



Report of GOAL 7: Affordable and Clean Energy



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 BUIITEMS, 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. BUIITEMS 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 BUIITEMS, 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.	Dr. Muhammad Zubair	Math	FBS	Assessing energy efficiency in the Asia-Pacific region and the mediating role of environmental pollution: Evidence from a super-efficiency model with a weighting preference scheme. Environmental Science and Pollution Research	https://link.springer.com/article/10.1007/s11356-021-13663-6
2.	Dr. Muhammad Zubair	Math	FBS	Socioeconomic impacts of domestic biogas plants on rural households to strengthen energy security. Environmental Science and Pollution Research. 28(21):27446-56.	https://link.springer.com/article/10.1007/s11356-021-12633-2

3.	Mohammad Siddique	Chemical Engineering	FOE&A	Rice husk ash as green and sustainable biomass waste for construction and renewable energy applications: a review. Biomass Conversion and Biorefinery. 1-11.	https://link.springer.com/article/10.1007/s13399-021-01527-5
4.	Dr. Waqas Ahmed Mahar	Architecture	FOE&A	Impact of Passive Energy Efficiency Measures on Cooling Energy Demand in an Architectural Campus Building in Karachi, Pakistan. Sustainability. 13(13):7251.	https://www.mdpi.com/2071-1050/13/13/7251
5.	Dr. Waqas Ahmed Mahar	Architecture	FOE&A	Prediction of Climate Change Effect on Outdoor Thermal Comfort in Arid Region. Energies. 14(16):4730	https://www.mdpi.com/1996-1073/14/16/4730
6.	Dr. Waqas Ahmed Mahar	Architecture	FOE&A	Assessment of Passive Retrofitting Scenarios in Heritage Residential Buildings in Hot, Dry Climates. Energies. 14(11):3359	https://www.mdpi.com/1996-1073/14/11/3359
7.	Adil Israr	Computer Science	FICT	Renewable energy powered sustainable 5G network infrastructure: Opportunities, challenges and perspectives. Journal of Network and Computer Applications. 1:175	https://www.sciencedirect.com/science/article/abs/pii/S1084804520303702