | Kashaf Ul Khair, Khizar Qureshi, Hammad Majeed | KUSC        | Department of Chemistry  |
| 104 | Solving the fractional Fornberg-Whitham equation within Caputo framework using the optimal auxiliary function method  | PHYSICA SCRIPTA  | HEC X | Muhammad Nazim Tufail                          | KUSC        | Department of Mathematics                                      |
| 105 | Statistical approach for newly isolated and identified microbial lipases production   | Polymer Bulletin   | HEC X | Dr Hammad Majeed                               | KUSC        | Department of Chemistry  |
| 106 | Study of anti-inflammatory and anti-arthritic potential of curcumin-loaded Eudragit L100 and hydroxy propyl methyl cellulose (HPMC) microparticles                                  | Polymer Bulletin   | HEC X | Khalil Ahmad, Hammad Majeed                    | KUSC        | Department of Chemistry  |

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| 107 | Synthesis of protein-based catalyst for multi-industrial applications by using agriculture and industrial waste  | Polymer Bulletin   | HEC X | Dr Hammad Majeed  | KUSC     | Department of Chemistry                   |
| 108 | The Global Impact of COVID-19: A Comprehensive Analysis of Its Effects on Various Aspects of Life  | Toxicology Research  | HEC X | Nabiha Naveed, Hammad Majeed, Khizar Qureshi, Hammad Majeed, Fozia Noreen, Muhammad Awais Amin , Hifza Batool | KUSC     | Department of Chemistry                   |
| 109 | The study of regression model based on CoM-polynomial in blood cancer drug properties  | Partial Differential Equations in Applied Mathematics        | HEC X | Asma Jabeen, Shahzad Ahmad  | KUSC     | Department of Mathematics                 |
| 110 | Visual and Sensitive Detection of Milk Adulterant Melamine by Localized Surface Plasmon Resonance Optical Characteristics of Ag-MOF@ Fe/SnO <sub>2</sub> Nanocomposite.                                    | plasmonics   | HEC X | Tabinda Malik   | KUSC     | Department of Chemistry                   |
| 111 | Investigation of charged stellar structures in $f(R, \phi)$ gravity using Reissner-Nordstrom geometry  | International Journal of Geometric Methods in Modern Physics | HEC X | Adnan Malik, Asma Jabeen  | KUSC     | Department of Mathematics                 |
| 112 | Temporal and thermal dynamics exploration of different detergents' formulations components on fungal alkaliphilic lipases stability  | Zeitschrift fur Physikalische Chemie                         | HEC X | Hammad Majeed   | KUSC     | Department of Chemistry                   |
| 113 | Upcycling of the industrial waste as a sustainable source of axenic fungal strain ( <i>Aspergillus oryzae</i> ) for scale up enzymatic production with kinetic analysis and Box–Behnken design application | Zeitschrift fur Physikalische Chemie                         | HEC X | Hammad Majeed   | KUSC     | Department of Chemistry                   |
| 114 | Detailed analysis of the relativistic configuration of Bardeen anisotropic spheres in modified $f(R)$ gravity  | Communications in Theoretical Physics                        | HEC X | Adnan Malik, Ayesha Almas, Rubab Manzoor  | KUSC/SSC | Department of Mathematics                 |
| 115 | A critical discourse analysis of narrative discrepancies in Pakistani news channel headlines   | Cogent Arts & Humanities                                     | HEC X | Ms Manal Aqil   | KUSSH    | Department of Linguistics & Communication |
| 116 | Chinas Evolving Response to the US-Led International Order and its Impact on Global Governance   | Islamabad Policy Research Institute. IPRI Journal            | HEC X | Ms Asia Maqsood   | KUSSH    | Department of International Relations     |



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| 117 | Exploring Gender Dynamics in Indian and Pakistani English Poetry: A Comparative Pragma-Styletic Examination                       | WORD   | HEC X | Seemab jamil   | KUSSH | Department of Linguistics & Communication |
