**3.3.3 Number of Patents published/awarded during the last five years (10)**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Year** | **2017-18** | **2018-19** | **2019-20** | **2020-21** | **2021-22** |
| **Number** | **01** | **01** | **05** | **56** | **132** |

**Supporting documents**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Name of the Teacher** | **Patent Number** | | **Title of the patent** | | **Link for Supporting Document** |
| **2017-18** | | | | | |
| Dr Vivekananda Mandal | 290354 | | A microwave assisted process for extraction of total phenolic antioxidant from plant material | | <https://www.ggu.ac.in/Admin/Files/DepartmentDocument/06222022050442_patent_290354_kol_highlighted.pdf> |
| **2018-19** | | | | | |
| Thareja Suresh, Akhlesh Kumar Jain | Pct/In2018/050450 | | Novel 5-[4-(2-Biphenyl-4-Yl-2-Oxo-Ethoxy Benzylidene]-Thiazolidine-2,4-Diones, their Synthesis and Uses thereof | | <https://www.ggu.ac.in/Admin/Files/DepartmentDocument/06222022054530_WO%20Patent%20-AKJ.pdf> |
| **2019-20** | | | | | |
| Kundan Meshram | Application number - 201811032110 | | Cellular Reinforcement Supported on Expansive Soil | | <https://ggu.ac.in/Admin/Files/DepartmentDocument/06292022033339_NAAC%203.4.3_2019-20_1%20Patent%20publication.pdf> |
| Dr. Rohit Raja | Application number - 202041024026 | | SYSTEM AND METHOD FOR PROVIDING CYBER SECURITY IN BIG DATA | |  |
| Dr. Rohit Raja | Application No.: 202031044344 | | A novel smart carbonless cooking gasifier: | | <https://www.ggu.ac.in/Admin/Files/DepartmentDocument/09122022122817_patents%2020-21.pdf> |
| Mr. Bhushan Singh Gautam | US Patent 2020/0182143A1 | | Turbocharger compressor with adjustable - trim mechanism and noise - attenuator | | <https://www.ggu.ac.in/Admin/Files/DepartmentDocument/09102022094016_US10533452_TURBOCHARGER%20COMPRESSOR%20WITH%20ADJUSTABLE%20-%20TRIM%20MECHANISM%20AND%20NOISE%20-%20ATTENUATOR.pdf> |
| Mr. Bhushan Singh Gautam | US Patent 2020/0191103A1 | | Turbocharger system including acoustic damper for attenuating aerodynamically generated noise from compressor | | <https://www.ggu.ac.in/Admin/Files/DepartmentDocument/09102022094116_US10533452_TURBOCHARGER%20SYSTEM%20INCLUDING%20ACOUSTIC%20DAMPER%20FOR%20ATTENUATING.pdf> |
| **2020-21** | | | | | |
| Dr. Sandeep Dharmadhikari | 103422 | | Design of Blender Blade | | <https://www.ggu.ac.in/Admin/Files/DepartmentDocument/06222022045924_Criterian-3.4.3.-Patent.pdf> |
| Kundan Meshram | 2021102807 | | A Device and Method To Improve The Efficiency Of Construction Sites Using IoT Enabled Digital Twins | | <https://ggu.ac.in/Admin/Files/DepartmentDocument/06292022033427_NAAC%203.4.3_2020-21_%201%20Patent%20cerificate.pdf> |
| Dr. Mukesh Agarwal, Dr. Anamika Tiwari | 202111035179 | | Account and Financial Management Technology | |  |
| Dr. Alok Singh Kushwaha | 2021100780 | | Smart Bathroom system and method | | <https://www.ggu.ac.in/Admin/Files/DepartmentDocument/06282022082909_5.pdf> |
| Dr. Alok Singh Kushwaha | 2021101385 | | Delicate Vibratory Instrument For Neonates Oral Motor Simulation | | <https://www.ggu.ac.in/Admin/Files/DepartmentDocument/06282022083040_6.pdf> |
| Dr. Manish Shrivastava | 202021053284 | | virtual scribe | | <https://www.ggu.ac.in/Admin/Files/DepartmentDocument/06282022083241_patent2.pdf> |
