

New Applications for the Patents						
Sr. No.	Patent Application Number	Inventor Name	Department Name	Campus Name	Title of the Patent	Date of filing
1	363/2023	Dr. Ali Hussain Kazim, Muhammad Ahsan Iqbal Khan, Dr. Aqsa Shabbir	Automotive Engineering	Main Campus	Thermogalvanic device to harvest energy from automotive engine exhaust	08.06.2023
2	362/2023	Dr. Ali Hussain Kazim, Dr. Aqsa Shabbir, Mustaneer Hassan, Muhammad Ahsan Mehmood, Ibrahim Guraya	Automotive Engineering	Main Campus	A low-cost automated cardiopulmonary device	08.06.2023
3	198/2008	Dr. Muhammad Mosin	Textile Engineering	FSD Campus	Bio based anti-microbial finishing of facemask and full body protective suit	11.05.2023
4	353/2022	Dr. Qudsia Nawaz, Dr. Amna Niazi, Dr. Sadia Ghaffar	Humanities	Main Campus	Modified treatment of Pelvic Organ Prolapse treatment with absorbable mesh materials instead of	31.05.2022
5	26/2022	Dr. Muhammad Tahir, Ahmad Hussain Safder & Hammad Hassan. Pakistan.	Electrical Engineering	Main Campus	"LIRRAS: Life Rescue RADAR System"	17.01.2022
6	27/2022	Dr. Muhammad Tahir, Hammad Hassan, Syed Tajwer Husnain	Electrical Engineering	Main Campus	Automated Rail	17.01.2022

					Track Monitoring	
7	575/201	Dr. Maria Idress	AED	Main Campus	Better Performance and Cost-effective Multi-part special Cement	09.08.2021
8	574/2021	Dr. Maria Idress	AED	Main Campus	Durability Enhancing Additives and Cement	09.08.2021
9	554/2017	Muhammad Hammad, Muhammad Mehmood Aslam Bhutta, Ali Aza	Mechanical Engineering	Main Campus	Portable and Safe Chaff Cutter Machine	26.10.2017
10	490/2016	Arshad Munir Kazmi, Samreen Khan, Sanaullah Khan, Zulfiqar Ali, Waqar Mahmood, Muhammad Asjad Zulfiqar	Mechatronics & Control Engineering	Main Campus	HYDROGEN GENERATOR DESIGNED WITH MOLYBDENUM ALLOY FOR INDUSTRIAL APPLICATIONS	09.08.2016
11	488/2016	Arshad Munir Kazmi, Sana Ullah Khan, Muhammad Asjad Zulfiqar, Samreen Khan, Zulfiqar Ali, Waqar Mehmood	Mechatronics & Control Engineering	Main Campus	INTEGRATED BLACK BODY ABSORBER OF SUN LIGHT FOR PRE HEATING	09.08.2016
12	487/2016	Arshad Munir Kazmi, Sana Ullah Khan, Muhammad Asjad Zulfiqar, Samreen Khan, Zulfiqar Ali, Waqar Mehmood	Mining Engineering, Mechatronics & Control Engineering	Main Campus	A NOVEL DESIGN OF STOVE FOR COOKING INTEGRATED WITH CSP SYSTEM	09.08.2016

13	486/2016	Arshad Munir Kazmi, Sana Ullah Khan, Umer Saleem, Muhammad Asjad Zulfiqar, Samreen Khan, Zulfiqar Ali, Waqar Mehmood	Mechatronics & Control Engineering	Main Campus	DESIGN AND SIMULATION OF PARABOLIC DISH SOLAR THERMAL COOKER	09.08.2016
14	1133/2008	Shahid Naveed, Abdullah Malik, Naveed Ramzan	Chemical Engineering	Main Campus	Scrubbing gases with a novel spray nozzle suitable for wet scrubbers	23.09.2008
15	1134/2008	Abdullah Malik, Shahid Naveed, Zeshan Nawaz	Chemical Engineering	Main Campus	Shedding ash with novel grate suitable for down draft gasifier	23.09.2008
16	198/2020	Dr. Muhammad Mohsin	Textile Engineering	Faisalabad Campus	Bio based anti-microbial finishing of facemask and full body protective suit	11.05.2020
17	878/2020	Dr. Muhammad Mohsin, Eng. Khurram & Eng. Wardha.	Textile Engineering	Faisalabad Campus	Performance enhancement of textile dyeing and finishing through ozone treatment	22.12.2020
18	670/2021	Dr. Aamer abbas Khan, Dr. Muhammad Mohsi	Textile Engineering	Faisalabad Campus	Development of carbon black and oil from textile waste	10.09.2021

19	483/2022	Dr. Muhammad Mohsin	Textile Engineering	Faisalabad Campus	Extraction, softening and application of cellulosic bast fibres for textiles	28.07.2022
20	471/2019	Dr. Muhammad Mohsin, Mr. Zahid Hussain	Textile Engineering	Faisalabad Campus	Sustainable, water, chemical and cost efficient textile bleach recycling	01.07.2019

Sr #	Application Number	Patent No.	Title of Patent	Inventor	Department	Campus	Filing date	Granted Date
1	554/2017	144026	An apparatus for animal chaff cutting	Ali Azam, Muhammad Mehmood Bhutta, Muhammad Hammad	Mechanical Engineering	Main Campus	26.10.2017	13.07.2023
2	269/2017	144074	Novel process for rapid detection of Sulfonamide residues in dairy milk	Ali Azam, Muhammad Mahmood Aslam Bhutta, Muhammad Hammad	Mechanical Engineering	Main Campus	09.05.2017	30.12.2022
3	308/2018	143614	Development of metallic mordant free and sustainable natural dyeing process for textile	Department of Textile Engineering. Pakistan.	Department of textile Engineering	FSD Campus	02.05.2018	27.11.2020

4	315/2018	143615	Improved textile dyeing and finishing process through micro-nano bubble technology	Department of Textile Engineering. Pakistan.	Department of textile Engineering	FSD Campus	03.05.2018	27.11.2020
5	316/2018	143616	Development of nontoxic and natural mosquito repellent textile	Department of Textile Engineering. Pakistan.	Department of textile Engineering	FSD Campus	03.05.2018	27.11.2020
6	368/2016	143190	A method to generate electrical energy by utilizing a customized Hybrid System	Dr. Hifsa Shahid	Electrical, Electronics and Telecommunication Engineering	New Campus	20.06.2016	04.12.2019