| 118 | Classification of Vascular Dementia on magnetic resonance imaging using deep learning architectures                               | Intelligent Systems with Applications<br>ACM                               | HEC X | Hina Tufail,<br>Abdul Ahad,<br>Mustahsan<br>Hammad Naqvi,<br>Rahman<br>Magsood | KUST  | Department of Computer Science            |
| 119 | Transformer-Based Topic Modeling for Urdu Translations of the Holy Quran  | Transactions on Asian and Low-Resource Language Information Processing     | HEC X | Muhammad Wasim, Shaista Zulfiqar   | KUST  | Department of Computer Science            |
| 120 | Exploring the interplay in gaming addiction social behavior sleep deprivation and academic performance among university students. | Pakistan Islamicus (An International Journal of Islamic & Social Sciences) | HEC Y | Shammem Akhtar   | ICP   | Department of Clinical Psychology         |
| 121 | Exploring the Links Between Social Media Addiction Body Satisfaction and Subjective Well-Being Among Adolescents.                 | Journal of Asian Development Studies                                       | HEC Y | Shammem Akhtar   | ICP   | Department of Clinical Psychology         |
| 122 | Exploring The Relationship Between Bullying Academic Achievement And Social Behavior Among University Students.                   | Journal of Policy Research   | HEC Y | Shammem Akhtar   | ICP   | Department of Clinical Psychology         |
| 123 | Relationship Between Locus of Control Paranormal Beliefs And Magical Ideation Among Young Adults of Pakistan                      | Journal of Rawaplindi Medical College                                      | HEC Y | Shammem Akhtar   | ICP   | Department of Clinical Psychology         |
| 124 | The role of body image social support and antepartum depression among pregnant women  | Pakistan Islamicus (An International Journal of Islamic & Social Sciences) | HEC Y | Shammem Akhtar   | ICP   | Department of Clinical Psychology         |
| 125 | The role of emotion regulation stress and binge eating in women with polycystic ovary syndrome (PCOS).                            | Pakistan Islamicus (An International Journal of Islamic & Social Sciences) | HEC Y | Shammem Akhtar   | ICP   | Department of Clinical Psychology         |
| 126 | Unwilling the Smartphone Addiction Fear of Missing Out and Mental Health Issues in Youth.   | Journal of Asian Development Studies                                       | HEC Y | Shammem Akhtar   | ICP   | Department of Clinical Psychology         |

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| 127 | Investigating Factors Impacting the Use of Ride-Hailing Service Applications  | International Journal of Management Research and Emerging Sciences | HEC Y | Muhammad Khalid Iqbal, Amjad Ali              | KUBEAC        | Department of Marketing  |
| 128 | THE MULTILEVEL INTERPLAY OF ETHICAL LEADERSHIP WITH LEADER IDENTIFICATION AND AUTONOMOUS MOTIVATION TO CULTIVATE GREEN BEHAVIOUR PRACTICES                        | International Journal of Contemporary Issues in Social Sciences    | HEC Y | Mah Noor Shehzadi, Aqsa Shabbir, Numair Nisar | KUBEAC        | Department of Finance  |
| 129 | The concept of Islamic Financial Management in the light of Quranic Teachings: A way forward to Organizations   | Pakistan Social Sciences Review                                    | HEC Y | Dr. Shahid Latif, Asjad Ali, Abdul Aleem      | KUBEAC, KUSSH | Department of Accounting, Department of Islamic Thought and Civilization |
| 130 | Estimation of airship states and model uncertainties using nonlinear estimators   | Mehran University Research Journal of Engineering and Technology   | HEC Y | Muhammad Mateen Afzal Awan                    | KUEN          | Department of Electrical Engineering                                     |
| 131 | Maximizing off-grid solar photovoltaic system efficiency through cutting-edge performance optimization technique for incremental conductance algorithm            | Mehran University Research Journal of Engineering and Technology   | HEC Y | Usman Naeem, Muhammad Mateen Afzal Awan       | KUEN          | Department of Electrical Engineering                                     |
