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RESEARCH



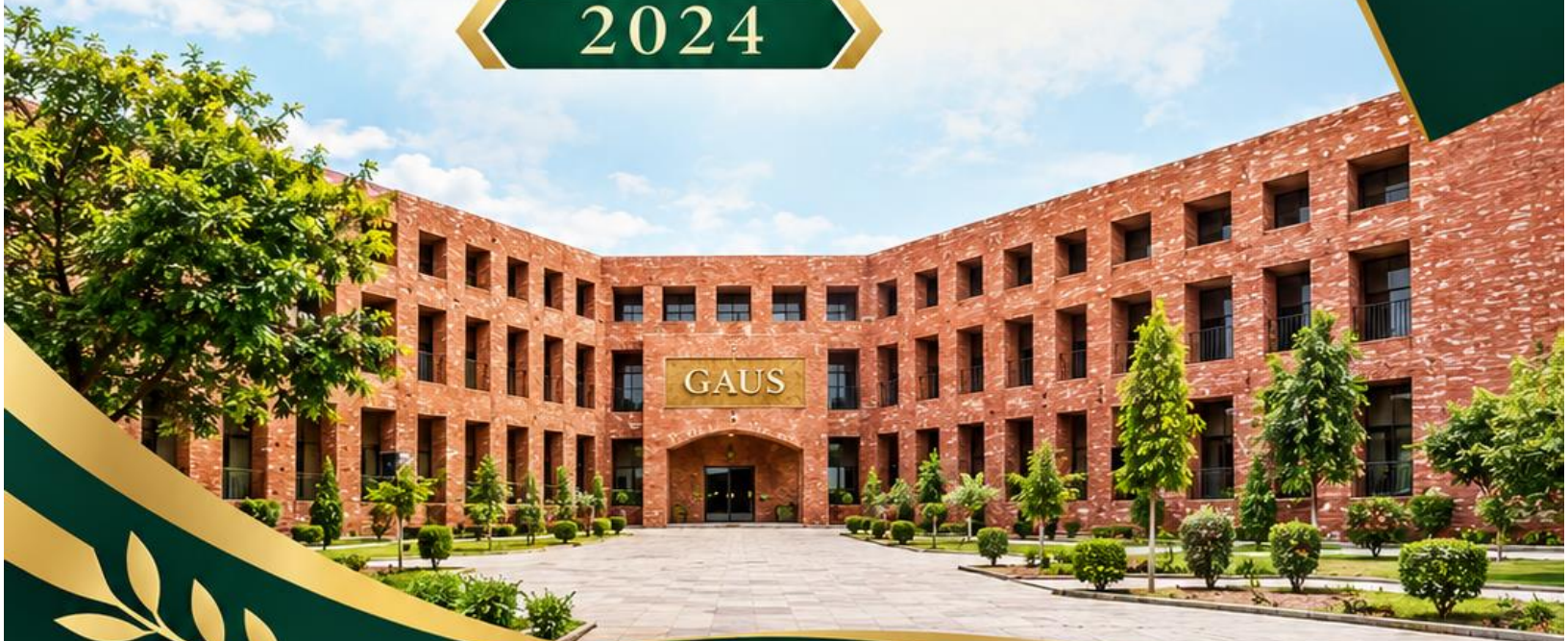
INNOVATION



COLLABORATION



GLOBAL IMPACT



SUSTAINABLE
DEVELOPMENT
GOALS

*Research for
People, Planet and
Prosperity*



Sr. No.	Faculty	Department	Name of Author	Title of Research Publication	Journal Name, Volume (Issue)
1	Engineering	Mechanical Eng.	Engr. Haider Nawaz	Multi-objective RSM-based optimization of diesel-diethyl ether blends in diesel engine to achieve sustainable development goals	Case Studies in Thermal Engineering 59 (2024) 104542
2	Law	Law	Dr. Mian Muhammad Sheraz	Cybercrime Legislation And Enforcement In Pakistan: Assessing Gaps And Solutions	Migration Letters/ Vol. 21 (9)
3	Law	Law	Aisha Warraich	The role of international criminal court combating for War crimes	International Journal of Human and Society (IJHS)/ Vol. 4 (2)
4	Law	Law	Aisha Warraich	Consumer Protection in Pakistan's Digital Economy: Assessing the Legal Framework for Safeguarding Consumers in E-warcommerce, Ensuring Product Safety, and Combating Online Scams	Pakistan Journal of Humanities and Social Sciences/ Vol 2 (1)
5	Pharmacy	Pharmacy	Prof. Dr. Sherjeel Adnan	Responding to Hitch in Fighting Mycobacterium Tuberculosis Through Arginine Multi Functionalized Mucoadhesive SNEDDS of Rifampicin	Macromolecular Bioscience, Vol. 24 (12)
6	Pharmacy	Pharmacy	Prof. Dr. Sherjeel Adnan	Design and Evaluation of Inorganic/organic hybrid bio-composite for site-specific oral delivery of Darifenacin	AAPS PharmSciTech, Vol. 25 (7)
7	Pharmacy	Pharmacy	Prof. Dr. Sherjeel Adnan	Evaluation of Phytochemical, Pharmacognostic and hypoglycemic potential of Isodon rogosus Linn	International Journal of Pharmacy & Integrated Health Sciences Vol. 6 (1)
