

Sl. No.	Patent Application No.	Status of Patent (Filed/Published / Granted)	Inventor(s) Name	Title of the Invention	Applicants Name	Patent Filed Date (DD/MM/YYYY)	Patent Published Date / Granted Date (DD/MM/YYYY)	Patent Publication Number / Patent Granted Number	Faculty Name (BIT)	Email Address	Department	Center Name
1	202331084815	Published	1. Shristy Shreya 2. Dr. Muthu Kumar S. 3. Dr. Vinod Kumar Nigam	A METHOD FOR EFFICIENT METAL RECOVERY FROM A POTENT METAL SOURCE	Birla Institute of Technology	12-12-2023	19-01-2024		Dr. Muthu Kumar S.	muthubio@bitmesra.ac.in	BEBT	BIT Mesra
2	202331085600	Published	1. Dr. Anil Chandra Mahato 2. Prabhat Ranjan Mahto 3. Dr. Mukesh Sharma 4. Dr. Arkadeb MUKHOPADHYA 5. Dr. Arun Kumar Kadian	A VARIABLE INERTIA FLYWHEEL FOR POWER CONTROLLING AND DELIVERING SYSTEMS	Birla Institute of Technology	14-12-2023	19-01-2024		Dr. Anil	anilmahato@bitmesra.ac.in	Mechanical	BIT Mesra
3	202331085872	Published	1. Dr. Anupam Roy 2. Bijendra Sahoo 3. Shubhajit Sarkhel 4. Ankanksha Kumari	AN INTEGRATED APPARATUS FOR BLANCHING, STERILIZATION, DRYING, AND RECOVERY OF VOLATILE COMPONENTS	Birla Institute of Technology	15-12-2023	19-04-2024		Dr. Anupam Roy	anupamroy@bitmesra.ac.in	Chemical Engg.	BIT Mesra

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4	202331085871	Published	1. Dr. Anupam Roy 2. Bijendra Sahoo 3. Shubhajit Sarkhel	A MULTIPURPOSE INTEGRATED APPARATUS FOR TREATMENT OF POWDER, FLAKED AND GRANULAR MATERIAL	Birla Institute of Technology	15-12-2023	19-04-2024		Dr. Anupam Roy	anupamroy@bitmesra.ac.in	Chemical Engg.	BIT Mesra
5	202331089113	Published	1. SARKAR, Dr. Biswatrish 2. SAHA, Rajdeep 3. ARYAN, Riya	MICROSPHERE-BASED GEL FOR WOUND CARE WITH CONTROLLED DRUG RELEASE APPLICATIONS AND METHOD OF SYNTHESIS THEREOF	Birla Institute of Technology	27-12-2023	26-01-2024		Dr. Biswatrish Sarkar	biswatrishsarkar@bitmesra.ac.in	Pharmacy	BIT Mesra
6	202331090139	Published	1. Sanskriti 2. PATNAIK, Dr. K. Sridhar 3. RAJ, Saumya 4. RAI, Saraswati 5. SINHA, M.K 6. MISHRA, S.K. 7. AMRESH, A.K.	AN AUTOMATIC TOILET DOOR SYSTEM AND METHOD THEREOF FOR MAINTAINING HYGIENE IN A TOILET	Birla Institute of Technology	30-12-2023	26-01-2024		Dr. Patnaik	kspatnaik@bitmesra.ac.in	CSE	BIT Mesra

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7	202431002003	Published & Awaiting FER	1. LAKRA, Usha 2. NIGAM, Dr. 3. SHARMA, Dr. Shubha Rani	A METHOD FOR TIME-EFFICIENT PRODUCTION OF MICROBIAL NATURAL PRODUCT USING MINIMAL MEDIA	Birla Institute of Technology	10-01-2024	19-01-2024		Dr. Shubha Rani Sharma	srsharma@bitmesra.ac.in	BEBT	BIT Mesra
8	202431002973	Published	1. DUBEY, Ritesh 2. KUMAR, Dr. Rajiv 3. BISWAS, Dr. Shelly	AN IGNITER FORMULATION FOR SOLID ROCKET MOTORS AND METHOD OF PREPARATION THEREOF	Birla Institute of Technology	15-01-2024	02-02-2024		Dr. Rajiv Kumar	rajiv@bitmesra.ac.in	SER	BIT Mesra
9	202431002972	Published	1. MISHRA, Dr. Sumit 2. KUMARI, Dr. Nisha	A BIOPOLYMER-BASED HYDROPHOBIC ADHESIVE AND METHOD OF SYNTHESIS THEREOF	Birla Institute of Technology	15-01-2024	02-02-2024		Dr. Sumit Mishra	smishra@bitmesra.ac.in	Chemistry	BIT Mesra
10	202431004558	Published	1. MISHRA, Dr. Gajendra Kant 2. SINHA, Dr. Rupesh Kumar 3. KIRAN, Anisha 4. CHOUHAN, Ashish	AN INTERACTIVE ARTIFICIAL INTELLIGENCE-BASED CHILD SURVEILLANCE DEVICE AND METHOD THEREOF	Birla Institute of Technology	23-01-2024	09-02-2024		Dr. G.K Mishra	gkmishra@bitmesra.ac.in	ECE	BIT Mesra

