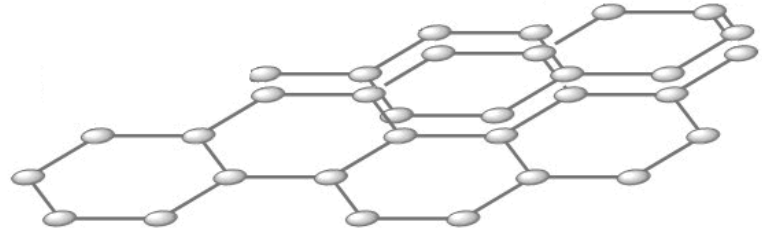


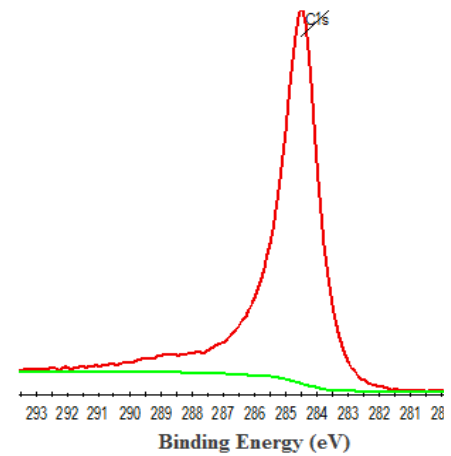


REDUCED GRAPHENE OXIDE

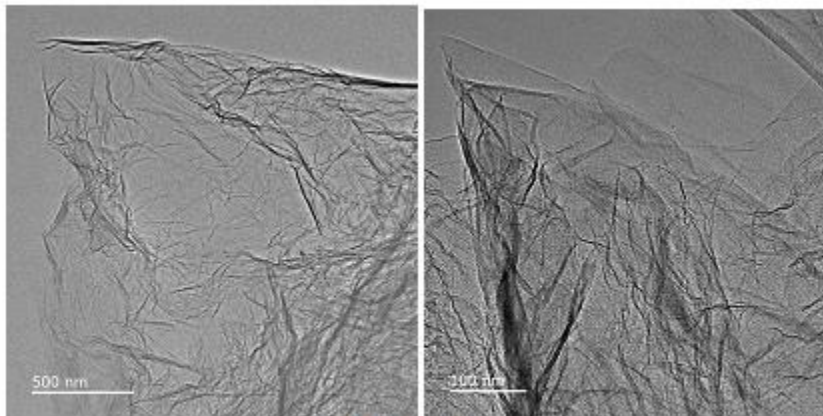


Reduced Graphene Oxide (rGO) has been produced through exfoliation of Graphene Oxide (GO) using a thermal process. The raw material for GO is Sri Lankan vein graphite >99 % C.

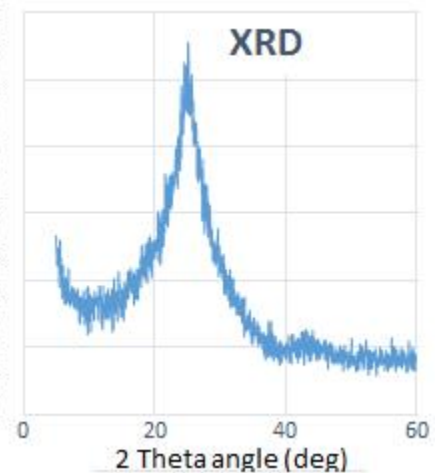
Colour and Form	Black Powder
particle size (D50)	~45 μm
Bulk density	~0.02 (g/cm ³)
BET surface area	~500 m ² /g
Electrical conductivity at 0.8MPa	~830 (S/m)
Inter layer spacing	~3.5 (Å)
C/O ratio	~13