| Dr. Manish Shrivastava | 202021053283 | | Land scanner system embedded in drone for land surveying | | <https://www.ggu.ac.in/Admin/Files/DepartmentDocument/06282022083332_patent_1.pdf> |
| Dr. Alok Singh Kushwaha | 2020104385 | | A system and a method for automated irrigation using internet of things | | <https://www.ggu.ac.in/Admin/Files/DepartmentDocument/06282022083433_3.pdf> |
| Dr. Alok Singh Kushwaha | 202021025200 | | Theft vehicle detection using digital signature-based ECU and image | | <https://www.ggu.ac.in/Admin/Files/DepartmentDocument/06282022083547_Indian.pdf> |
| Dr. Alok Singh Kushwaha | 202021045472 | | An unmanned aerial vehicle for surveilla | | <https://www.ggu.ac.in/Admin/Files/DepartmentDocument/06282022083709_Part-1.pdf> |
| Dr. Alok Singh Kushwaha | 2020102636 | | SBDA Secured Bra for women safety | | <https://www.ggu.ac.in/Admin/Files/DepartmentDocument/06282022083801_1.pdf> |
| Dr. Alok Singh Kushwaha | 2021100059 | | Self-cleaning and Germ killing revolving public toilet for covid 19 | | <https://www.ggu.ac.in/Admin/Files/DepartmentDocument/06282022083916_4.pdf> |
| Dr. Alok Singh Kushwaha | 2021102958 | | A system and method for preventing corona virus transmission | | <https://www.ggu.ac.in/Admin/Files/DepartmentDocument/06282022084042_7.pdf> |
| Dr. Alok Singh Kushwaha | 2020104116 | | Holonomic drive conveyor system and its method using IOT | | <https://www.ggu.ac.in/Admin/Files/DepartmentDocument/06282022084128_2.pdf> |
| Akhilesh Kumar Shrivas& Prof S. C. Shrivastava | 2021100439 | | HOME AUTOMATION BASED ON USER DETECTION USING INTERNET OF THINGS | | <https://ggu.ac.in/Admin/Files/DepartmentDocument/07042022024859_Patent_Akhilesh_shrivas_3.4.3%20%2004.07.22.pdf> |
| Amit Kumar Chandanan& Vikas Kumar Pandey | 2021101077 | | SMART SHUTTER ASSEMBLY SYSTEM | | <https://ggu.ac.in/Admin/Files/DepartmentDocument/07042022025005_Patent_Amit_Kumar_Chandanan_3.4.3%20%2004.07.22.pdf> |
| Deepak Rathore | 2021101073 | | Adaptive clustering Based Energy Efficient System for Intelligent Routing in Wireless Sensor Networks | | <https://ggu.ac.in/Admin/Files/DepartmentDocument/06222022040024_Patent_Deepak_1.pdf> |
| Dr Rohit Raja, Dr S. C. Shrivastava | 202121026466 (Application Number) | | SYSTEM AND METHOD FOR OBJECT DETECTION AND OBJECT TRACKING FOR TRAFFIC SURVEILLANCE | |  |
| Dr Rohit Raja, Prof.S. C. Shrivastava | 2021100285 | | Novel 3D printed sonic prosthetic leg | | <https://www.ggu.ac.in/Admin/Files/DepartmentDocument/09122022122817_patents%2020-21.pdf> |
| Dr Santosh soni | 2021100341 | | Health Related Crisis Ready Plan through Wireless Sensor Network and the Cloud Computing at Populated Spots | | <https://www.ggu.ac.in/Admin/Files/DepartmentDocument/09122022122817_patents%2020-21.pdf> |
| Dr Rohit Raja | 350637 | | An Apparatus and method for remotely monitoring an aquatic animal and classification thereof | | <https://www.ggu.ac.in/Admin/Files/DepartmentDocument/09122022122817_patents%2020-21.pdf> |
| Dr Rohit Raja | 202141002082 (Application Number) | | Deep Learning Based Robotic Judge for Rash Driving Crime | | <https://www.ggu.ac.in/Admin/Files/DepartmentDocument/09122022122817_patents%2020-21.pdf> |
