



DEPARTMENT OF SPACE SCIENCE

UNIVERSITY OF THE PUNJAB

Quaid e Azam Campus, Lahore, 53720



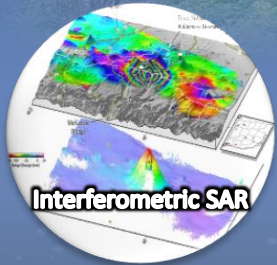
Admissions Open BS Space Science (Morning & Replica)



Land Use Land Cover

Major Applications

Geo Spatial Programming
 Advanced Mapping and Visualization
 Spatial Modelling and Development in Python
 Spatiotemporal Development in Google Earth Engine
 Machine and Deep Learning with Python and R
 Space Exploration and Planetary Sciences
 Climate Change and Sustainable Development Goals



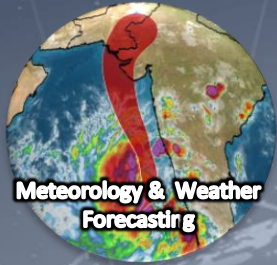
Interferometric SAR



Remote Sensing



Hydrology & Floods



Meteorology & Weather Forecasting



Remote Sensing
Military Applications

Professional Future Pathways

SUPARCO - NESCOM
 NESPAK - WWF – MMP - IWMU
 Pakistan Armed Forces
 Ministry of Climate Change
 Survey of Pakistan (SoP), Soil Survey of Pakistan (SSoP)
 Ministry of Wild Life, Fisheries and Forestry
 NDMA and PDMA
 Pakistan Meteorological Department
 National Flood Forecasting Bureau
 Oil and Gas Development Corporation
 Pakistan Mineral Development Corporation
 Ministry of Mining and Energy
 Lahore Development Authority
 Punjab Land Record Authority & Urban Unit
 WAPDA, WASA, PMDFC, TEPA
 Board of Revenue (BOR)
 Ministry of Water Resources
 Ministry of Disaster Management
 Various Public and Private Sector Universities at
 National and International Levels



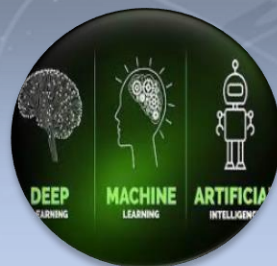
Astronomy
Astro Physics



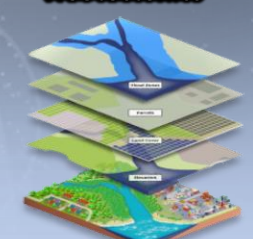
Biodiversity and
Agriculture



Neotectonics



DEEP
LEARNING
MACHINE
LEARNING
ARTIFICIAL
INTELLIGENCE



GIS Applications

