



CENTRE FOR INDUSTRY INSTITUTE PARTNERSHIP

GURU JAMBHESHWAR UNIVERSITY OF SCIENCE & TECHNOLOGY, HISAR

List of Patent filed/ Granted

Sr. No.	Inventor(s)	Title of Invention	Application No.	Publication Date	Applicant	Patent No.	Status/Remarks	Year awarded/ Published
1.	1. Dr. Ashok Chaudhary 2. Dr. Minakshi Pal	Method of Direct Regeneration, Shikonin Induction in Callus and Agrobacterium-mediated genetic transformation of <i>Arnebia Hispidissima</i>	EP05256545A Dated 21.10.2005	26.04.2006	GJUS&T, Hisar and DBT, New Delhi	Patent No. EP 1649743	Granted 08.10.2008	2008
2.	1. Dr. Ashok Chaudhary 2. Dr. Minakshi Pal	Method for transformation of <i>Arnebia</i> species	2483/DEL/2004 Dated 14.12.2004	03.11.2006	GJUS&T, Hisar and DBT, New Delhi	Patent No. 244496	Granted 10.12.2010	2010
3.	1. Prof. Bhupendar Singh Khatkar 2. Mr. Deepak Mudgil 3. Ms. Sweta Barak 4. Ms. Neelam Gulia	An Innovative Chemically Stabilized Product for use in Baking Industry and method of preparation for same.	2167/DEL/2010 Dated 13.09.2010	14.09.2012	GJUS&T, Hisar	---	Published & Deemed to be withdrawn u/s 11B(4)	2012
4.	1. Prof. Bhupendar Singh Khatkar 2. Mr. Deepak Mudgil 3. Ms. Sweta Barak	A Novel Comprehensive Test/Kit for Detection of Urea Adulteration in Milk.	558/DEL/2010 Dated 10.09.2010	04.10.2013	GJUS&T, Hisar	---	Published & Deemed to be withdrawn u/s 11B(4)	2013
5.	1. Prof Surendra Kumar Sharma 2. Mr. Naresh Kumar	A Novel Bio-derived Extract based Anti-Malarial Composition and Method of preparation of same.	1839/DEL/2013 Dated 21.06.2013	---	GJUS&T, Hisar	--	Disposed	---
6.	1. Prof Surendra Kumar Sharma 2. Mr. Harneet Singh	Composition Comprising Herbal Extract of <i>JATROPHA INTEGERRIMA</i> JACQ and Uses thereof	2398/DEL/2013 Dated 13.08.2013	20.02.2015	GJUS&T, Hisar	--	Disposed	2015



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7.	1. Prof Surendra Kumar Sharma 2. Mr. Harneet Singh	Anti-Diabetic Comprising Herbal Extract of JATROPHA INTEGERRIMA JACQ and Uses thereof	3744/DEL/2013 Dated 24.12.2013	26.06.2015	GJUS&T, Hisar	--	Disposed	2015
8.	1. Prof. Milind Parle 2. Mrs. Isha Dhamija	A Novel device for assessing and analysing the inducing of anxiety disorder in laboratory animals and method of working for same	1421/DEL/2013 Dated 13.05.2013	----	GJUS&T, Hisar	--	Disposed	---
9.	1. Dr. Ashok Chaudhary 2. Dr. Minakshi Pal	Method of Direct Regeneration and Shikonin Induction in Callus of Arnebia hispidissima SP	2066/DEL/2004 Dated 21.10.2004	12.07.2013	GJUS&T, Hisar and DBT, New Delhi	Patent No. 279667	Granted 27.01.2017	2017
10.	1. Prof. J. B. Dahiya 2. Ms Shubha	Flame retardant cotton fabric using admicellar polymerization process	201711037273 Dated 23.10.2017	26.04.2019	GJUS&T, Hisar	--	Reply Filed. Application in amended examination	2019
11.	1.Prof. Namita Singh 2.Anita Devi 3.Rajneesh Jaryal	A novel and efficient method for deinking during recycling of waste paper	201811016155 Dated 29.04.2018	01.11.2019	(Not through GJUS&T, Hisar)	--	Reply Filed. Application in amended examination	2019
12.	Dr. Umesh Arya	TecVac	Registration No. L-64554/2016 Trade Mark	16.09.2019	(Not through GJUS&T, Hisar)	Registered no.4270027	Registered	2019
13.	1. Anju Manuja 2. Sandeep Kumar 3. Gaurav Bhanjana 4. Harmanmeet Kaur 5. Neeraj Dilbaghi	“Nano Drug Delivery For Quinapyramine Sulphate”	2560/DEL/2011	08.03.2013	(Not through GJUS&T, Hisar)	Patent No. 310429	Granted 29.03.2019	2019