8	Pharmacy	Pharmacy	Prof. Dr. Sherjeel Adnan	Exploring Public Awareness of Kidney Failure and Its Management in Sialkot, Punjab	Journal of Health and Rehabilitation Research, Vol 4 (4)
9	Pharmacy	Pharmacy	Prof. Dr. Sherjeel Adnan	Impact of Premenstrual Syndrome and Premenstrual Dysphoric Disorder on Women's Health in Sialkot, Pakistan	Journal of Health and Rehabilitation Research, Vol 4 (3)
10	Pharmacy	Pharmacy	Asad Hamad	Repurposing of Strychnine as the Potential Inhibitors of Aldo-keto Reductase Family 1 Members B1 and B10: Computational Modeling and Pharmacokinetic Analysis	Protein Journal, Vol 43 (2)
11	Pharmacy	Pharmacy	Anjum Khursheed	Phytochemical Profiling and Therapeutic Potential of Ficus benjamina L.: Insights into Anticancer and Anti-inflammatory Activities	Journal of Health & Rehabilitation Research, Vol. 4 (2)
12	Pharmacy	Pharmacy	Anjum Khursheed	EVALUATION OF MEDICATION KNOWLEDGE, ATTITUDES AND SELF MEDICATION PRACTICES AMONG PHARMACY STUDENTS	Journal of Population Therapeutics and Clinical Pharmacology, Vol 31 (4)
13	Pharmacy	Pharmacy	Anjum Khursheed	A systematic review on understanding the mechanistic pathways and clinical aspects of natural CDK inhibitors on cancer progression.: Unlocking cellular and biochemical mechanisms	Chemico-Biological Interactions, Vol. 393 (n/a)
14	Pharmacy	Pharmacy	Anjum Khursheed	Molecular modeling of novel 2-aminopyridine derivatives as potential JAK2 inhibitors: a rational strategy for promising anticancer agents	Journal of Biomolecular Structure and Dynamics, Vol. n/a
15	Pharmacy	Pharmacy	Anjum Khursheed	Integrative approach to the biochemical, and toxicological fingerprinting of Polygonum glabrum.: A computational and experimental synergy for a medicinal food plant	Food Bioscience, Vol. 60 (n/a)

