

## List of Ph.D. degree awarded (2015-2019)

S. No.	Name	Thesis title	Supervisor(s)	Year
1	Surajit Sengupta	Studies on CO <sub>2</sub> capture using adsorption from simulated refinery flue gas	Dr. P. K. Bajpai, Dr. H. Bhunia and Dr. A K Das (RIL)	June, 2015
2	Gaurav Madhu	Studies on degradability of high density polyethylene (HDPE) – polylactide (PLA) blends	Dr. P. K. Bajpai, Dr. H. Bhunia	September, 2015
3	Chitrakshi Goel	Development and characterization of nanostructured carbon adsorbents for carbon dioxide capture	Dr. P. K. Bajpai, Dr. H. Bhunia	March, 2016
4	Damandeep Singh	Experimental and simulation studies of industrial scale finishing reactive distillation column	Dr. Rajkumar Gupta Dr. Vineet Kumar (IIT, Roorkee)	June, 2016
5	B.S. Bhullar	Studies on Thermal Characteristics of Nanofluids in Heatpipe	Dr. D. Gangacharyulu Dr. S K Das ( IIT Ropar)	October, 2016
6	Alok Garg	Modeling and optimization of degradation of dyes present in textile waste water using supported photocatalyst	Dr. P. K. Bajpai Dr. V. K. Sangal	April, 2017
7	Harkirat Kaur	Studies on heat transfer and pressure drop characteristics of nanofluids in microchannels	Dr. D. Gangacharyulu	August, 2017
8	Arshdeep Kaur	Studies on catalytic hydrogen generation from sodium borohydride	Dr. D. Gangacharyulu Dr. P. K. Bajpai	August, 2017
9	Ms. Harjot Kaur	Preparation and characterization of composite membranes for treatment of some wastewater	Dr. R. K. Gupta Dr. V. K. Bulasara	March, 2018
10	Mr. Nitin Goyal	Studies on removal of endocrine disrupting compounds from aqueous solutions by adsorption	Dr. Sangamitra Barman Dr. V. K. Bulasara	April, 2018
11	Mr. Dev Kumar Mandal	Development of degradable polypropylene by radiation grafting and blending with polylactic acid	Dr. H. Bhunia Dr. P K. Bajpai	July, 2018
12	Mr. Deepak Tiwari	Studies on CO <sub>2</sub> capture using polymer based carbon adsorbents	Dr. H. Bhunia Dr. P K. Bajpai	July, 2018
13	Ms. Parminder Kaur	Treatment of textile effluents by electrochemical methods	Dr. V. K. Sangal Dr. J. P. Kushwaha	April, 2019
14	Ms. Jasdeep Kaur	Simulation and parameteric studies on reactive dividing wall distillation column	Dr. V. K. Sangal	July, 2019

<b>15</b>	Ms. Sehaspreet Kaur Toor	Removal of aromatic amines and heavy metals from wastewater using functionalized nanoadsorbents	Dr. J. P. Kushwaha Dr. V. K. Sangal	August, 2019
<b>16</b>	Ms. Mansi Singh	Studies on polymer nanocomposites as shear thickening fluids	Dr. R. Mehta	September, 2019
<b>17</b>	Mr. Gurpreet Singh	Studies on heat transfer and pressure drop characteristics of nanofluids in flat vertical tubes	Dr. D. Gangacharyulu Dr. V. K. Bulasara	October, 2019
<b>18</b>	Ms. Ravneet Kaur	Pharmaceutical Wastewater Treatment by Electrooxidation Method	Dr. J. P. Kushwaha Dr. Neetu Singh	October, 2019
<b>19</b>	Mr. Kamaljit Singh	Studies on drag reduction in pipe flow of heavy oil by using polymer additives	Dr. D Gangacharyulu Dr. V. K. Bulasara	October, 2019