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11	202431004557	Published	1. NAHAR, Jainam 2. KUMAR, Dr. Priyank 3. SINHA, Dr. Rupesh Kumar	AN INTELLIGENT TRAFFIC CONTROL SYSTEM, A COMMUNICATION SYSTEM AND METHOD THEREOF, FOR PRIORITIZING EMERGENCY VEHICLES	Birla Institute of Technology	23-01-2024	09-02-2024		Dr. Priyank Kumar	priyankkumar@bitmesra.ac.in	SER	BIT Mesra
12	202431006964	Published	1. JAISWAL, Sugandha 2. SINHA, Dr. Rakesh Kumar 3. NIGAM, Dr. Vinod Kumar	A METHOD FOR ISOLATING EXTREMOPHILIC BACTERIAL MICROFLORA FROM A SEMI DIGESTED FOOD SAMPLE AND A BIOCATALYST FORMULATION THEREOF	Birla Institute of Technology	01-02-2024	09-02-2024		Dr. Vinod Kumar Nigam	vkigam@bitmesra.ac.in	BEBT	BIT Mesra
13	202431007428	Published	1. GARG, Rishabh 2. PRASAD, Dr. Dinesh	A METHOD AND DEVICE FOR NUCLEIC ACID EXTRACTION AND PURIFICATION	Birla Institute of Technology	03-02-2024	09-02-2024		Dr. Dinesh Prasad	dinesh@bitmesra.ac.in	BEBT	BIT Mesra

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14	202431014130	Published	1. KAR, Dr. Pradip 2. KUNDU, Sadhana	NANOPARTICLE-BASED SENSOR, METHOD OF PREPARATION, AND USE FOR DETECTION OF HEAVY METAL CONTAMINATION	Birla Institute of Technology	27-02-2024	08-03-2024		Dr. Pradip Kar	pkar@bitmesra	Chemistry	BIT Mesra
15	202431014129	Published	1. SINGH, Ravi Pratap 2. PATTNAIK, Dr. Ashok Kumar 3. NAYAK, Nikita 4. MERU, Dr. Ashwinkumar V 5. JUNJAPPA, Dr. Raghu Patil 6. SURESH, Dr. K A	A METHOD FOR PREPARING A NATURAL PRODUCT-BASED ANTIHYPERLIPIDEMIC FORMULATION UTILIZING A PANTROPICAL CROP	Birla Institute of Technology	27-02-2024	08-03-2024		Dr. Ashok K. Pattnaik	ashokp@bitmesra.ac.in	Pharmacy	BIT Mesra
16	202431017120	Published	1. GANGULY, Dr. Swastika 2. MAITI, Nigam Jyoti 3. CHOOWONGKOMON, Dr. Kiattawee	NOVEL BENZOTRIAZOLE COMPOUNDS AND METHOD OF SYNTHESIS THEREOF	Birla Institute of Technology	09-03-2024	22-03-2024		Prof. Swastika Ganguly	swastikaganguly@bitmesra.ac.in	Pharmacy	BIT Mesra

