

### **Papers in International Conference:**

- C12. Vijay Choyal, Choyal VK, Kundalwal SI. Effect of Stone-Wales defects on transversely isotropic properties of boron nitride nanotubes: A molecular dynamics study, *10th International Conference on Materials for Advanced Technologies*, Singapore, 23 - 28 June 2019.
- C11. Kothari R, Kumar A, Singh OK, Sahu SK, Kundalwal SI. Analytical model for melting process in a rectangular phase change material storage with internal fins, *25th National and 3rd International ISHMT-ASTFE Heat and Mass Transfer Conference (IHMTTC2019-203)*, IIT Roorkee, India, Dec 27-31, 2019.
- C10. Kumar A, Kothari R, Sahu SK, Kundalwal SI. Effect of CuO nano particle in PCM integrated heat sink for thermal management of electronic component: An experimental study, *25th National and 3rd International ISHMT-ASTFE Heat and Mass Transfer Conference IHMTTC-2019*, IIT Roorkee, Dec 28-31, 2019.
- C9. Kothari R, Sahoo SP, Sahu SK, Kundalwal SI. Experimental investigation of the effect of inclination angle on the performance of phase change material based finned heat sinks, *7th International and 45th National Conference on Fluid Mechanics and Fluid Power, (FMFP2018)*, IIT Bombay, Mumbai, India, 10-12 Dec 2018..
- C8. Kothari R, Malviya S, Singh SK, Sahu SK, Kundalwal SI. Thermal management of electric vehicle battery modules with phase change materials, *24th National and 2nd International ISHMT-ASTFE Heat and Mass Transfer Conference, IHMTTC-2017*, BITS Hyderabad, IHMTTC2017-15-0805, Dec 27-31, 2017.
- C7. Kothari R, Das S, Sahu SK, Kundalwal SI. Approximate analytical model for solidification process in a rectangular phase change material storage with internal fins, *6th International Conference on Advances in Energy Research, ICAER-2017*, IIT Bombay, Paper72, Dec 12-14, 2017.

### **Papers in National Conference:**

- C6. Vijay Choyal, Ajay CH, Dasarath K, Kundalwal SI. Effect of grain boundaries on thermal properties of carbon nanotube: molecular dynamics study, *International Conference on Recent Advances in Materials, Manufacturing & Energy Systems (ICRAMMES)* 3-4th Jan 2019, Vijayawada, AP, India.
- C5. Ankit Rathi, Singhare KB, Kundalwal SI. Evaluation of effective elastic properties of MWCNT/TiO<sub>2</sub> hybrid epoxy nanocomposites using MOM modelling technique, *National Conference on Emerging Trends in Mechanical Engineering (NCETME-2019)* 7-8th Feb 2019, VIT Pune, India.
- C4. Shingare KB, Madhur Gupta, Kundalwal SI. Evaluation of Effective Properties for Smart Graphene Reinforced Nanocomposite Materials, *International Conference on Recent Advances in Materials, Manufacturing & Energy Systems (ICRAMMES) VRSEC*, Vijayawada on 3rd & 4th January 2019.
- C3. Vijay Choyal, Choyal VK, Ekansh Jain, Shingare KB, Kundalwal SI. Molecular dynamics study: effect of length and diameter on elastic properties of multi-wall boron nitride nanotubes, *2nd International conference on Nano Science and Engineering Applications ICONSEA-2018*, Hyderabad, India, October 4-6, 2018.
- C2. Choyal VK, Vijay Choyal, Subhash Nevhal, Ajeet Begaley, Kundalwal SI. Effect of aspect ratio on Young's modulus of boron nitride nanotubes: a molecular dynamics study, *2nd International conference on Nano Science and Engineering Applications ICONSEA-2018*, Hyderabad, India, October 4-6, 2018.
- C1. Shingare KB, Ankit Rathi, Vijay Choyal, Kundalwal SI. Effect of piezoelectricity on the electromechanical response of graphene nanocomposite beam, *2nd International conference on Nano Science and Engineering Applications ICONSEA-2018*, Hyderabad, India, October 4-6, 2018.