

Government of the Punjab, Lahore
Demand of Development Funds for FY 2023-2024
“STRENGTHENING OF KOHSAR UNIVERSITY MURREE-ACADEMIC & RESEARCH
PROGRAMS”: PROPOSED “ADP” DEVELOPMENT PROJECT”
PURCHASE OF LAND PURCHASE NEAR DANNA
Ref: PHEC/COO/BUDGET/3095

1	Name of the University	KOHSAR UNIVERSITY MURREE			
2	Title of the Scheme	ADP-2023-2025			
3	Proposed Cost Rs. in Millions	1600/-			
		1600		Rs. in Millions	
S #	Proposed Budget Component	Proposed Cost	Demand FY2023-2024	Demand FY2024-2025	Demand FY2025-2026
	Enhancing National Strengths in Tourism & Hospitality as well as Linked Niche Areas-				
	3-Academic Blocks Center For Biodiversity & Climate Change Wild-Life Park & Museum Botanical Gardens/ Herbarium Hostel (For Students) Cafeteria (For Faculty) Amphitheatre; Auditorium Pavements/Roads				
	LINKED NICHE AREAS- ACADEMIC & RESEARCH PROGRAMS TO BE ESTABLISHED & STRENGTHENED-(3-Academic Blocks & 1 Center)				
	I-FACULTY OF MANAGEMENT SCIENCES	Proposed Cost	Demand FY2023-2024	Demand FY2024-2025	Demand FY2025-2026
	Accounting & Finance	150			--
	Tourism & Hospitality; Administration and Management Sciences/Business				
	II-FACULTY OF BASIC & APPLIED SCIENCES MOUNTAIN AGRICULTURE & ENVIRONMENTAL SCIENCES		60	890	
	Poultry Sciences & Livestock	200			
	Physics & Material Sciences	200			
	III-FACULTY OF ENGINEERING				
	Engineering-Civil/Environmental	200			
	IV-Center Biodiversity & Climate Change	200			
	MISCELLANEOUS Administration Block & Transport Office Health Center 1 Student Hostel Library Cafeteria (Faculty) ORIC & Business Incubation Center Herbarium/Botanical Garden, Wildlife Park Parking Areas Pavements/Roads Amphitheatre; Auditorium	650	50	600	---
		1600	110	1490	

S #	Project Objectives	
1	Preamble	<p>Pakistan has different world's ecological areas due to its extreme variations in altitude and latitude. These ecological regions comprise the coastal mangrove forests of Arabian Sea with highest mountains range of World, where the Western Himalayas, Karakoram and Hindu-Kush ranges meet. This mountains diversity comprises different landscapes and habitats that bear high biodiversity of flora and fauna. Changing in lifestyles and increasing population in current decades have brought unprecedented pressures on the biodiversity of Murree and Galyiat region in particular and Pakistan in general.</p> <p>It is becoming increasingly important to invest on specific areas which can help ameliorating the climate change impact and, in this regard, improving the environment appears to be a key for not only to the health of populations but also to protect the wildlife/biodiversity of the area. Therefore, appropriate educational endeavors are vital to reap the optimal results and hence contributing towards the socioeconomic development of the country. At the recent VCs conference held at KUM Murree in 2022, the fundamental link between community, access to essential services, like food security, drinking water, waste disposal, energy, health, STEM education, empowering youth and women through leadership and participation, lay at the heart of the discussions on the role of universities in sustainable development. In this context Kohsar university Murree (KUM) brought together >45 worthy vice chancellors and many national and international specialists to identify priorities and propose a program of action through the platforms of specific subject consortium. We strongly believe that preparedness is of utmost importance and the hackathon for development and implementation of better educational models; empowerment of students through leadership qualities; upgrading educational platforms and pedagogical tools through modern technology platforms for addressing the challenges of Education, Environment, Health, Food Security, & Climate Change, promoting entrepreneurial mindset & startups ecosystem on campuses will provide the conducive environment to reap the benefits of STEM education through effective engagement of all stakeholders.</p> <p>The aim of the proposed grant request to "ADP" is not only to restore and preserve Ecosystem of Mountainous communities but also providing them alternate means of livelihood by actively engaging them in this endeavor. This will be achieved by empowering students/communities by imparting diverse skills in various disciplines & interdisciplinary areas with potential industrial and economic value such as Sustainable Tourism, Agricultural/Livestock-Poultry, protecting biodiversity, developing sustainable eco-friendly materials and related business plan/avenues. The students will acquire new insights about the mechanisms of making Industrial processes cost-effective, self-sustained, and efficient with high quality outcome/product development keeping in view the integrated approach of Community Development vis a vis Local challenges & opportunities. Upon Completion, the KUM is envisaged to be a Center of excellence in preparation of Skilled and highly qualified Workforce catering the needs of multiple industries and developing apps & products through R & D activity by successfully running the degree awarding programmes at the Associate Degree, BS, MS and Ph.D. level and diploma/certification Training modules/programs.</p> <p>The overall objectives of the proposed Development Project are:</p>
i	To develop a pool of relevant experts trained by an effective team of highly skilled professionals in diverse disciplines & interdisciplinary areas	
ii	To foster linkages and providing a suitable environment for interaction between basic scientists, social scientists and Industry to solve challenges and create opportunities	
iii	At regional/global level: Ecosystem Restoration & Management approach by developing international partnerships and initiating visits through Eco-tourism and PAKISTAN'S ECOSYSTEM RESTORATION INITIATIVE (PERI)-By KOHSAR UNIVERSITY MURREE- <i>Center for Biodiversity & Climate Change will be instrumental in this regard for attracting National & International Experts/Agencies</i>	
iv	Exploration of Bioenergy Sources- Environment Friendly Eco-Tourism & Precision Agriculture	
v	Community preparedness/empowerment through sustainable livelihood management	
vi	To Train Field Veterinarians, Farmer's education in Livestock and Poultry disease problems & Animal & Poultry Nutrition-	

	<u>Organic Farming</u>
vii	Exploration of Bioenergy Sources- Environment Friendly Eco-Tourism & Precision Agriculture-Building Consortium between Universities to address National Challenges through “Centre for Smart Technologies-Renewable Energy; Water Conservation; Precision Agriculture; Ecofriendly Sustainable Tourism & Biotechnologies”
viii	Residential Center for STEM Education in Pakistan in collaboration with HEC as per recent VCs conference of Punjab universities at KUM, Murree
ix	Building Partnerships between universities-Consortium- regarding the sustainable growth of the tourism industry and trade in Pakistan-Tourism Operations: Training of tourist guides in different categories to meet the demand of tourism industry of Pakistan Certification of tourist guides as per the recognized international standards of tourism industry. Marking and promotion of tourism in Pakistan

Signed:

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