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17	202431018460	Published	1. MISHRA, Dr. Sumit 2. DE, Asmita	A METHOD FOR SYNTHESIZING A NEW FLUORESCENT METAL ORGANIC FRAMEWORK	Birla Institute of Technology	14-03-2024	22-03-2024		Dr. Sumit Mishra	smishra@bitmesra.ac.in	Chemistry	BIT Mesra
18	202431021999	Published	1. RAJ, Deepak 2. KUMAR, Dr. Rajeev	AN ALPHA STEAM-BASED STIRLING SYSTEM FOR POWER GENERATION AND METHOD THEREOF	Birla Institute of Technology	21-03-2024	05-04-2024		Dr. Rajeev Kumar	rajeevkumar@bitmesra.ac.in	Mechanical	BIT Mesra
19	202431027046	Published	1. Dr. Kunal MUKHOPADHYAY, 2. Uzma Afreen 3. Dr. Paramjit Kour 4. Dr. Manish Kumar	A METHOD FOR SYNTHESIZING SILICA NANOPARTICLES FROM WASTE PLANT MATTER	Birla Institute of Technology	01-04-2024	19-04-2024		Dr. K Mukhopadhyay	kmukhopadhyay@bitmesra.ac.in	BEBT	BIT Mesra
20	202431028169	Published	1. Prakash Kumar 2. Dr. Binay Kumar	A HYBRID METAL MATRIX COMPOSITE MATERIAL AND METHOD OF FABRICATING THE SAME	Birla Institute of Technology	05-04-2024	19-04-2024		Dr. Binay Kumar	binaykumar77@gmail.com	PIE	BIT Mesra

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21	202431028924	Published	1. SHARMA, Dr. Mukesh 2. ROY, Dr. Apurba Kumar 3. KUMAR, Dr. Kaushik 4. BHARTI, Dr. Anand	A SOLAR STILL APPARATUS AND METHOD OF USE THEREOF	Birla Institute of Technology	09-04-2024	19-04-2024		Dr. Mukesh Sharma	mukeshsharma@bitmesra.ac.in	Mechanical	BIT Mesra
22	202431030827	Published	1. Gyandeep 2. KUMAR, Dr. Rajiv	A HYBRID ROCKET MOTOR WITH AN IMPROVED PORT ALIGNMENT AND CONFIGURATION	Birla Institute of Technology	17-04-2024	26-04-2024		Dr. Rajiv Kumar	rajiv@bitmesra	SER	BIT Mesra
23	202431031247	Published	1. BASU, Shatabdi 2. MUKHERJEE, Dr. Koel	PHYTOCHEMICAL-BASED NANOFIBER FORMULATION AND METHOD OF FABRICATION THEREOF	Birla Institute of Technology	18-04-2024	26-04-2024		Dr. Koel Mukherjee	koelmukherjee@bitmesra.ac.in	BEBT	BIT Mesra

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24	202431032969	Published & Awaiting FER	1. ANWAR, Dr. Shamama 2. PRANAV, Dr. Prashant 3. DUTTA, Dr. Sandip	AN ENCRYPTION BASED PORTABLE DEVICE FOR GENERATING ELECTRONIC HEALTH RECORDS (EHRS) AND METHOD THEREOF	Birla Institute of Technology	25-04-2024	03-05-2024		Dr. Shamama	shamama@bitmesra.ac.in	CSE	BIT Mesra
25	202431035393	Published	1. BRAR, Dr. Lakhbir Singh 2. SHARMA, Rishikesh 3. MISHRA, Dipti Prasad	A FIN AND TUBE HEAT EXCHANGER WITH INCLINED CONTINUOUS VORTEX GENERATORS	Birla Institute of Technology	03-05-2024	10-05-2024		Dr. Lakhbir	lakhbir.bitmesra@gmail.com	Mechanical	BIT Mesra
26	202431035650	Published	1.NIGAM, Dr. Vinod Kumar 2. KUMAR, Abhimanyu 3. SATPATHY, Anushka 4. VERMA, Vishakha	A METHOD FOR FORMULATING BIOMOLECULE-METABOLIZING MICROBIAL CONSORTIA	Birla Institute of Technology	06-05-2024	17-05-2024		Dr. Vinod Kumar Nigam	vkigam@bitmesra.ac.in	BEBT	BIT Mesra

