



GOAL 12: Responsible Consumption and Production



Balochistan University of Information Technology, Engineering and Management Sciences has given a new vision and a distinct meaning to education and Research. Its guidelines for academic achievements are consistent with renowned institutions of the world. At BUITEMS, we are a community of professionals committed to preparing the leaders of tomorrow.

The foundations of Balochistan University of Information Technology, Engineering & Management Sciences are laid on the sound principles of excellence in academic standards, equity, equality, sincerity of purpose, and the vision for the future. BUITEMS has been declared as the Global Hub for Sustainable Development Goal 8 i.e., for Decent Work and Economic Growth by the United Nations Academic Impact.

At BUITEMS, we included this SDG in our curriculum with the focus of meaningful contribution to United Nations as a responsible Academic Institution of Pakistan.

Moreover, the research contribution of this specific SDG is as follows:

S. No.	Name	Department	Faculty	Title	Online Link
1.	Kaleem Ullah Kakar	Microbiology	FLS&I	Expression of the type III secretion system genes in epiphytic <i>Erwinia amylovora</i> cells on apple stigmas benefits endophytic infection at the hypanthium. <i>Molecular Plant-Microbe Interactions</i> . 34 (10):1119-1127.	https://apsjournals.apsnet.org/doi/full/10.1094/MPMI-06-21-0152-R
2.	Kaleem Ullah Kakar	Microbiology	FLS&I	Comparative Analysis of Physiological, Enzymatic, and Transcriptomic Responses Revealed Mechanisms of Salt Tolerance and Recovery in <i>Triticum</i> . <i>Frontiers in plant science</i> 12:800081-800081	https://www.ncbi.nlm.nih.gov/pmc/articles/PMC8766340/

3.	Syeda Hafsa Ali	Microbiology	FLS&I	Biosynthesis Of Silver Nanoparticles Using Cynara Scolymus, Lavandula Angustifolia, Alkanna Tinctoria And Its Antimicrobial Activities—A comparative study. Pakistan Journal of Weed Science Research. 27(3):277-2.	https://www.researchgate.net/profile/Hafsa_Syeda/publication/354965511_Biosynthesis_of_silver_nanoparticles_using_Cynara_scolymus_Lavandula_angustifolia_Alkanna_Tinctoria_and_its_antimicrobial_activities-A_comparative_study/links/61839471ef53e51e127d5c6/Biosynthesis-of-silver-nanoparticles-using-Cynara-scolymus-Lavandula-angustifolia-Alkanna-Tinctoria-and-its-antimicrobial-activities-A-comparative-study.pdf
4.	Dr. Maqsood Ahmed	Environmental Science	FLS&I	Metabolites in Conocarpus erectus leaves attenuate α -amylase activity by modulating amino acid residues of α -amylase: an in vitro and docking study Bol Latinoam Caribe Plant Med Aromat. 21(3): 352 - 364.	https://web.p.ebscohost.com/abstract?direct=true&profile=ehost&scope=site&authtype=crawler&jrnl=07177917&AN=155054087&h=Rkxdp0siE1lrKi2yzRT7Gr5sjWgmv%2bDC%2b8yj%2f6yK6qkNUV692xHATGwroJOLYPs5Nq9EESWzomGJPzEDbpuJg%3d%3d&crl=c&resultNs=AdminWebAuth&resultLocal=ErrCrlNoProfile&crlhashurl=login.aspx%3fdirect%3dtue%26profile%3dehost%26scope%3dsite%26authtype%3dcrawler%26jrnl%3d07177917%26AN%3d155054087
5.	Dr. Maqsood Ahmed	Environmental Science	FLS&I	Biodegradation of chlorpyrifos using isolates from contaminated agricultural soil, its kinetic studies. Scientific reports. 11:1-4	https://www.nature.com/articles/s41598-021-88264-x
6.	Dr. Maqsood Ahmed	Environmental Science	FLS&I	Atributos farmacologicos in vitro y huellas dactilares de metabolitos de Conocarpus lancifolius. Boletín Latinoamerican y del Caribe de Plantas Medicinalesy Aromaticas. 20(6):660-671.	https://blacpma.mse-edicions.cl/index.php/blacpma/article/view/217

7.	Dr. Malik Muhammad Akhtar	Environmental Science	FLS&I	An integrated approach to evaluate the unconventional hydrocarbon generation potential of the Lower Goru Formation (Cretaceous) in Southern Lower Indus Basin, Pakistan. Journal of Earth System Science. 130(2):1-6.	https://link.springer.com/article/10.1007/s12040-021-01584-4
8.	Dr. Maqsood Ahmed	Environmental Science	FLS&I	In vitro pharmacological attributes and metabolite's fingerprinting of Conocarpus lancifolius. Boletín Latinoamericano y del Caribe de Plantas Medicinales y Aromáticas. 20(6):660-671.	https://www.researchgate.net/profile/Syed-Raza-39/publication/355821576_In_vitro_pharmacological_attributes_and_metabolite's_fingerprinting_of_Conocarpus_lancifolius/links/618281b5a767a03c14e98210/In-vitro-pharmacological-attributes-and-metabolites-fingerprinting-of-Conocarpus-lancifolius.pdf
9.	Dr. Maqsood Ahmed	Environmental Science	FLS&I	Polyphenol fingerprinting and hypoglycemic attributes of optimized Cycas circinalis leaf extracts. Journal of the Science of Food and Agriculture. 10(4):1530-1537.	https://onlinelibrary.wiley.com/doi/full/10.1002/jsfa.10771
10.	Dr. Jawad Ali	Environmental Science	FLS&I	Synthesis and catalytic evaluation of silver@ nickel oxide and alginate biopolymer nanocomposite hydrogel beads. Cellulose. 28:11299-11313	https://link.springer.com/article/10.1007/s10570-021-04248-0
11.	Dr. Syed Muhammad Khair	Economics	FMS	Modeling crop water requirement of grapes by using FAO-CROPWAT model in Quetta district, Balochistan. Journal of Agrometeorology 23(4): 468-470.	file:///C:/Users/Hafiz%20Naeem/Downloads/18.+SC_5_ANILA+BAHADUR+New%20(3).pdf