

3.4.3 Current Status of Patents published/awarded during the last five years

Name of the Patenter	Patent Number	Title of the patent	Year of Award of patent	Current Status
Hoshiarpur Campus				
Dr SK Mahla	Indian Patent Journal No. 44/2019	Influence of biogas mass flow rate and rice bran based biodiesel with diesel on a dual fuel engine	2019-20	Published
Dr SK Mahla	Indian Patent Journal No. 21/2019	A system for generation and optimization of bioenergy in diesel generator for rural electrification using ANN	2018-19	Published
Dr SK Mahla	Indian Patent Journal No. 48/2017	A system for biodiesel production from Rice Bran oil by transesterification and Process Optimization,	2017-18	Published
Mohali Campus-I				
Dr. Neeraj Mohan	2020102097	FIRE DETECTION AND NOTIFICATION USING IOT BASED TECHNOLOGY	2020-21	Patent Granted
Mohali Campus-II				
Dr. Prabhjot Kaur	303110	Kaur's Energy Efficiency Design Discs	2017-18	Published and Granted
Dr. Neeru Singla	201911017321 A	A system for generation and optimization of bioenergy in diesel generator for rural electrification using artificial neural network (ann)	2018-19	Published