| Dr Rohit Raja | 385681 | | Face Emotions Recognition Based On Deep Learning for Smart and Secured Child Care Taker | | <https://www.ggu.ac.in/Admin/Files/DepartmentDocument/09122022122817_patents%2020-21.pdf> |
| Dr Rohit Raja | 2020103853 | | Dynamic Digital Twin System and A Method of Operating Thereof | | <https://www.ggu.ac.in/Admin/Files/DepartmentDocument/09122022122817_patents%2020-21.pdf> |
| Dr Rohit Raja, Amit Kumar Dewangan | 2021102314 | | An Internet of Things Based Smart Parking System and Its Method Thereof | | <https://www.ggu.ac.in/Admin/Files/DepartmentDocument/09122022122817_patents%2020-21.pdf> |
| Dr Rohit Raja | 2021106885 | | An Emotion Detection System and Method Using Pattern Recognition | | <https://www.ggu.ac.in/Admin/Files/DepartmentDocument/09122022122817_patents%2020-21.pdf> |
| Dr Rohit Raja | 20 2021 103 650.(German Patent) | | Traffic surveillance system | | <https://www.ggu.ac.in/Admin/Files/DepartmentDocument/09122022122817_patents%2020-21.pdf> |
| Prof S. C. Shrivastava | 2021102315 | | Method and apparatus for air filteration for exhaust silencer of vehicle. | | <https://ggu.ac.in/Admin/Files/DepartmentDocument/06252022023735_Innovation_Patent_Certificate_23-06-2021.pdf> |
| Prof T.V. Arjunan, Mr.PradeepPatanwar, Mr.Manish Bhaskar, Dr.Pankaj Kumar Gupta, Mr.PrashantJangde | 2021100087 | | Longitudinal fins evacuated tube solar air heater | | <https://www.ggu.ac.in/Admin/Files/DepartmentDocument/09102022092134_2021100087%20Innovation_Patent_LONGITUDINAL%20FINS%20EVACUATED%20TUBE%20SOLAR%20AIR%20HEATER.pdf> |
| Prof T.V. Arjunan | 202121001111 | | Evacuated Solar Tube Embedded with Pierced Twisted Tape System for Heating Air | | <https://www.ggu.ac.in/Admin/Files/DepartmentDocument/09102022093334_202121001111%20Intellectual%20Property%20India%20DEVICE%20FOR%20HEATING%20AIR%20USING%20SOLAR%20EVACUATED%20TUBE.pdf> |
| Prof T.V. Arjunan | 202041049838 | | Device For Heating Air Using Solar Evacuated Tube | | <https://www.ggu.ac.in/Admin/Files/DepartmentDocument/09102022092944_202041049838%20Intellectual%20Property%20India%20DEVICE%20FOR%20HEATING%20AIR%20USING%20SOLAR%20EVACUATED%20TUBE.pdf> |
| Prof T.V. Arjunan | 2020104031 | | Twisted micro-fins evacuated tube solar air heater | | <https://www.ggu.ac.in/Admin/Files/DepartmentDocument/09102022092025_2020104031%20Innovation_Patent_TWISTED%20MICRO-FINS%20EVACUATED%20TUBE%20SOLAR%20AIR%20HEATER.pdf> |
| Prof T.V. Arjunan | 202021054885 | | Evacuated tube solar air heater with jet impingement system | | <https://www.ggu.ac.in/Admin/Files/DepartmentDocument/09102022092528_202021054885%20Intellectual%20Property%20IndiaEVACUATED%20TUBE%20SOLAR%20AIR%20HEATER%20WITH%20JET%20IMPINGEMENTSYSTEM.pdf> |
| Dr Dilipkumar Pal and Vinof K Gurjar | 388144 | | Novel Naphthyridine Compounds and Process for Preparation | | <https://www.ggu.ac.in/Admin/Files/DepartmentDocument/06222022050356_Patent-DP.pdf> |
| Dheeraj Ahirwar, Sandeep Gupta,  DeenanathJhade, Bharti Ahirwar, Ritesh Jain and Mohit | 2021103481 | | Contraceptive composition | | <https://www.ggu.ac.in/Admin/Files/DepartmentDocument/06222022045035_BA-2021103481-Innovation%20Patent%20%20Certificate%20(1).pdf> |
