

# CENTRE OF EXCELLENCE IN MINERALOGY UNIVERSITY OF BALOCHSTAN



## X-Ray Diffractometer (XRD) Lab



### The Bruker D8 Advance X-ray Diffractometer (XRD)

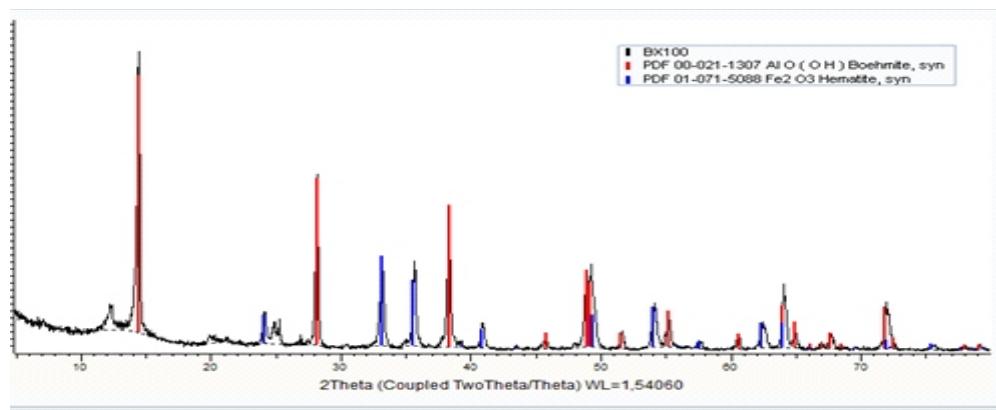
in the Centre of Excellence in Mineralogy, University of Balochistan, Quetta, is a versatile and powerful instrument for powdered substances analysis with following specifications:

**Detector:** Equipped with the LynxEye XE-T detector, this instrument offers fast data acquisition and excellent sensitivity.

**Sample stage:** Multi-purpose sample holder allows for powder, and bulk sample analysis.

**Analysis range:** Capable of analyzing angles from 5° to 90°, allowing for a wide range of dispersion data collection.

**Advanced data analysis:** with EVA software, including phase identification.



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