

Dr. Vinod Kumar Sharma
Assistant Professor, MED, NIT Calicut

List of PhD Scholars

| S. No. | Name of Scholar | PhD Title | No. of Publications | Date of Registration | Status |
|--------|----------------------------|---|---------------------------|----------------------|------------------------|
| 1 | Dr. Man Mohan | Characterisation of metal hydrides for performance investigation of sorption thermodynamic systems for heating and cooling applications | 03 SCI 02 Scopus | Dec. 2016 | Awarded on Jan 2020 |
| 2 | Dr. Sanjay Gupta | Design and analysis of metal hydride reactor to investigate the performance of single- and multi-stage sorption hydrogen compressors | 03 SCI 01 Book Chapter | Dec. 2017 | Awarded on Aug 2021 |
| 3 | Dr. Shajiullah Syed Naveed | Performance investigations on hydrogen – metal hydride based and carbon dioxide – adsorbent based sorption refrigeration devices | 02 SCI 02 Scopus | Dec. 2017 | Awarded on Aug 2021 |
| 4 | Dr. Manoj Choudhari | Design and analysis of single- and multi-stage hydrogen-based thermochemical energy storage system | 04 SCI 01 Scopus | July 2018 | Awarded on Sep 2022 |
| 5 | Mr. Jaya Prakash S | Experimental and numerical studies on thermally driven hydrogen compressors | NA | Jan. 2021 | Ongoing |
| 6 | Mr. Ganpat Lal Rakesh | Design and Development of Reactors to Investigate the Performance of Metal Hydride Based Hydrogen Purification and Compression Systems | NA | Jan. 2022 | Ongoing |
| 7 | Mr. V.B.Mohamed Fayas | Synthesis and characterisation of Mg based metal hydrides for energy storage applications | NA | Jan. 2022 | Ongoing |