| Dheeraj Ahirwar, Raju NivruttiPatil,  DeenanathJhade, Bharti Ahirwar, Anish Chandy and Mohit | 2021103573 | | Formulation derived from phytoconstituents for treatment of diabetes | | <https://www.ggu.ac.in/Admin/Files/DepartmentDocument/06222022045257_BA-2021103573-Innovation%20Patent%20%20Certificate%20(1).pdf> |
| V Mandal, KBS Chauhan, R Mehta, R Tandey, K Sen | 373262 | | A solvent free microwave assisted extraction of volatile oil from Mentha spicata leaves | | <https://www.ggu.ac.in/Admin/Files/DepartmentDocument/06222022051548_patent_kavi.pdf> |
| Dheeraj Ahirwar, DeenanathJhade , Bharti Ahirwar | 335400 | | Method for preparation of a Herbal Contraceptive Composition | | <https://www.ggu.ac.in/Admin/Files/DepartmentDocument/06222022045853_Patent%20Indian%20-certificate%20of%20grant-BA.pdf> |
| R Mehta, V Mandal, HK Kala, KK Sen, R Tandey | 365071 | | A microwave assisted process for extraction of total phenolic contents from T. Officinale | | <https://www.ggu.ac.in/Admin/Files/DepartmentDocument/06222022050602_patent_365071_harneet.pdf> |
| Utpal Jana, Mohanta Guru Prasad, Dheeraj Ahirwar, , Bharti Ahirwar, DibyajyotiSaha and Babita Sarangi | 2021106458 | | Nebivolol loaded poly(D,L-lactic-co-glycolic acid) of (PLGA) nanoparticles for high blood pressure | | <https://www.ggu.ac.in/Admin/Files/DepartmentDocument/06222022044758_Patent-BA-PLGA.pdf> |
| Dr R. P. Patel | 2021102801 | | Velocity estimation from cycle pedaling by using extended kalmanfilter algorithm | | <https://ggu.ac.in/Admin/Files/DepartmentDocument/06282022051903_Innovation_Patent_Certificate%20(1).pdf> |
| Sushma Jasiwal | 2021102961 | | AN IoT BASED SYSTEM FOR TRACING AND RECOGNIZING AN OBJECT | | <https://www.ggu.ac.in/Admin/Files/DepartmentDocument/09122022104620_3.4.3_australian_patent_SJ_2020-21_organized.pdf> |
| Sushma Jasiwal | 2021102581 | | A NOVEL VLSI BASED ARCHITECTURE FOR STROKE DETECTION USING OPTIMIZED RESOURCE ALLOCATION | | <https://www.ggu.ac.in/Admin/Files/DepartmentDocument/09122022104620_3.4.3_australian_patent_SJ_2020-21_organized.pdf> |
| Sushma Jasiwal | 2021102309 | | AN EFFICIENT IRIS RECOGNITION SYSTEM WITH COMPLETE LOCAL TERNARY PATTERN FEATURE EXTRACTION AND CLASSIFICATION METHOD | | <https://www.ggu.ac.in/Admin/Files/DepartmentDocument/09122022104620_3.4.3_australian_patent_SJ_2020-21_organized.pdf> |
| Sushma Jasiwal | 2021101904 | | ARTIFICIAL NEURAL NETWORK BASED EARLY DIAGNOSIS OF DIABETES MELLITUS | | <https://www.ggu.ac.in/Admin/Files/DepartmentDocument/09122022104620_3.4.3_australian_patent_SJ_2020-21_organized.pdf> |
| Sushma Jasiwal | 2021101744 | | THE WASTE SEGREGATION METHOD USING MACHINE LEARNING TECHNIQUE | | <https://www.ggu.ac.in/Admin/Files/DepartmentDocument/09122022104620_3.4.3_australian_patent_SJ_2020-21_organized.pdf> |
| Sushma Jasiwal | 2021101660 | | A REAL-TIME SMART HOME AUTOMATION SYSTEM BASED ON LABVIEW PLATFORM | | <https://www.ggu.ac.in/Admin/Files/DepartmentDocument/09122022104620_3.4.3_australian_patent_SJ_2020-21_organized.pdf> |
| Sushma Jasiwal | 2021101174 | | SOLAR PV POWER INTEGRATED SMART GRID BASED ENERGY MANAGEMENT SYSTEM | | <https://www.ggu.ac.in/Admin/Files/DepartmentDocument/09122022104620_3.4.3_australian_patent_SJ_2020-21_organized.pdf> |