| 132 | Optimization of MPPT perturb and observe algorithm for a standalone solar PV system   | Mehran University Research Journal of Engineering and Technology   | HEC Y | Muhammad Rehan, Muhammad Mateen Afzal Awan    | KUEN          | Department of Electrical Engineering                                     |
| 133 | Comparative Effectiveness of Scapular Stabilization Exercises with and Without Deep Breathing on Pain and Chest Expansion in Patients with Scapulocostal Syndrome | Journal of Health and Rehabilitation Research                      | HEC Y | Dr Hamza Zahid                                | KUHS          | Department of Physical Therapy   |
| 134 | Dietary Modifications for the Malnourished Children with Cerebral Palsy   | Journal of Health and Rehabilitation Research                      | HEC Y | Fizza Yousaf, Wajeelha Kaynat                 | KUHS          | Human Nutrition & Dietetics  |
| 135 | Effectiveness of Abdominal Activation on Motor Control in Diplegic Cerebral Palsy: A Randomized Control Trial   | Pakistan Journal of medical and Health Sciences                    | HEC Y | Faiza Altaf                                   | KUHS          | Department of Physical Therapy and Rehabilitation Sciences               |

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| 136 | Immediate and Prolonged Effects of Breathing Exercises on Pain Quality of Life & Functional Disability in Patient of Upper Cross Syndrome: A Randomized controlled trial    | journal of health and rehabilitation research      | HEC Y | Amna, Syeda Khadija Kazmi  | KUHS  | Department of Physical Therapy and Rehabilitation Sciences |
| 137 | Exploring the Efficacy of Kinesio Taping as an Adjunct Treatment for Knee Osteoarthritis Grade 1 & 2: A Quasi-Experimental Study  | PAKISTAN JOURNAL OF HEALTH SCIENCES                | HEC Y | Danyal Ahmad, Hamza Zahid, Faiza Altaf, Ramish Sarfraz, Syeda Khada Kazmi                                      | KUHS  | Department of Physical Therapy and Rehabilitation Sciences |
| 138 | Prevalence and Effects of Plantar Fasciitis on Functional Activities among Doctors and Nurses in Sialkot a CrossSectional Survey  | Journal of Health & Rehabilitation Research        | HEC Y | Danyal Ahmad, Amna Sattar, Zara Zulfiqar, Zainab Afzal, Quratul Ain, Hira Ashiq, Shinza Khalil, Muattar Batool | KUHS  | Department of Physical Therapy and Rehabilitation Sciences |
| 139 | The Effectiveness of SLR Stretching and Pelvic Tilt Control Stretching on SLR Range Among Asymptomatic Females with Hamstring Tightness                                     | Journal of health and rehabilitation research      | HEC Y | Ms Ayesha Iqbal  | KUHS  | Department of Physical Therapy and Rehabilitation Sciences |
| 140 | ISOLATION AND SCREENING OF THERMOPHILIC BACTERIA AND ITS SUBSEQUENT EVALUATION FOR LIPASES PRODUCTION   | Pakistan Journal of Botany                         | HEC Y | Dr Hammad Majeed   | KUSC  | Department of Chemistry                                    |
| 141 | Numerical simulations of Williamson fluid containing hybrid nanoparticles via Keller box technique  | Discover Applied Sciences                          | HEC Y | Shahzad Ahmad  | KUSC  | Department of Mathematics                                  |
| 142 | Artificial Intelligence in Journalism: Examining Prospectus and Obstacles for Students in the Domain of Media   | Journal of Asian Development Studies               | HEC Y | Muhammad Husnain, Ali Imran  | KUSSH | Department of Media and Communications                     |
| 143 | Consumer Protection in Pakistans Digital Economy: Assessing the Legal Framework for Safeguarding Consumers in E-commerce Ensuring Product Safety and Combating Online Scams | Pakistan Journal of Humanities and Social Sciences | HEC Y | Mr Muhammad Shoaib Jamil   | KUSSH | Department of International Relations                      |
| 144 | Deciphering Linguistic forms functions and Pragmatic: an Eco-Linguistic analysis of environmental Campaign Sloganss   | Panacea Journal of Linguistics & Literature (PJLL) | HEC Y | Tayyba Rashid, Hajira Khalid Sair, Tayyaba Khalid, Ayesha Hamid  | KUSSH | Department of Linguistics & Communication                  |