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14.	1. Prof. B.S.Khatkar 2. Mr. Vinod Kumar Tiwari 3. Ms. Ashu	Method of Detection of Detergent in Adultrated Milk	201811040066 Dated 24.10.2018	01.05.2020	GJUS&T, Hisar	-----	Published & Dispose off	2020
15	1.Mr. Sardul Singh Dhayal, 2. Pokkunuri Pardha Saradhi 3. Raghava Yathiraju, 4. R. Ganesh babu, 5. Mohanavel V., 6.K. Ravindra Babu	A Centralized Parking Space Management System By Using Distributed Antenna Techniques	2020101498	27.08.2020	(Not through GJUS&T, Hisar)	2020101498 Australian Utility Patent	Granted 27.08.2020	2020
16	1.Mr Sardul Singh Dhayal, 2.Mr Atul Kumar, 3.Mr J Vairamuthu, 4.Dr M Ravichandran, 5.Dr R Janarthanan, 6.Dr U Arunachalam, 7.Dr V Mohanavel	A Smart and Efficient Sanitizer Dispenser Along With Alarm and Uv Sanitization Mechanism	2020101428	27.08.2020	(Not through GJUS&T, Hisar)	2020101428 Australian Utility Patent	Granted 27.08.2020	2020
17	1.Mr Sardul Singh Dhayal 2. Satya Dev 3.Atul Kumar 4.Pardeep Kumar, 5. Kamal kant. Kashyap, 6. Rakesh Dhar 7.Surender Duhan	A Smart Door Lock Safety System to Monitor the Door Continuously Over the Cloud	2020102216	22.10.2020	(Not through GJUS&T, Hisar)	2020102216 Australian Utility Patent	Granted 22.10.2020	2020
18.	1.Dr. Sumit Saroha 2. Dr. Anirban Das	Jot and Sensors Based System and Method for Artificial Kidney	202041034535	04.09.2020	(Not through GJUS&T, Hisar)	---	Published & Dispose off	2020



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	3. Dr. Neel Kamal 4. Dr. Pankaj Kumar 5. Dr. Vivek Kumar 6. Dr. Vineet Shekher 7. Dr. Gunasekaran Manogaran 8. Dr. BalaAnand Muthu 9. Dr. S. Balamurugan							
19.	1. Dr. Sumit Saroha 2. Dr. Manoj Kumar 3. Mr. Survir 4. Dr. Vivek Kumar 5. Dr. Vineet Shekher 6. Dr. Chandan Kumar 7. Dr. S. Balamurugan	Universal Remote for Home Appliances	202031019501	12.06.2020	(Not through GJUS&T, Hisar)	---	Published & Dispose off	2020
20	1. Dr. Charanjeet Madan 2 . Charanjeet Singh 3 . Naveen Kumar 4 . Rajakumar B. R. 5 . Binu Dennis	Iot Based Smart House For Activity Recognition of Old Age People	202011046931	06/11/2020	(Not through GJUS&T, Hisar)	---	Reply Filed. Application in amended examination	2020
21	1.Dr. Shafali Jain 2. Ms. Neeti Dugaya 3. Ms. Seema Rajput 4. Mr. Vivek Tiwari 5. Ms. Priyanka Rajput 6. Dhiren Kumar Behera 7. Dr. Sujata A. Mankar 8. Mohit Kumar	Iot Based Smart Management Of Autonomous Guided vehicle In Smart industrial manufacturing"	202021043697	30.10.2020	(Not through GJUS&T, Hisar)	---	Published & Dispose off	2020