| Sushma Jasiwal | 2021101172 | | DESIGN AND IMPLEMENTATION OF CONVOLUTION NEURAL NETWORK ON EDGE COMPUTING SMART PHONE FOR HUMAN ACTIVITY RECOGNITION | | <https://www.ggu.ac.in/Admin/Files/DepartmentDocument/09122022104620_3.4.3_australian_patent_SJ_2020-21_organized.pdf> |
| Sushma Jasiwal | 2021100809 | | IOT BASED OPTIMAL MANAGEMENT OF SMART FARMS USING WIND POWER SYSTEM | | <https://www.ggu.ac.in/Admin/Files/DepartmentDocument/09122022104620_3.4.3_australian_patent_SJ_2020-21_organized.pdf> |
| Sushma Jasiwal | 202111020987 | | A NOVEL SYSTEM FOR INTERFACING THE ARTIFICIAL INTELLIGENCE WITH DISTRIBUTED SMART GRIDS | |  |
| Sushma Jasiwal | 202141020723 | | A SYSTEM FOR RESOURCE AGGREGATION TO THE CLOUD WITH OPTIMAL PATH DETECTION | |  |
| Sushma Jasiwal | 202141019150 | | A SYSTEM BASED ON NEURAL NETWORK TO REFINE THE HEURISTIC DATA WITH IMAGE PROCESSING TECHNIQUES | |  |
| Sushma Jasiwal | 202121018506 | | DESIGN AND IMPLEMENTATION OF SMART AIR QUALITY DETECTION SYSTEM BASED ON IOT | |  |
| Sushma Jasiwal | 202141018109 | | A NOVEL METHOD OF OBJECT DETECTION USING FEEDFORWARD DEEP CONVOLUTIONAL ARTIFICIAL NEURAL NETWORK IN WSN | |  |
| Sushma Jasiwal | 202141017859 | | A NOVEL REAL TIME SENTIMENT DATA CLASSIFICATION SYSTEM WITH ENHANCED LONG SHORT TERM MEMORY | |  |
| **2021-2022** | | | | | |
| Dr. Saurabh Meshram | | 362825-001 | | Lead Toxicity Detector and Water Cleaning Machine | <https://www.ggu.ac.in/Admin/Files/DepartmentDocument/08172022061139_3.4.3%20Patent%20published%202021-22.pdf> |
| Kundan Meshram | | US 11,288,954 | | Tracking and Alerting Traffic Management System Using IoT For Smart City | <https://ggu.ac.in/Admin/Files/DepartmentDocument/06292022033449_NAAC%203.4.3_2020-21_2%20Patent%20Publication.pdf> |
| SonalBanchhor | | 362692-001 (Application Number) | | Device to monitor theft by identifying salient object | <https://ggu.ac.in/Admin/Files/DepartmentDocument/08302022053145_NAAC%203.4.3%202021-22%20SB%20Patent-3.pdf> |
| SonalBanchhor | | 202221035458 (Application Number) | | High Performance geoploymer concrete and preparation method thereof | <https://ggu.ac.in/Admin/Files/DepartmentDocument/08302022053046_NAAC%203.4.3%202021-22%20SB%20patent-%201.pdf> |
| SonalBanchhor | | 202241024364 (Application Number) | | Method for the determination of flexural behaviour of reinforeced concrete beam | <https://ggu.ac.in/Admin/Files/DepartmentDocument/08302022053118_NAAC%203.4.3%202021-22%20SB%20Patent-2.pdf> |
| SonalBanchhor | | 202221017539 (Application Number) | | A method to prepare an improved Calcium based alkali activated concrete | <https://ggu.ac.in/Admin/Files/DepartmentDocument/08302022052935_NAAC%203.4.3%202021-22%20SB%20Patent-4.pdf> |
| Dr. Alok Singh Kushwaha | | 202211018041 | | Development of AI-ENABLE Smart Drip water Irrigation System Using IOT Communication | <https://ggu.ac.in/Admin/Files/DepartmentDocument/08182022063734_alok%201.pdf> |
| Dr. Alok Singh Kushwaha | | 202211018032 | | Development of Scene Perception System for Visually Impaired People Using IOT Based system | <https://ggu.ac.in/Admin/Files/DepartmentDocument/08182022063805_Alok%202.pdf> |
| Mr Vaibhav kant Singh | | 202221000273 | | Method for migration of Sessions Among Cipher Machines using Lagrange Interpolation | <https://ggu.ac.in/Admin/Files/DepartmentDocument/08182022062810_Vaibhav%20Kant%20Singh.pdf> |