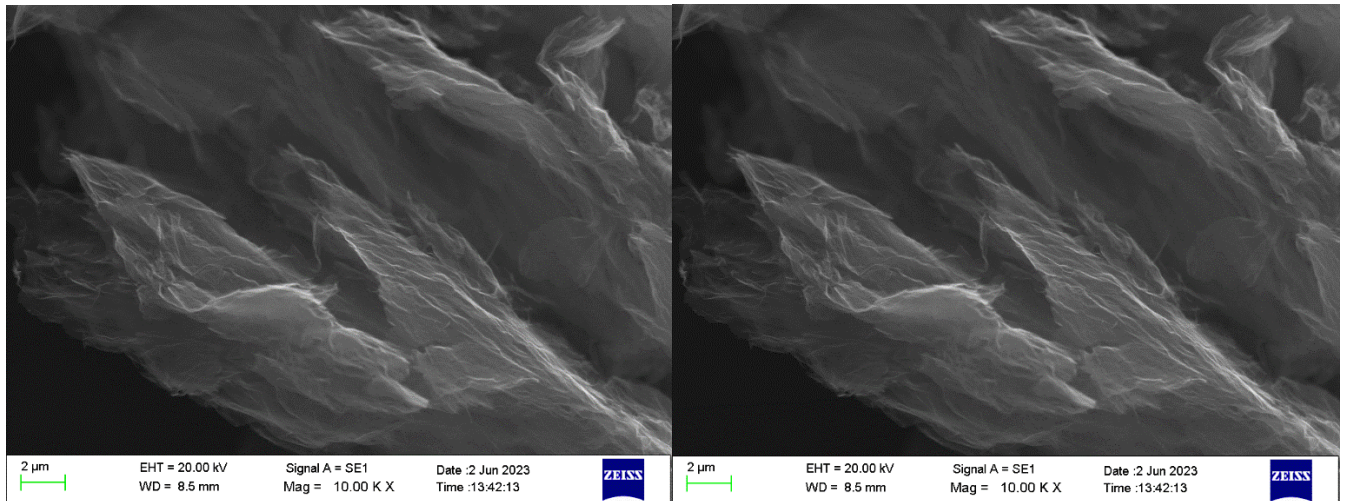
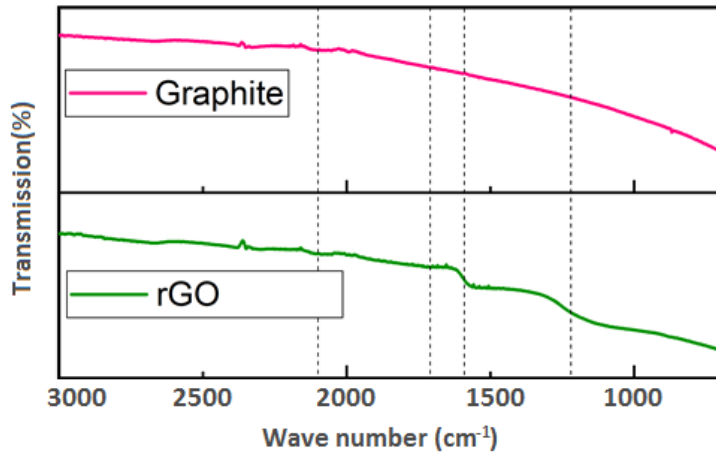
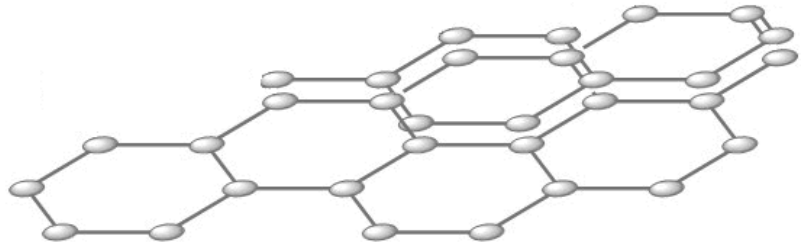
XPS Analysis



TEM Analysis



REDUCED GRAPHENE OXIDE



SEM Analysis

APPLICATIONS

R&D

ENERGY

HIGH-END