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27	202431038910	Published	1. GARG, Rishabh 2. PRASAD, Dr. Dinesh	A POLYMER SHEET FOR DETERMINING NUCLEIC ACID AND METHOD OF USE THEREOF	Birla Institute of Technology	17-05-2024	31-05-2024		Dr. Dinesh Prasad	dinesh@bitmesra.ac.in	BEBT	BIT Mesra
28	202431039960	Published	NAAZ, Komal NIRAJ, Dr. Kumar Singh	A DIGITAL HINDI LITERARY CRITIC DEVICE AND METHOD THEREOF	Birla Institute of Technology	22-05-2024	31-05-2024		Dr. Niraj Kumar Singh	niraj_2027@yahoo.co.in	CSE	BIT Mesra
29	Patent 1198756	Granted	Venugopala, Katharigatta N., Pran Kishore Deb, Raghu Prasad Mailavaram	3-Cyano 4,5-diphenyl furan-2-carboxamides as potential antitubercular agents.			21/05/2024		Pran Kishore	prankishoredeb@bitmesra.ac.in	Pharmacy	BIT Mesra

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30	Patent 1198647	Granted	Venugopala, Katharigatta N., Keshab M. Bairagi, Pran Kishore Deb , Melendran Pillay, Mohamed A. Morsy, Susanta K. Nayak, Sandeep Chandrashekhar appa, Osama I. Alwassil.	(6-Methyl-4-substitutedphenyl-2-oxo/thioxo-1,2,3,4-tetrahydropyrimidin-5-yl)(piperidin-1-yl)methanones as anti-tubercular agents.			21/05/2024		Pran Kishore	prankishoredeb@bitmesra.ac.in	Pharmacy	BIT Mesra
31	Patent 1198164	Granted	Venugopala, Katharigatta N., Pran Kishore Deb , Melendran Pillay, P. Nefisath, Mohamed A. Morsy, S. Shashiprabha, Jagadeesh Prasad Dasappa, and Rashmi Venugopala.	Oxoimidazolidine derivatives as anti-tubercular agents.			14/05/2024		Pran Kishore	prankishoredeb@bitmesra.ac.in	Pharmacy	BIT Mesra

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32	Patent 1198167	Granted	Venugopala, Katharigatta N., Sandeep Chandrashekhar appa, Pran Kishore Deb , Osama I. Alwassil, and Rashmi Venugopala.	7-isopropyl 1-ethyl/methyl 3-(substituted benzoyl)-2-substituted indolizine-1, 7-dicarboxylates as larvicidal agents.			14/05/2024		Pran Kishore	prankishoredeb@bitmesra.ac.in	Pharmacy	BIT Mesra
33	Patent 1197606	Granted	Venugopala, Katharigatta N., Melendran Pillay, Vijaykumar Uppar, Pran Kishore Deb , Rashmi Venugopala, Sandeep Chandrashekhar appa, and Basavaraj Padmashali.	Substituted 7-amino-3-(substituted benzoyl) indolizine-1-carboxylates as anti-tubercular agents.			07-05-2024		Pran Kishore	prankishoredeb@bitmesra.ac.in	Pharmacy	BIT Mesra

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34	Patent 1197499	Granted	Venugopala, Katharigatta N., Buccioni Michela, Gabriella Marucci, Pran Kishore Deb , Mohamed A. Morsy, Bandar Aldhubiab, Mahesh Attimarad et al.	Adenosine receptor activity of methyl/ethyl 3-(substituted benzoyl)-6, 8-dimethylindolizine-2-substituted-1-carboxylates.			07-05-2024		Pran Kishore	prankishoredeb@bitmesra.ac.in	Pharmacy	BIT Mesra
35	Patent 1197047	Granted	Venugopala, Katharigatta N., Pran Kishore Deb , and Rashmi Venugopala.	{5-chloro-2-(2-(3-(substitutedphenyl)-1,2,4-oxadiazol-5-yl)ethyl)phenyl}(phenyl)methanones as larvicidal agents.			30/04/2024		Pran Kishore	prankishoredeb@bitmesra.ac.in	Pharmacy	BIT Mesra

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36	Patent 1196498	Granted	Venugopala, Katharigatta N., Pran Kishore Deb , Vinuta Kamat, Rangappa Santosh, Boja Poojary, Manohar S. Kugaji, Vijay M. Kumba, Mohamed A Morsy, Bandar Aldhubiab, Mahesh Attimarad, Anroop B Nair, Nagaraja Sreeharsha.	5-(3-substitutedphenyl)-pyrimido[4,5-d]pyrimidine-2,4,7(1H,3H,8H)-trione derivatives as anticancer agents.			23/04/2024		Pran Kishore	prankishoredeb@bitmesra.ac.in	Pharmacy	BIT Mesra