| 145 | Cultural Hybridity in Nafisa Haji's Fiction 'The Writing On My Forehead'  | Pakistan Languages and Humanities Review           | HEC Y | Ms Manal Aqil  | KUSSH | Department of Linguistics & Communication                  |

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| 146 | Deciphering the Digital Vernacular: A Study of Generation Z Slang on Social Media Platforms  | Pakistan Languages and Humanities Review                 | HEC Y | Saba Tufail, Madya Asgher, Ihsan Ali   | KUSSH | Department of Linguistics & Communication      |
| 147 | Dichotomy of Destiny: Unveiling Class Struggle in The School for Good and Evil   | Pakistan Languages and Humanities Review                 | HEC Y | Hajira Khalid Sair, Hadiqa Rehan, Eman Zahid   | KUSSH | Department of Linguistics & Communication      |
| 148 | Economic Policies of Developed Countries in the Perspective of Islamic Teachings: Counter Economic Terrorism Strategies towards Islamic Developing Countries | Islamic Studies Research Journal Abhath                  | HEC Y | Muhammad Kalim Ullah Khan  | KUSSH | Department of Islamic Thought and Civilization |
| 149 | Exploration of Speaking Multiple Languages Effect on Cognitive Flexibility and Problem-solving Skills  | Pakistan Journal of Humanities and Social Sciences       | HEC Y | Madya Asgher   | KUSSH | Department of Linguistics & Communication      |
| 150 | Islamic Perspective on Leadership and Management   | Tanazur  | HEC Y | Dr Hammad Ullah Khan   | KUSSH | Department of Islamic Thought and Civilization |
| 151 | Orality and Spelling Economy in Written Platform: An Analysis of the Facebookers's Comments  | International Journal of Social Science Archives (IJSSA) | HEC Y | Syeda Asia Fatima, Seemab Jamil Ghouri   | KUSSH | Department of Linguistics & Communication      |
| 152 | Politics of Fantasy as a Manifestation of Female Agency in Bulbbul   | International Journal of Human and Society (IJHS)        | HEC Y | Maria Naseem   | KUSSH | Department of Linguistics & Communication      |
| 153 | Role of Orientalists in Islamic Authorship and Research: A Scholarly Stud  | Al-Qamar   | HEC Y | Muhammad Toseef, Muhammad Kalim Ullah Khan   | KUSSH | Department of Islamic Thought and Civilization |
| 154 | Sign Language Syllabus Designing For Pakistani Learners With Auditory Impairment: A Needs Analysis   | International Journal of Human and Society (IJHS)        | HEC Y | Maria Naseem   | KUSSH | Department of Linguistics & Communication      |
| 155 | Social Media and Political Polarization in Pakistan: A Case Study of Pakistani Youth   | Journal of Arts and Linguistics Studies                  | HEC Y | Asia Maqsood, Rabia Ashraf, Nazish Moazzam, Yasir Saleem, Muhammad Usman Butt, Abdur Rehman Butt | KUSSH | Department of International Relations          |

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| 156 | The Editorial Treatment of Pakistani Elite Press on Panama Leaks Issue: A Study of Dawn and The Nation           | Journal of Arts and Linguistics Studies                         | HEC Y | Abdul Rehman Butt, Zyman Amjad, Rameen Rasheed, Muhammad Husnain | KUSSH | Department of Media and Communications         |
| 157 | Translation and Loss of Meaning: A Critical Analysis of Faiz Ahmed Faiz's poetry                                 | International Journal of Social Science Archives                | HEC Y | Hina sadia   | KUSSH | Department of Linguistics & Communication      |
| 158 | UNVEILING THE SUBVERSIVE: A FEMINIST CRITIQUE OF GENDER POWER AND RESISTANCE IN TEHMINA DURRANIS BLASPHEMY       | International Journal of Contemporary Issues in Social Sciences | HEC Y | Mr Samar Muhammad Ali  | KUSSH | Department of Linguistics & Communication      |
| 159 | Use of Eclectic Approach as the Medium of Transition: A Shift from Grammar Translation Method to Direct Method   | Harf-o-Suhan  | HEC Y | Madya Asgher   | KUSSH | Department of Linguistics & Communication      |
