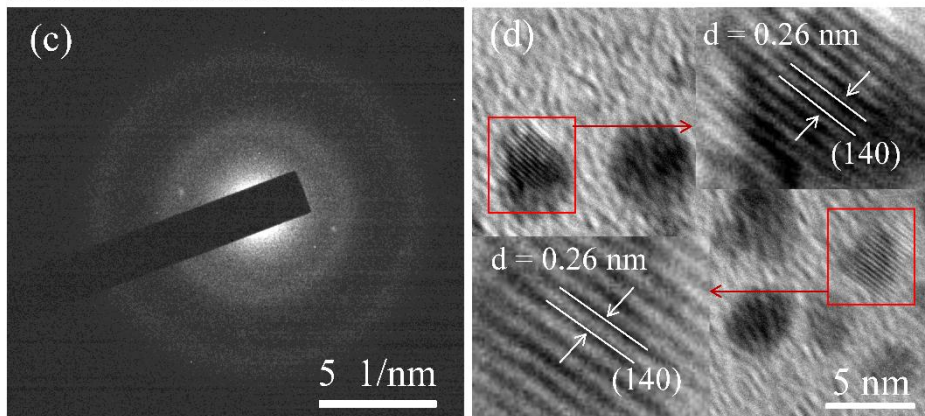
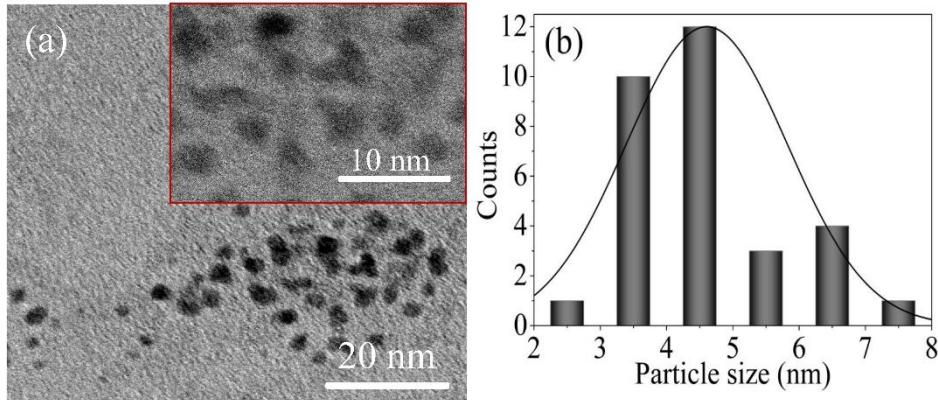


Material Science Group

Key research highlight:

- **Current Research work:** Quantum Dots synthesis, two-dimensional Transitional Metal Dichalcogenides, thin film technology, gas sensor
- **Other Research work:** Ion beam generation and irradiation, plasma-surface interaction, mechanical hardness studies on the thin films and TRIM Monte Carlo simulations studies



Synthesized MoO₃ Quantum Dots



Multipurpose Coating Unit

HRTEM results MoO₃ Quantum Dots