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37	Patent 1193812	Granted	Venugopala, Katharigatta N., Pran Kishore Deb , Melendran Pillay, Sandeep Chandrashekhar appa, Mohamed A. Morsy, Bandar Aldhubiab, Mahesh Attimarad, Anroop B Nair, Nagaraja Sreeharsha, Christophe Tradrat, Sheena Shashikanth, Vijaykumar Uppar, Basavaraj Padmashali.	Ethyl 2-substituted-1-(substitutedbenzoyl)-7-methylpyrrolo[1,2-a]quinoline-3-carboxylate derivatives as anti-tubercular agents.			26/03/2024		Pran Kishore	prankishoredeb@bitmesra.ac.in	Pharmacy	BIT Mesra

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38	Patent 1193265	Granted	Venugopala, Katharigatta N., Pran Kishore Deb , Raghu Prasad Mailavaram, Nizar A. Al-Shar'i, Swastika Ganguly, Bapi Gorain, Lim Tse Mun, and Jamie Kow Kean Hing.	Thieno [2,3-d]pyrimidines as COX-2 inhibitors.			19/03/2024		Pran Kishore	prankishoredeb@bitmesra.ac.in	Pharmacy	BIT Mesra

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39	Patent 1193264	Granted	Venugopala, Katharigatta N., Pran Kishore Deb , Vinuta Kamat, Rangappa Santosh, Boja Poojary, Manohar S. Kugaji, Vijay M. Kumbar, Mohamed A Morsy, Bandar Aldhubiab, Mahesh Attimarad, Anroop B Nair, Nagaraja Sreeharsha.	5-(3-substituted phenyl)-pyrimido[4,5-d]pyrimidine-2,4,7(1H,3H,8H)-trione derivatives as anticancer agents.			19/03/2024		Pran Kishore	prankishoredeb@bitmesra.ac.in	Pharmacy	BIT Mesra

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40	Patent 1192662	Granted	Venugopala, Katharigatta N., Pran Kishore Deb , Melendran Pillay, Vijaykumar Uppar, Mohamed A. Morsy, Bandar Aldhubiab, Mahesh Attimarad, Anroop B Nair, Nagaraja Sreeharsha, Sandeep Chandrashekhar appa, Padmashali, Basavaraj.	Substituted 7-methyl quinoline derivatives as antitubercular agents.			12-03-2024		Pran Kishore	prankishoredeb@bitmesra.ac.in	Pharmacy	BIT Mesra
41	Patent 1192660	Granted	Venugopala, Katharigatta N., Pran Kishore Deb , Rashmi Venugopala, Nizar A. Al-shar'i, Mohamed A. Morsy, and Bandar E. Aldhubiab.	4-amino-5-(4-fluoro-3-phenoxyphenyl)-4H-1,2,4-triazole-3-thiol derivatives as antifungal agents.			12-03-2024		Pran Kishore	prankishoredeb@bitmesra.ac.in	Pharmacy	BIT Mesra

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42	Patent 1191986	Granted	Venugopala, Katharigatta N., Pran Kishore Deb , Melendran Pillay, Mohamed A. Morsy, Bandar Aldhubiab, and Sandeep Chandrashekhar appa.	1-2-(substitutedphenyl)-2-oxoethyl)-4-(isopropoxycarbonyl)pyridin-1-ium bromides as anti-tubercular agents.			05-03-2024		Pran Kishore	prankishoredeb@bitmesra.ac.in	Pharmacy	BIT Mesra
43	Patent 1191268	Granted	Venugopala, Katharigatta N., Keshab M. Bairagi, Pran Kishore Deb , Melendran Pillay, Mohamed A. Morsy, Susanta K. Nayak, Sandeep Chandrashekhar appa, and Osama I. Alwassil.	(6-methyl-4-substitutedphenyl-2-oxo/thioxo-1,2,3,4-tetrahydropyrimidin-5-yl)(piperidin-1-yl)methanones as antitubercular agents.			27/02/2024		Pran Kishore	prankishoredeb@bitmesra.ac.in	Pharmacy	BIT Mesra

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44	S. Patent 11905279	Granted	Venugopala, Katharigatta N., Pran Kishore Deb , Wafa Hourani, P. Nefisath, Mohamed A. Morsy, S. Shashiprabha, Jagadeesh Prasad Dasappa, Rashmi Venugopala, and Raghu Prasad Mailavaram.	Benzylidene derivatives of fenobam as anti-inflammatory agents.			20/02/2024		Pran Kishore	prankishoredeb@bitmesra.ac.in	Pharmacy	BIT Mesra