| 160 | برصغیر پاک و ہند میں تعامل بین المذاہب: وحدت ادیان اور پاکستان پر حالیہ استعماری اثرات: ایک جائزہ                | Al-Manhal   | HEC Y | Asma Waseem, Muhammad Kalim Ullah Khan                           | KUSSH | Department of Islamic Thought and Civilization |
| 161 | سورہ بقرہ میں عبادات سے متعلق فقہی مباحث: عربی تفاسیر کا تجزیاتی مطالعہ  | Al-Amr Research Journal for Islamic Studies                     | HEC Y | Muhammad Tasleem, Asjad Ali, Abdul Aleem                         | KUSSH | Department of Islamic Thought and Civilization |
| 162 | عصر حاضر میں شخصیت کی تعمیر: نفسیاتی اثرات اور اسلامی تعلیمات  | Al-Nasr   | HEC Y | Dr Muhammad Kalim Ullah Khan                                     | KUSSH | Department of Islamic Thought and Civilization |
| 163 | مالی کرپشن کا خاتمہ اور اسلامی معاشی اصول و ضوابط: ایک تجزیاتی مطالعہ  | Al-Amr Research Journal for Islamic Studies                     | HEC Y | Asjad Ali, Abdul Aleem   | KUSSH | Department of Islamic Thought and Civilization |
| 164 | Economic Measures and Social Stability in the Prophetic Era (SAW): An Adaptive Study in the Contemporary Context |   | HEC Y | Abdul Aleem, Asjad Ali   | KUSSH | Department of Islamic Thought and Civilization |
| 165 | Design Development and Deployment of an IoT-Enabled Solar Energy Meter   | Journal of Computing & Biomedical Informatics                   | HEC Y | Ishteeaq Naeem   | KUST  | Department of Computer Science                 |
| 166 | Diagnosing Glaucoma Using Fundus Images  | Journal of Computing & Biomedical Informatics                   | HEC Y | Mohabbat Ali   | KUST  | Department of Information Systems              |

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| 167 | Emotion Detection for Cryptocurrency Tweets Using Machine Learning Algorithms   | The Nucleus  | HEC Y | Mujeeb Ur Rehman, Mumtaz Ali Shah, Akbar Hussain                | KUST | Department of Computer Science |
| 168 | Exploring Advanced Scheduling Techniques: RR and MARR for OS and Cloud Optimization                                       | International Journal of Information Systems and Computer Technologies | HEC Y | Maryam Baig, Mujeeb Ur Rehman                                   | KUST | Department of Computer Science |
| 169 | Internet of Vehicles Environment Verification of Authentication Protocols using Formal Analysis: A Survey                 | The Nucleus  | HEC Y | Dr Mujeeb Ur Rehman   | KUST | Department of Computer Science |
| 170 | PRO-Net: A Novel Framework for Augmenting Android Security against Botnets and Malware through Advanced Detection Metrics | The Sciencetech  | HEC Y | Iqra Pervaiz, Rutaba Irfan, Mujeeb Ur Rehman, Zoraiz Ali        | KUST | Department of Computer Science |
| 171 | Workload Characterization and Adaptive Resource Allocation in Edge-Cloud Environments using Bi-Directional LSTM Networks  | Kashf Journal of Multidisciplinary Research                            | HEC Y | Mujeeb Ur Rehman, Zunaira Rashid, Akbar Hussain, Imtiaz Hussain | KUST | Department of Computer Science |

| UMT Research Outlook 2024                                    |              |            |            |            |
|--|--------------|------------|------------|------------|
| Dr Hasan Murad School of Management (HSM)                    |              |            |            |            |
| Department   | Publications | W Category | X Category | Y Category |
| Department of Banking and Finance                            | 28           | 4          | 8          | 16         |
| Department of Economics and Quantitative Methods             | 57           | 24         | 10         | 23         |
| Department of Information System                             | 5            | 2          | 2          | 1          |
| Department of Management                                     | 22           | 7          | 3          | 12         |
| Department of Marketing                                      | 5            | 3          | 2          | 0          |
| Department of Operations and Supply Chain                    | 9            | 6          | 1          | 2          |