| Mr. Satish Negi, Mr. AmitBaghel | | 2021104281 | | A smart wearable device for early detection and identification of COVID-19 cases | <https://ggu.ac.in/Admin/Files/DepartmentDocument/08182022062712_Amit%20Baghel.pdf> |
| Deepak Rathore | | 2021103085 | | A Method for Reliable and Energy Efficient Data Transfer Routing Protocol in Wireless Body Area Networks | <https://ggu.ac.in/Admin/Files/DepartmentDocument/06222022040127_Patent_Deepak_2.pdf> |
| Prof. Manisha Dubey | | 202241009908 | | TOURISM AS A DEVELOPMENT STRATEGY IN MICRO REGIONS OF INDIA | <https://www.ggu.ac.in/Admin/Files/DepartmentDocument/08302022113856_Patent_Prof.%20Manisha%20Dubay.pdf> |
| Dr Rohit Raja, Dr S. C. Shrivastava, | | 389902 | | System And Method For Object Detection And Object Tracking For Traffic Surveillance | <http://ggu.ac.in/Admin/Files/DepartmentDocument/08302022104823_patents%20certificate%2021-22.pdf> |
| Dr Rohit Raja | | 394722 | | Method and System for Wirelessly Charging of an appliance | <http://ggu.ac.in/Admin/Files/DepartmentDocument/08302022104823_patents%20certificate%2021-22.pdf> |
| Dr Rohit Raja | | 385899 | | Method and System for rendering a panoramic view of traffic to a driver of a vehicle | <http://ggu.ac.in/Admin/Files/DepartmentDocument/08302022104823_patents%20certificate%2021-22.pdf> |
| Dr Rohit Raja, Dr Alok Kumar Singh Kushwaha, Agnivesh Pandey | | 401497 | | An Unmanned Aerial Vehicle for Surveillance | <http://ggu.ac.in/Admin/Files/DepartmentDocument/08302022104823_patents%20certificate%2021-22.pdf> |
| Dr Rohit Raja, Dr S. C. Shrivastava | | 20 2021 103 650 | | Traffic surveillance system | <http://ggu.ac.in/Admin/Files/DepartmentDocument/08302022104823_patents%20certificate%2021-22.pdf> |
| Prof P K Bajpai | | 202221022529 | | Effect of B-Site Disorder on the Ferro Electric Properties of BZT Ceramics | <https://www.ggu.ac.in/Admin/Files/DepartmentDocument/08242022083545_Patent%20_Prof.PK%20bajpai.pdf> |
| S. Ravi, N. Kumari, S. Lanjhiyana, SK Lanjhiyana, Chhatrapal, VS Gawade, V Bhoopathy, N Shrivastava, H Anandaram, D Verma, S Kumar, V Kumar | | 202241035945A | | Biomedical Interventions for analyzing the proteins and genetic factors that are responsible for causing cancer | <https://ggu.ac.in/Admin/Files/DepartmentDocument/08232022112648_Patent_Dr%20Lanjhiyana.pdf> |
| S Thakur, S. Lanjhiyana, SK Lanjhiyana, MW Khan, A Dinakar, K Khan, J Choubey, CS Ahirwar, VS Kachawa, A Pandey, SS Narwariya, M Billah A | | 202211045051 | | Development and characterize the role of small molecule accumulation in drug exposure of antiseizure medications | <https://ggu.ac.in/Admin/Files/DepartmentDocument/08242022054624_Dr%20SKL%20Patent.pdf> |
| IH Madar, PT Vasan, S. Lanjhiyana, SK Lanjhiyana, K Himabindu, AC Ojha, Sumathi S, Kandasamy V | | 202241042626 | | Artificial intelligence based drug discovery technique to analyze the impact of existing drugs for brain tumors and paving way for new efficacious drugs | <https://ggu.ac.in/Admin/Files/DepartmentDocument/08242022054624_Dr%20SKL%20Patent.pdf> |
