

S.No	Department	Patent Title	Obtained / Filed	Patent Type	Patent Number/ Application No.	Application Filling Date	Patent Grant Year	Inventors list	Ownership (BIT/Inventors/both)	Status(renewed /not renewed)
1	Bio-engineering	Novel B-1,4 endoxylanase from Thermomyces lanuginosus ss-8 and the mode of action thereof	Filed	Product	141/KOL/2010	15.02.2010		1. S. Shrivastava 2. P. Shukla 3. K. Mukhopadhyay	Both	Application is in queue for examination
2	Bio-engineering	A METHOD AND APPARATUS FOR IMAGING OF VASCULATURE OF HUMAN ADAPTING AN INTENSITY DISPARITY FIELD SUBTRACTION OPTICAL COHERENCE TECHNIQUE"	Filed		201931037081	10.09.2019		Raju Poddar	BIT	Provisional
3	Bio-engineering	"A METHOD AND APPARATUS FOR IMAGING OF VASCULATURE OF HUMAN EYES ADAPTING AN INTENSITY DISPARITY FIELD SUBTRACTION OPTICAL COHERENCE TECHNIQUE"	Filed	Product	201931037081	14-09-2020			BIT, ICMR	Full application
4	Chemistry	Novel pyranone carboxamide derivative and use thereof as Anti-Hepatitis C Virus drug.	Obtained	Product	Patent No. 2013-148716; Application No: PCT/JP2014/068880,	17.07.2013	2013	1.Ashoke Sharon 2. Chandralata Bal 3. Masanori Baba 4. Ananda K Konreddy	BIT and Kagoshima University	ACTIVE
5	Chemistry/CIF	A HOUSEHOLD FILTER UNIT USING IRON ORE FINES (IOF) MANGANESE ORE (MO) FOR DECONTAMINATION OF ARSENIC FROM GROUNDWATER	Filed		202031037100	28-08-2020		Dr. Sanjaya Kumar Swain; Mr. Amulya Prasad Panda; Dr. Usha Jha; Dr. Sanjukta Abhay Kumar	BIT	

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6	Chemistry	Crosslinked inulin derivatives for fluoride removal	Filed	Provisional	718/KOL/2013	17-06-2013		Rahul, R. Jha, U. Jha	Both	
7	EEE	A Novel Power Monitoring System for Detection, Localization and Classification of Disturbances.	Obtained	Product	Patent No. 254882 Application No. 612/KOL/2008	27-03-2008	2012	1. M.Jayabharata Reddy 2.Dr. D.K Mohanta 3. Dr. B.M Karan	BIT	Renewed
8	EEE	A Novel System for Detection and Classification of power System Transmission line Faults.	Obtained	Product	Patent No. 256209 Application No. 611/KOL/2008	27-03-2008	2013	1. M.Jayabharata Reddy 2. Dr. D.K Mohanta	BIT	Renewed
9	Mechanical	Virtual manufacturing of transmission elements in particular gears	Obtained	Copyrights	Reg No:L-30685/2008	22.04.2008	3.06.2008	1. Kaushik Kumar 2. Goutam Pohit	BIT	NA
10	Mechanical	Virtual manufacturing of transmission elements	Filed	US Patent	Application no: 12/000,061	07.12.2007	NA	1.Kaushik Kumar 2. Late Sanat Kr, Mukherjee 3. Goutam Pohit	BIT	NA
11	Mechanical	Virtual manufacturing of transmission elements	Filed	Indian Patent	Application no: 1518/kol/2007	02.11.2007	NA	1.Kaushik Kumar 2. Late Sanat Kr, Mukherjee 3. Goutam Pohit	BIT	Published
12	Mechanical	Oxen-driven generator set	Obtained		288/KOL/2006		2006	Dr. Arbind Kumar	BIT	Disposed
13	Pharmacy	Apeesonal care compositions of pongamia seed oil process for preparing the same	Filed	Provisional	2600/Del/2004	Sep-14	NA	1. K.Jayram Kumar, 2. S.Jha, 3. A Pandey, 4. D.Das	BIT and TRIFED	Disposed
14	Production	ALUMINIUM METAL FOAM AND APROCESS FOR PREPARATION THEREOF	Granted		338236	06-06-2012	09-06-2020	1. Joyjeet Ghose 2.Vinay Sharma 3. Surender Kumar	BIT	Renewed

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15	Pharmacy	Novel Orally administrable antidiabetic compounds, process for producing them and therapeutic compositions containing the same	Granted	NA	90/KOL/2005 Patent No-233040	Mar-09	2009	1. S.Samantha, BIT Mesra	Both	Renewed
16	Physics	A Method of generating low energy ions for deposition of insulating nano- structured diamond-like carbon (NS-DLC)	Obtained		276735 (1327/KOL/2007	25-09-2007	2016	1. Dr. P. K. Barhai, 2. Dr. Rishi Sharma	BIT	Renewed
17	Physics	ALL-OPTICAL NOT/XOR, ALL-OPTICAL BISTABLE, ASTABLE MULTIVIBRATOR AND ALL-OPTICAL HALF ADDER USING NOVEL ALL-OPTICAL SWITCHING IN A MACH-ZENDER INTERFEROMETER	Obtained		296862	22-05-2007	2018	1.DR SARANG MEDHEKAR. 2. MR PUNYA PRASANNA PALTANI. 3. BIRLA INSTITUTE OF TECHNOLOGY	Both	Renewed
18	Production	An improved tool device Adaptable to typical milling machines for carrying out friction stir welding procedure and a process thereof	Obtained		238121	2006		S.Muthukumaran	BIT	
19	Production	A process for friction welding a tube sheet or a plate by adapting an external tool.			217446	2006		S.Muthukumaran	BIT	