16	Pharmacy	Pharmacy	Anjum Khursheed	Crotalaria burhia Buch. -Ham.: a comprehensive review of its botany, traditional uses, phytochemistry, and pharmacology	Natural Product Research, Vol. n/a (n/a)
17	Pharmacy	Pharmacy	Anjum Khursheed	Enhancing human wellbeing through nutrient-rich supplements: the synergistic effects of Selenium nanoparticles and Prosopis Cineraria on antioxidant capacity and overall health	Journal of Health & Rehabilitation Research, Vol. 4 (3)
18	Pharmacy	Pharmacy	Anjum Khursheed	Evaluating the healing properties of Quercetin-Enhanced nanoparticle ointments in diabetic-rats	Journal of Health & Rehabilitation Research, Vol. 4 (2)
19	Pharmacy	Pharmacy	Anjum Khursheed	Formulation and Stability Evaluation of Topical Creams Containing Arbutin and Magnesium Ascorbyl Phosphate: Effects of Croda Wax Concentration on Physical Characteristics	Journal of Health & Rehabilitation Research, Vol. 4 (13)
20	Pharmacy	Pharmacy	Anjum Khursheed	Genus Berberis: A Comprehensive and Updated Review on Ethnobotanical Uses, Phytochemistry and Pharmacological Activities	Chemistry & Biodiversity, Vol. 21 (10)
21	Pharmacy	Pharmacy	Anjum Khursheed	Synthesis of vitamin D3 loaded ethosomes gel to cure chronic immune-mediated inflammatory skin disease: physical characterization, in vitro and ex vivo studies	Scientific Reports, Vol. 14 (n/a)
22	Pharmacy	Pharmacy	Fatima Afzal	Polycystic ovary syndrome: Pathophysiology, symptoms, risk factors and Pharmacological treatment	Research Journal for Social Affairs, Vol. n/a (n/a)
23	Science	Social Science	Dr. Imtiaz Ahmed	Trading Principles & Values: Prophets ﷺ practice's and sustainable success,	Al-Kashaf: Research Journal for Social Sciences (Miscellaneous) / vol.4 (02)
24	Science	Social Science	Dr. Imtiaz Ahmed	The Concept of Sacrifice in Islam and Hinduism	SHNAKHAT Vol. 3 (3)
25	Science	Social Science	Hafiz Muhammad Qasim	Exploring the impact of fear on community in Manto's The Dog of Titwal and The Miracle Man in the context of Partition	Jahan e Tahqeeq/ Vol 7 (2)
26	Science	Social Science	Dr. Muhammad Waleed Butt,	Electronic or Printed Books: ESL learners' Preferences at the University of Azad Jammu and Kashmir	Kashmir Journal of Language Research/ Vol 27 (1)
27	Science	Social Science	Dr. Muhammad Waleed Butt,	Tha Abject in the Poetry of Sylvia Plath	Pakistan Journal of Law, Analysis and Wisdom/ Vol 3 (9)
28	Science	Social Science	Dr. Muhammad Waleed Butt,	Ads and Language: A Collocational Study of TV Advertisement Slogans	Al-Salihah (Journal of Women, Society, and Religion)/ Vol 3 (3)
29	Science	Social Science	Dr. Muhammad Waleed Butt,	Correlation of Basic Research Evaluation Indices	Al-Kashaf: Research Journal for Social Sciences (Miscellaneous) Vol. 4 (4)
30	Science	Bioscience	Syed Muhammad Nurulain	Gut microbiome and function are altered for individuals living in high fluoride concentration areas in Pakistan	Ecotoxicology and Environmental Safety/ Vol. 284 (1)
31	Science	Bioscience	Syed Muhammad Nurulain	Exposure to heavy metals, antioxidant status, and the interaction of single nucleotide polymorphisms in the genes CAT rs7943316, GSTP1 rs1695, as well	Environmental Toxicology and Pharmacology/ Vol. 108 (0)