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	9. Krishan Kumar 10. Neeraj Kumar							
22	1. Dr. Anita Khosla 2. Ashish Grover 3. Richa Adhlakha 4. Dr. Priti Prabhakar 5. Sujata Arora	A System For Solar Radiation Estimation For A Solar Based Power System And Method Thereof	202011045281	30.10.2020	(Not through GJUS&T, Hisar)	---	Published & Awaiting request for examination	2020
23	1. Sumitra Singh 2. Shiva	Medicated Cloth For Prevention And Treatment Of Occupational Skin Diseases	201811042989	14.08.2020	(Not through GJUS&T, Hisar)	---	Reply filed. Application in amended examination	2020
24	Prof. Milind Parle	A Simple Device For Measuring Memory And Detecting The Anti-Alzheimer Potential of New Medicines	4127/DEL/2015	08/01/2016	(Not through GJUS&T, Hisar)	Patent No. 375067	Granted 27.08.2021	2021
25	1. Mohit Kumar 2. Manoj 3. Jaivir Singh 4. Sandeep Yadav 5. Sonia Kumari 6. Deepesh Sharma 7. Utpal 8. Sachinpal Singh Yadav 9. Amritpal Singh Yadav 10. Naveen	IoT Based Real Time Smart Control Of Logistics Using Wireless Sensor Network	202111003478	29.01.2021	(Not through GJUS&T, Hisar)	---	Published & Dispose off	2021



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26	1. Anshuka Bansal 2. Dr. Priti Prabhakar 3. Sunil Kumar Bansal	A System For Battery Optimization For Automatic Vehicle And Method Thereof	202111023672	11.06.2021	(Not through GJUS&T, Hisar)	---	Published & Awaiting request for examination	2021
27	1. Dr. Rajender Kumar Beniwal 2. Dr. Priti Prabhakar 3. Suman Dahiya 4. Atma Ram	Environment-Friendly Intelligent Connected Vehicle Driven By Advanced Hybrid Renewable Energy And Iot For Nh7 Only	202111043793	15.10.2021	(Not through GJUS&T, Hisar)	----	Published & Awaiting request for examination	2021
28	Budhwar, Savita Kumar, Suneel Amanjeet Singh , Balvinder Chakraborty, Manali Miglani, Aayushi Jakhar, Megha	A Process For Formulating Moringa Flavoured Multibrand Bread	2021106684	24.11.2021	(Not through GJUS&T, Hisar)	2021106684 Australian Utility Patent	Granted 24.11.2021	2021
29.	1. Vikas Nandal 2. Tajender Malik 3. Deepak Nandal 4. Deepak Kumar 5. Bajwa Manpreet Singh	Automated Diabetic Retinopathy Diagnostic Tool	202111029124	23.07.2021	(Not through GJUS&T, Hisar)	---	Published & Awaiting request for examination	2021



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30.	1. Vijay pal Singh 2. Sandeep Kumar Arya 3. Ajay Shankar	A Method for Determining Suitability of Solar Panels For a Target Location	202111032963	20/08/2021	(Not through GJUS&T, Hisar)	---	Reply Filed. Application in amended examination	2021
31.	1. Sh. Vijay Pal Singh 2. Dr. Charanjeet Madan 3. Dr. Naresh kumar 4. Dr. Manoj Sharma 5. Rajakumar B. R. 6. Binu Dennis	Smart Bangle For Detecting the Reason of Infant's Weeping	202111019087	21/05/2021	(Not through GJUS&T, Hisar)	---	Reply Filed. Application in amended examination	2021
32.	1. Nandal Vikas 2. Nandal Deepak 3. Ahlawat Anu 4. Kumar Deepak 5. Bajwa Manpreet Singh 6. Dr Monica 7. Ms Sunita Kumari	A System Of Three Layered Secured Authentication And Key Agreement Protocol For Let Network	202111043068	15.10.2021	(Not through GJUS&T, Hisar)	----	Published & Awaiting request for examination	2021
33.	1. Rekha Rao	Method Of Synthesis Of Essential Oil Based Topical Mosquito Repellent Composition	201811001973	19.07.2019	(Not through GJUS&T, Hisar)	Patent No. 396627	Granted 11.05.2022	2022
34.	1. Dr. Shiv Darshan Malik 2. Dr. Ravinder Kumar Sahdev 3. Dr. Deepak Chhabra 4. Dr. Sumit Tiwari 5. Dr. Mahesh Kumar 6. Mr. Ravin	Gaurete: A Composite of Cow Dung, Clay And Hydrated Lime	202111049256	19/11/2021	(Not through GJUS&T, Hisar)	Patent No. 405766	Granted 05.09.2022	2022