| <b>Total</b>   | <b>126</b>   | <b>46</b>  | <b>26</b>  | <b>54</b>  |
| Institute of Aviation Studies (IAS)                          |              |            |            |            |
| Institute of Aviation Studies                                | 5            | 3          | 0          | 2          |
| Institute of Islamic Perspectives and Guidance (IIPG)        |              |            |            |            |
| Institute of Islamic Perspectives and Guidance               | 4            | 0          | 0          | 4          |
| Office of Research, Innovation, and Commercialization (ORIC) |              |            |            |            |
| KRSS   | 11           | 0          | 0          | 11         |
| ODR  | 39           | 21         | 6          | 12         |
| ORIC   | 1            | 0          | 0          | 1          |
| <b>Total</b>   | <b>51</b>    | <b>21</b>  | <b>6</b>   | <b>24</b>  |
| School of Architecture and Planning (SAP)                    |              |            |            |            |
| Department of Architecture                                   | 56           | 4          | 10         | 42         |
| Department of City and Regional Planning                     | 4            | 1          | 0          | 3          |
| <b>Total</b>   | <b>60</b>    | <b>5</b>   | <b>10</b>  | <b>45</b>  |
| School of Commerce and Accountancy (SCA)                     |              |            |            |            |
| School of Commerce and Accountancy                           | 14           | 0          | 2          | 12         |
| School of Design and Textiles (SDT)                          |              |            |            |            |
| School of Design and Textiles                                | 18           | 5          | 4          | 9          |
| School of Engineering (SEN)                                  |              |            |            |            |
| Department of Civil Engineering                              | 10           | 6          | 0          | 4          |
| Department of Electrical Engineering                         | 8            | 8          | 0          | 0          |
| Department of Mechanical Engineering                         | 7            | 6          | 0          | 1          |
| <b>Total</b>   | <b>25</b>    | <b>20</b>  | <b>0</b>   | <b>5</b>   |
| School of Food and Agricultural Sciences (SFAS)              |              |            |            |            |
| Department of Food Science and Technology                    | 29           | 19         | 7          | 3          |
| Department of Human Nutrition and Dietetics                  | 19           | 9          | 6          | 4          |
| <b>Total</b>   | <b>48</b>    | <b>28</b>  | <b>13</b>  | <b>7</b>   |

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|---|------------|------------|------------|-----------|
| <b>School of Governance and Society (SGS)</b>               |            |            |            |           |
| School of Governance and Society                            | 8          | 4          | 1          | 3         |
| <b>School of Health Sciences (SHS)</b>                      |            |            |            |           |
| Department Biomedical Laboratory Sciences                   | 7          | 1          | 0          | 6         |
| Department Medical Imaging & Ultrasonography                | 5          | 0          | 2          | 3         |
| Department of Clinical Services                             | 12         | 0          | 1          | 11        |
| Department of Nutrition & Dietetics                         | 10         | 0          | 1          | 9         |
| Department of Physical Therapy and Rehabilitation           | 46         | 6          | 8          | 32        |
| <b>Total</b>  | <b>80</b>  | <b>7</b>   | <b>12</b>  | <b>61</b> |
| <b>School of Liberal Arts (SLA)</b>                         |            |            |            |           |
| Center for Languages (CFL)                                  | 12         | 0          | 0          | 12        |