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45	Patent 1188463	Granted	Venugopala, Katharigatta N., Pran Kishore Deb , Melendran Pillay, Sandeep Chandrashekhar appa, Mohamed A. Morsy, Bandar Adhubiab, Mahesh Attimarad, Anroop B Nair, Nagaraja Sreeharsha, Christophe Tradrat, Sheena Shashikanth.	Substituted phenyl quinolin-1-ium bromide derivative as anti-tubercular agents.			30/1/2024		Pran Kishore	prankishoredeb@bitmesra.ac.in	Pharmacy	BIT Mesra

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46	Patent 1188467	Granted	Venugopala, Katharigatta N., Pran Kishore Deb , Vinuta Kamat, Rangappa Santosh, Boja Poojary, Manohar S. Kugaji, Vijay M. Kumbar, Mohamed A. Morsy, Bandar Aldhubiab, Mahesh Attimarad, Anroop B. Nair, Nagaraja Sreeharsha.	5-(substitutedphenyl)-7-imino-7,8-dihydropyrimido[4,5-d]pyrimidine-2,4(1H,3H)-dione analogues as anti-inflammatory agents.			30/1/2024		Pran Kishore	prankishoredeb@bitmesra.ac.in	Pharmacy	BIT Mesra

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47	Patent US118457	Granted	Venugopala, Katharigatta N., Pran Kishore Deb , Melendran Pillay, Sandeep Chandrashekhar appa, Mohamed A. Morsy, Bandar Aldhubiab, Mahesh Attimarad, Anroop B. Nair, Nagaraja Sreeharsha, Christophe Tradrat, Sheena Shashikanth, Vijaykumar Uppar, Basavaraj Padmashali.	Ethyl 2-substituted-1-(substitutedbenzoyl)-7-methylpyrrolo[1,2-a]quinoline-3-carboxylate derivatives as anti-tubercular agents.			19/12/2023		Pran Kishore	prankishoredeb@bitmesra.ac.in	Pharmacy	BIT Mesra
48	415533-001	Granted	1.Dr. Sanjay Kumar Jha 2. Dr. Ravi Shankar Anand 3.Dr. Prashant Prakash	TOOL PIN FOR FRICTION STIR WELDING			01-05-2024	415533-001	Sanjay Kumar	sanjayjha@bitmesra.ac.in	PIE	BIT Mesra

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49	202431049057	Published	1. PANDEY, Mamata 2. KESHRI, Dr. Anup Kumar 3. SINHA, Dr. Rakesh Kumar	AN ECG-BASED AUTHENTICATION SYSTEM AND METHOD THEREOF		26-06-2024	05-07-2024	27/2024	Dr. Anup Kumar Keshri	anup_keshri@bitmesra.ac.in	CSE	BIT Mesra
50	202331013273	Granted	1. Sudip Kumar Sahana 2. Sankar Mukherjee 3. Milan Kumar Dholey	IOT BASED AUTOMATED REAL TIME MONITORING SYSTEM FOR PATIENTS AND METHOD THEREOF	Birla Institute Of Technology (BIT)	44984	24.05.2024	538796		sudipsahana@bitmesra.ac.in	CSE	BIT Mesra
51	202231071957	Granted	1. PARAG ROY 2. ANIMESH GHOSH	PHARMACEUTICAL CO-CRYSTAL COMPOSITION OF PIPERAZINE AND SULFAMETHOXAZOLE AND METHOD THEREOF	Birla Institute Of Technology (BIT)	44908	27.05.2024	539514		aghosh@bitmesra.ac.in	Pharmacy	BIT Mesra