| S Sharma, SA Baig, A Sharma, Y Lokhande, S. Lanjhiyana, SK Lanjhiyana, MW Khan, A Pandey, BS Gautam, R Sharma, M Bhattacharya, S Sagar | | 202221044413 | | Molecular identification and antifungal activity of antimycotics by farnesol and reduction of Candida albicans pathogenicity in fission yeast | <https://ggu.ac.in/Admin/Files/DepartmentDocument/08242022054624_Dr%20SKL%20Patent.pdf> |
| JS Mohammed, M Jafar, S Siddique, P Baghel, VK Yadav, S. Lanjhiyana, SK Lanjhiyana, VA Kashid, MR Pravinkumar, RS Solunke, VK Kashid, RS Kharat | | 202241040993 | | The development and testing of a floating tablets containing diclofenac sodium | <https://ggu.ac.in/Admin/Files/DepartmentDocument/08242022054624_Dr%20SKL%20Patent.pdf> |
| Preeti Patel, Harish Rajak | | German Patent No: DE202022100777 | | A System for Synthesizing Novel Analogues of Nitrofurantoin Based Hydroxamic Acids as Anticancer Agents | <https://ggu.ac.in/Admin/Files/DepartmentDocument/08122022035848_German%20Patent_G11338DE%20certificate.pdf> |
| S. Mohanasundaram, Madepalli David Raju,  V Sampath, Kumud Pant, S Mohamed Rabeek,  A Samsath Begum, Harish Rajak | | Application No: 202241006304 | | Design and Biological study on new Anti-inflammatory hybrid derivatives | <https://ggu.ac.in/Admin/Files/DepartmentDocument/08292022050929_06.02.2022.pdf> |
| Dhruva Sreenivasa, Chakravarthi,  Arun B Prasad, D Glory Ratna Mary,  BiswajeetChampaty, Yerram Sneha,  Shanu Verma, Harish Rajak | | Application No: 202241006224 A | | A framework to measure the public health interventions | <https://ggu.ac.in/Admin/Files/DepartmentDocument/08292022050749_05.02.2021.pdf> |
| Ashok Kumar Koshariya, Bably Dolly, Avadhesh Kumar Dixit, Harish Rajak, Dattatray G Takale, Ramakant Bhardwaj, Ravi Shankar | | Application No: 202141046612 | | A Device to Recognize Fungal Diseases Using Image Processing and Ann Approach in Plants. | <https://ggu.ac.in/Admin/Files/DepartmentDocument/08292022051159_12.10.2022.pdf> |
| R.Venkateswara Reddy, M Sivabalan, Manmohan Singhal, Harish Rajak, Dipak Ramoliya, Shanker Chandre | | Application No: 202141059326 | | A Machine Learning Model to Predict the Severity of Cancer and to Decrease Surgical Treatment | <https://ggu.ac.in/Admin/Files/DepartmentDocument/08292022051308_20.12.2021.pdf> |
| Dr. Anoop Kumar Sahu | | 202241021032A | | Block chain Based Cloud Storage System | <https://www.ggu.ac.in/Admin/Files/DepartmentDocument/08302022104833_Dr.%20Anoop%20Kumar%20Sahu%20Title%20of%20the%20invention%20%20Block%20chain%20Based%20Cloud%20Storage%20System%2024.04.2022.pdf> |
| Dr. Anoop Kumar Sahu | | 202241023089A | | Automotive ERP system over block chain technology | <https://www.ggu.ac.in/Admin/Files/DepartmentDocument/08302022104631_Dr.%20Anoop%20Kumar%20Sahu%20Title%20of%20the%20invention%20%20Automotive%20ERP%20System%20over%20Blockchain%20Technology%2006.05.2022.pdf> |
| Dr. Anoop Kumar Sahu | | 202141057716 A | | IMPACT ON JOB SATISFACTION IN COMPANY/INDUSTRY | <https://www.ggu.ac.in/Admin/Files/DepartmentDocument/08302022104925_Dr.%20Anoop%20Kumar%20Sahu%20Title%20of%20the%20invention%20%20IMPACT%20ON%20JOB%20SATISFACTION%20IN%20COMPANYINDUSTRY%2028.01.2022.pdf> |
| Thareja Suresh, Akhlesh Kumar Jain | | 382675 | | Novel 5-[4-(2-Biphenyl-4-Yl-2-Oxo-Ethoxy Benzylidene]-Thiazolidine-2,4-Diones, their Synthesis and Uses thereof | <https://ggu.ac.in/Admin/Files/DepartmentDocument/06222022050223_Granted%20Certificate%20-%20382675%20-%20AKJ.pdf> |
