

Synthesis methods

1. SOLID STATE REACTION METHOD:
2. COMBSTION METHOD:
3. THIN FILM FABRICATION METHOD:
4. SOL GEL METHOD:
5. PULSED LASER DEPOSITION METHOD:
6. THERMAL OXIDATION:
7. VAPOR PHASE TRANSPORT METHOD:
8. HYDRO THERMAL METHOD:
9. PRECIPITATION METHOD:
10. CHEMICAL BATH METHOD:
11. SPRAY PYROLISIS:

CHARACTERIZATION TECHNIQUES:

- 1. X RAY DEFRACOMETER:**
- 2. FEGSEM:**
- 3. HRTEM:**
- 4. EDXS:**
- 5. FTIR:**
- 6. SEM:**
- 7. TEM:**
- 8. RAMAN:**
- 9. PL**
- 10. TL**
- 11. OSL**