| Department of English and Literary Studies                  | 36         | 1          | 4          | 31        |
| Department of Linguistics and Communications                | 31         | 0          | 4          | 27        |
| <b>Total</b>  | <b>79</b>  | <b>1</b>   | <b>8</b>   | <b>70</b> |
| <b>School of Law and Policy (SLP)</b>                       |            |            |            |           |
| School of Law and Policy                                    | 12         | 0          | 0          | 12        |
| <b>School of Media and Communication Studies (SMCS)</b>     |            |            |            |           |
| School of Media and Communication Studies                   | 21         | 0          | 1          | 20        |
| <b>School of Professional Advancement (SPA)</b>             |            |            |            |           |
| School of Professional Advancement                          | 5          | 1          | 1          | 3         |
| <b>School of Pharmacy (SPH)</b>                             |            |            |            |           |
| School of Pharmacy  | 25         | 10         | 9          | 6         |
| <b>School of Professional Psychology (SPP)</b>              |            |            |            |           |
| Department of Applied Psychology                            | 30         | 0          | 2          | 28        |
| Department of Clinical Psychology                           | 21         | 3          | 2          | 16        |
| <b>Total</b>  | <b>51</b>  | <b>3</b>   | <b>4</b>   | <b>44</b> |
| <b>School of Science (SSC)</b>                              |            |            |            |           |
| Department of Chemistry                                     | 119        | 77         | 32         | 10        |
| Department of Life Sciences                                 | 55         | 35         | 14         | 6         |
| Department of Mathematics                                   | 139        | 80         | 45         | 14        |
| Department of Physics                                       | 47         | 31         | 15         | 1         |
| <b>Total</b>  | <b>360</b> | <b>223</b> | <b>106</b> | <b>31</b> |
| <b>School of Social Sciences and Humanities (SSS&amp;H)</b> |            |            |            |           |
| Department of Education                                     | 87         | 4          | 5          | 78        |
| Department of Islamic Thought and Civilization              | 21         | 0          | 1          | 20        |



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| Department of Political Science and International Relations | 51          | 6          | 3          | 42         |
| Department of Sociology                                     | 8           | 1          | 0          | 7          |
| <b>Total</b>  | <b>167</b>  | <b>11</b>  | <b>9</b>   | <b>147</b> |
| <b>School of Systems and Technology (SST)</b>               |             |            |            |            |
| Department of Artificial Intelligence                       | 9           | 5          | 0          | 4          |
| Department of Computer Science                              | 53          | 36         | 5          | 12         |
| Department of Informatics and Systems                       | 29          | 21         | 1          | 7          |
| Department of Software Engineering                          | 27          | 7          | 5          | 15         |
| <b>Total</b>  | <b>118</b>  | <b>69</b>  | <b>11</b>  | <b>38</b>  |
| <b>Total</b>  | <b>1277</b> | <b>457</b> | <b>223</b> | <b>597</b> |

|                       |             |            |            |            |
|-----------------------|-------------|------------|------------|------------|
| <b>Lahore Campus</b>  | 1277        | 457        | 223        | 597        |
| <b>Sialkot Campus</b> | 171         | 80         | 39         | 52         |
| <b>Grand Total</b>    | <b>1448</b> | <b>537</b> | <b>262</b> | <b>649</b> |