				as GSTM1 and GSTT1 genes, among workers in occupational settings	
32	Science	Bioscience	Muhammad Rashid	Unveiling the cyclopropyl appended acyl thiourea derivatives as antimicrobial, α -amylase and proteinase K inhibitors: Design, synthesis, biological evaluation, molecular docking, DFT and ADMET studies	Archives of Biochemistry and Biophysics/vol 765 (1)
33	Science	Bioscience	Muhammad Rashid	Novel Cyclopropyl Appended 1,3-Thiazole-2-Imines as Multi-Target Agents: Design, Synthesis, Biological Evaluation and Computational Studies	Asian Journal of Organic Chemistry/ Vol 14 (2)
34	Science	Bioscience	Qudsia Firdous	Antibiotic Resistance and Molecular Characterization of ESBL and MBL-Producing <i>Klebsiella pneumoniae</i> from Chickens	Journal of Microbiological Sciences
35	Science	Bioscience	Muhammad Gulfraz	Assessment of phytochemicals of an indigenous white rot fungus isolated from AJK, Pakistan	Journal of Xi'an Shiyou University/Vol. 20 (7)
36	Science	Mathematics	Shafqat-Ur-Rehaman	Analysis of new soliton type solutions to generalized extended (2+1)-dimensional Kadomtsev–Petviashvili equation via two techniques	Ain Shams Engineering Journal, Vol. 15 (1)
37	Science	Chemistry	Mazloom Shah	Development of stable s-scheme 2D-2D g-C ₃ N ₄ /CdS-Nanohetero junction arrays for enhanced visible light photomineralisation of nitrophenol priority water pollutants	Scientific Reports, Vol. 14 (1)
38	Science	Chemistry	Mazloom Shah	Transformation of refractory ceramic MgAl ₂ O ₄ into blue light emitting nanomaterial with Sr ²⁺ /Cr ³⁺ activation	Materials Science & Engineering B, Vol. 303 (1)
39	Science	Chemistry	Mazloom Shah	Novel yellowish-green single phase spinel Mg _{1-x} B _x Al ₂ O ₄ : Mn ²⁺ phosphor(s) for color rendering white-lighting-emitting diodes,	Journal of Luminescence, vol. 39 (3)
40	Science	Chemistry	Mazloom Shah	Phytochemical analyses and bioactivities of various solvents extracts and silver nanoparticles (AgNPs) of <i>Onychium japonicum</i> (Thunb.) Kunze,	Inorganic Chemistry Communications, Vol. 167 (n/a)
41	Science	Chemistry	Mazloom Shah	E. coli-assisted eco-friendly production of biogenic silver cobalt oxide (AgCoO ₂) nanoparticles: methanolysis-based hydrogen production, wastewater remediation and pathogen control, Microscopy	Microscopy Research and Technique, Vol. 88 (2)
42	Science	Chemistry	Mazloom Shah	Band gap engineering of binary and cobalt doped PbS thin films integrated by SILAR method for optoelectronic potentials	Microscopy Research and Technique, Vol. (n/a) pp 1097-0029
43	Science	Business Administration	Dr. Tariq Hussain	Trading Principles & Values: Prophets Practice's and Sustainable Success,	Al-Kashaf, Vol. 4 (2)
44	Science	Business Administration	Dr. Tariq Hussain	Can Piketty's Interest Rate – Growth Rate Framework Explain Increasing Income Inequality in Pakistan?,	Bulletin of Business and Economics, Vol. 13 (1)
45	Science	Business Administration	Anam Ashraf	Analyzing the Impact of Microfinance Initiatives on Poverty Alleviation and Economic Development	Review of applied management and social sciences, Vol. 7 (4)
46	Science	Business Administration	Anam Ashraf	Corporate Social Performance Influence on Corporate Financial Performance: A Case from Malaysia	International journal of politics and social

					sciences review, Vol. n/a/ (n/a)
47	Science	Business Administration	Anam Ashraf	Exploring the Association Between Investment Efficiency and Firm Value with the Moderating Role of Institutional Ownership; A Case from Manufacturing Firms Of Pakistan	Dialogue Social Science Review, Vol. 2 (4)
48	Science	Business Administration	Anam Ashraf	Financial Technology's Impact On The Non-Performing Loans Held By Commercial Banks In Pakistan	Kashf Journal of Multidisciplinary Research, Vol. 1 (12)
49	Science	Business Administration	Anam Ashraf	The Influence of Environmental, Social and Governance Pillars on Physical Investment. A Study From China	Dialogue Social Science Review, Vol. 2 (3)
50	Science	Business Administration	Anam Ashraf	The Relation Between Financial Performance and Country Governance: A Review of Pakistani Firms	Dialogue Social Science Review, Vol. 2 (5)
51	Science	Business Administration	Anam Ashraf	THE ROLE OF MACROECONOMIC VARIABLES IN SHAPING THE FINANCIAL PERFORMANCE OF FIRMS IN DEVELOPING ECONOMY	International Journal of Social Sciences Bulletin Vol. 2 (4)
52	Science	Computer science	Zeeshan Ashraf	Design and Performance Evaluation of an Authentic End-to-End Communication Model on Large-Scale Hybrid IPv4-IPv6 Virtual Networks to Detect MITM Attacks	Cryptography Vol. 8(4)
53	Science	Computer science	Dr. Sardar Usman	Potential of Large Language Models (LLMs) as Supplementary Tools for Historical Learning: Users' Interaction and Knowledge Acquisition	Foundation University Journal of Engineering and Applied Sciences, Vol. 4 (2)
54	Science	Computer science	Tanvir Ahmed	Impact of ICTs in mitigating Challenges of Climate Change.	National Speaker International Conference on Climate Change,