

GURU NANAK DEV ENGINEERING COLLEGE, LUDHIANA

DEPARTMENT OF MECHANICAL & PRODUCTION ENGINEERING

S. No.	Title Of Patent	Name Of Inventor/s	Application No.	Department	Status
1	Cryogenic Treatment of Brass Wire for Improved Machining Characteristics	Dr. Jatinder Kapoor Dr. Sehijpal Singh	2177/DEL/2009	Mechanical Engineering	Granted
2	A wear resistant part having a metal matrix composite (MMC) and process for preparing the metal matrix composite (MMC) "Development of metal matrix composite (MMC) by hybridization of silicon moulding (SM) and investment casting (IC)"	Dr. Rupinder Singh	2848/DEL/2013	Production Engineering	Granted
3	Development of Radial Swaging Tool for Cold Working of Inner Surface of a cylinder	Mr. Gulvir Singh Dr. Jatinder Kapoor Dr. Sehijpal Singh	IN202111019471	Mechanical Engineering	Published
4	Automatic stamping machine	Mr. Sukhinderpal Singh Mr. Daljit Singh	202111019472	Mechanical Engineering & Electronics and Communication Engineering	Published
5	U-bolt Turning Machine	Mr. Jagmeet Singh Mr. Harkirat Singh Ryait Dr. Harwinder Singh Dr. Amandeep Singh	344857-001	Mechanical Engineering & GS Auto International	Design Registered
6	Jack-Rod Tuning Tool	Mr. Jagmeet Singh Dr. Amandeep Singh Dr. Harwinder Singh	-----	Mechanical Engineering	Filed
7	Auto indication device for manual driving	Dr. Harwinder Singh Mr. Jagmeet Singh Dr. Amandeep Singh	202111047720	Mechanical Engineering	Filed

8	Modified Ultrasonic Machining Process	Dr. Rupinder Singh	202011001505	Production Engineering	Published
9	A Process of Casting an article of Molten Metal	Dr. Rupinder Singh	2474/DEL/2015	Production Engineering	Under Examination (Published-Reply filed)
10	A Process of Casting an article of Molten Metal	Dr. Rupinder Singh	2475/DEL/2015	Production Engineering	Under Examination (Published-Reply filed)
11	A wear resistant part having a metal matrix composite (MMC) and process for preparing the metal matrix composite (MMC) "Development of metal matrix composite (MMC) by two stages hybridization of fused deposition modelling (FDM) and investment casting (IC)"	Dr. Rupinder Singh	2847/DEL/2013	Production Engineering	Under Examination (Published-Reply filed)