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52	202431051818	Published	1. UMAR, Abdullah 2. KUMAR, Dr. Deepak 3. GHOSE, Dr. Tirthadip	A DECENTRALIZED PEER-TO-PEER ENERGY TRADING SYSTEM FOR A COMMUNITY MICROGRID AND METHOD THEREOF	Birla Institute Of Technology (BIT)	06-07-2024	13-09-2024	37/2024		deepakkumar@bitmesra.ac.in	EEE	BIT Mesra
53	202431053454	Published	1. MISHRA, Dr. Sumit 2. CHOUDHARY, Munmun 3. DE, Asmita 4. DAS, Srinath	A BIOPOLYMER-BASED METAL-ORGANIC FRAMEWORK COMPOSITE AND METHOD OF FABRICATION THEREOF	Birla Institute Of Technology (BIT)	12-07-2024	20-09-2024	38/2024		smishra@bitmesra.ac.in	Chemistry	BIT Mesra
54	202431053477	Published	1. BISHNU, Dr. Partha Sarathi 2. KUMAR, Abhishek 3. BHATTACHARJEE, Dr. Vandana	SYSTEM AND METHOD FOR OPTIMIZING DISCOUNTS TO ENHANCE CUSTOMER SATISFACTION AND COMPANY'S REVENUE	Birla Institute Of Technology (BIT)	12-07-2024	20-09-2024	38/2024		psbishnu@bitmesra.ac.in	CSE BIT Lalpur	BIT Lalpur

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55	202431072644	Published	1. . KUMAR, Rohit 2. SONI, Prity 3. SWAIN, Dr. Subrat Kumar 4. MISHRA, Dr. Sudhansu Kumar 5. MISHRA, Dr. Pankaj 6. KUMAR, Sarode Shiva	A WIND FARM INTEGRATED POWER GENERATION SYSTEM AND METHOD THEREOF	Birla Institute Of Technology (BIT)	25-09-2024	04-10-2024	40/2024		subratkumarswain@bitmesra.ac.in	EEE	BIT Mesra
56	202431080829	Published	1. CHAKRABORTY, Dr. Soubhik 2. KUNDU, Bouhayan 3. SINGH, Prerna 4. MUKHERJEE, Pranvesh 5. KATYAYAN, Nimisha	A SYSTEM FOR PROCESSING OF AUDIO SIGNALS FOR AUTOMATIC PITCH DETECTION AND METHOD THEREOF	Birla Institute Of Technology (BIT)	23-10-2024	01-11-2024	44/2024		soubhik@bitmesra.ac.in	Maths	BIT Mesra

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57	202431085119	Published	1. KUMARI, Kajal 2. SAMPATH, Dr. Muthu Kumar 3. BAL, Dr. Trishna 4. SINGH, Dr. Hare Ram	NANOPARTICLE-CHARGED HYDROGEL DRESSING FOR WOUND MANAGEMENT	Birla Institute Of Technology (BIT)	06-11-2024	15-11-2024	46/2024		muthubio@bitmesra.ac.in	BEBT	BIT Mesra
58	202431087019	Published	1. MONDAL, Dr. Abhijit 2. P, Gokul Gangadharan	A ROTATING ELECTROCHEMICAL REACTOR USING BORON-DOPED DIAMOND AND TITANIUM ELECTRODES FOR DEGRADING POLYSTYRENE MICROPLASTICS, AND METHOD THEREOF	Birla Institute Of Technology (BIT)	12-11-2024	22-11-2024	47/2024		abhijitbit21@bitmesra.ac.in	Chemical Engg.	BIT Mesra

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59	427593-001	Granted	1.Dr. Partha Paul 2. Mr. Jayesh Joshi 3.Gaurav Rajabhau Patel 4.Mayur Tembhurney 5.Mayank Mishra 6.Kartik Gupta 7.Dr. Dhanraj Verma 8.Dr. Praveen Kumar Patidar 9.Sameer Tembhurney	IOT BASED LI-ION BATTERY MONITORING DEVICE FOR EV			20-08-2024	427593-001			CSE BIT Lalpur	BIT Lalpur
60	202431104658	Published	1.Dr. Soubhik CHAKRABORTY, 2. Avinav PRASAD, 3. Apoorva CHAKRABORTY, 4. Purna SINGH	A personalized music therapy system for enhancing user well-being	Birla Institute Of Technology (BIT)	30.12.2024	10.01.2025	Feb-25		soubhik@bitmesra.ac.in		
61	202431104657	Filed	Adhishree SRIVASTAVA, Shahbaz Ahmad KHAN, Himanshu PRIYADARSHI, Sanjoy Kumar PARIDA, Nidhi MISHRA	SOLAR ENERGY TRACKING SYSTEM WITH WATER BASED CLEANING SYSTEM	Birla Institute Of Technology (BIT)	30.12.2024				adhishree@bitmesra.ac.in	EEE	BIT Patna