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	7 . Ms. Pinki 8 . Mr. Dinesh 9 . Dr. Ramesh Kumar Garg 10 . Mrs. Vani Goyal							
35.	1. Prof. Neeraj Dilbaghi 2. Mr. Prashant Bhardwaj	Oncology skin care nanodermatic dosage form design: semi-phyto topical nano lipid solution”	202211034201	---	GJUS&T, Hisar Filed on 15.06.2022	--	--	--
36.	1. Prof. Neeraj Dilbaghi 2. Mr. Prashant Bhardwaj	In-Vitro/In-Chemico Skin Sensitivity Determination Assay Method	202211034202	---	GJUS&T, Hisar Filed on 15.06.2022	--	---	---
37.	1. Anuj Gupta 2. Kapil Gupta 3. Sumit Saroha	Neural Network Based Solar Irradiance Forecasting Using Hybrid Wavelet Transform And Pso Technique	202211003320	16.06.2023	(Not through GJUS&T, Hisar)	--	2023	Published & Awaiting request for examination
38.	1. Anuj Gupta 2. Kapil Gupta 3. Sumit Saroha	Solar Irradiation Prediction Framework Based on EEMD-GA-LSTM Method	202211003323	23.06.2023	(Not through GJUS&T, Hisar)	---	2023	Published & Awaiting request for examination
39.	1. Prof. Vinod Chhokar 2. Mrs. Monika Rani	Process For Extraction Of Shatavarins From The Endophytic Fungi Isolated From The Roots Of Asparagus Racemosus	202311040719	---	GJUS&T, Hisar Filed on 15.06.2023	---	---	----
40.	1. Dr. Surender Duhan 2. Ms. Bhavna 3. Mr. Aryan Boora 4. Ms. Supriya Sehrawat 5. Ms. Priya 6. Ms. Anisha 7. Er. Sardul Singh Dhayal	SYSTEM TO CONTROL HUMIDITY IN INDOOR ENVIRONMENT	Design Patent Application No. 385972-001	21.07.2023	(Not through GJUS&T, Hisar)	Journal Number 29/2023	Granted on 2023	2023



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41.	1 . Ranjit Kumar 2 . Dr. Sushil Kumar Bansal 3 . Madhu Bala 4 . Dr. Sunil Kumar 5 . Ritika Sharma 6 . Kaushik Adhikary	DESIGNING A DWT WITH SPIHT BASED WATERMARKING FOR SAFEKEEPING AND OWNERSHIP OF MULTIMEDIA FOR FUTURE INTENSIFICATION OF SOURCE	202211058417	21/10/2022	(Not through GJUS&T, Hisar)	--	Filed on 12/10/2022	Published & Awaiting request for examination
42.	1 . Ranjit Kumar 2 . Dr. Rahul Gupta 3 . Dr. Sunil Kumar 4 . Ritika Sharma	OPTIMIZATION IN SMART GRID USING ADVANCED CONTROL SYSTEM MODEL	202211057094	30/12/2022	(Not through GJUS&T, Hisar)	--	Filed on 05/10/2022	Published & Awaiting request for examination
43.	1 . Ranjit Kumar 2 . Gagan Prakash Negi 3 . Dr. Sunil Kumar 4 . Kaushik Adhikary 5 . Dr. Neha Gupta 6 . Dr. Vinod Kumar	EXTENDED SOFTWARE DEFINED NETWORKING (ESDN) CONCINNITY OF HETEROGENEOUS NETWORK	202211065605	25/11/2022	(Not through GJUS&T, Hisar)	---	Filed on 16/11/2022	Published & Awaiting request for examination
44.	1 . Ranjit Kumar 2 . Dr. Rahul Gupta 3 . Dr. Sunil Kumar 4 . Dr. Vinod Kumar 5 . Neha Gupta 6 . Reetika Sharma	A CARICATURED NARROWBAND CRYPTOGRAPHY FOR SMART GRID IOT SECURITY WITH FINITE FIELDS AND DISCRETE ALGORITHM	202211054849	07/10/2022	(Not through GJUS&T, Hisar)	--	Filed on 25/09/2022	Published & Awaiting request for examination