| Sushma Jaiswal | | 2021105525 | | MOBILE USER TRAJECTORY PREDICTION SYSTEM WITH EXTREME MACHINE LEARNING ALGORITHM | <https://www.ggu.ac.in/Admin/Files/DepartmentDocument/09022022113653_Australian_innovation_patent_SJ_organized.pdf> |
| Sushma Jaiswal | | 2021104045 | | FAILURE NODES DETECTION AND RECOVERY SYSTEM IN CLOUD COMPUTING TO IMPROVE Resources Reliability | <https://www.ggu.ac.in/Admin/Files/DepartmentDocument/09022022113653_Australian_innovation_patent_SJ_organized.pdf> |
| Sushma Jaiswal | | 2021103446 | | ENERGY EFFICIENT WIRELESS SENSOR NETWORK WITH OPTIMIZED CLUSTERING AND COMPRESSIVE SAMPLING | <https://www.ggu.ac.in/Admin/Files/DepartmentDocument/09022022113653_Australian_innovation_patent_SJ_organized.pdf> |
| Sushma Jaiswal | | 2021103249 | | A NOVEL MULTI-LEVEL OPTIMIZATION FOR TASK SCHEDULING AND LOAD BALANCING IN CLOUD | <https://www.ggu.ac.in/Admin/Files/DepartmentDocument/09022022113653_Australian_innovation_patent_SJ_organized.pdf> |
| Sushma Jaiswal | | 2021103132 | | AN AUTOMATIC TUMOR DETECTION SYSTEM BASED ON LOCAL LINEAR WAVELET ARTIFICIAL NEURAL NETWORK WITH HYBRID OPTIMIZATION | <https://www.ggu.ac.in/Admin/Files/DepartmentDocument/09022022113653_Australian_innovation_patent_SJ_organized.pdf> |
| Sushma Jaiswal | | 2021102935 | | AN AUTOMATIC OPTIMIZED FEATURES SELECTION SYSTEM IN RETINOPATHY DETECTION USING ACTIVE EXTREME LEARNING MACHINE | <https://www.ggu.ac.in/Admin/Files/DepartmentDocument/09022022113653_Australian_innovation_patent_SJ_organized.pdf> |
| Sushma Jaiswal | | 202141056911 (application number) | | SENSOR BASED INTELLIGENT WEARABLE DEVICE TO MONITOR BLOOD GLUCOSE LEVELS OF A DIABETES PATIENT AND GENERATE INSULTIN USING ARTIFICIAL PANCREAS | <https://www.ggu.ac.in/Admin/Files/DepartmentDocument/09092022010514_42-53.pdf> |
| Sushma Jaiswal | | 202141056431 (application number) | | A SYSTEM BASED ON THERMAL IMAGE PROCESSING FOR SUBCUTANEOUS DETECTION OF VEINS, BONES AND METHOD THEREOF | <https://www.ggu.ac.in/Admin/Files/DepartmentDocument/09092022010514_42-53.pdf> |
| Sushma Jaiswal | | 202141056091 (application number) | | SENSOR BASED INTELLIGENT ROBOTIC COOKING KITCHEN USING HAPTIC TECHNOLOGY | <https://www.ggu.ac.in/Admin/Files/DepartmentDocument/09092022010514_42-53.pdf> |
| Sushma Jaiswal | | 202141055545 (application number) | | A SYSTEM FOR FINGERPRINT IMAGE PROCESSING FOR AN ELECTRONIC DEVICE AND METHOD THEREOF | <https://www.ggu.ac.in/Admin/Files/DepartmentDocument/09092022010514_42-53.pdf> |
| Sushma Jaiswal | | 202121055035 | | A SYSTEM FOR CARDIAC OUTPUT ESTIMATION & PREDICTION USING MACHINE LEARNING INTERFACES AND METHOD THEREOF | <https://www.ggu.ac.in/Admin/Files/DepartmentDocument/09092022010514_42-53.pdf> |
| Sushma Jaiswal | | 202141053855 (application number) | | IoT BASED EVENT DRIVEN AIR QUALITY SENSOR NETWORK TO DETECT FOREST FIRES USING DRONE BASED INTELLIGENT MICRO ELECTRICAL AND MECHANICAL SYSTEMS (MEMS) TECHNOLOGY | <https://www.ggu.ac.in/Admin/Files/DepartmentDocument/09092022010514_42-53.pdf> |
| Sushma Jaiswal | | 202131053753 (application number) | | A DATA PROCESSING SYSTEM AND METHOD FOR VEHICLE-END DEVICE WITH A CLOUD COMPUTING | <https://www.ggu.ac.in/Admin/Files/DepartmentDocument/09092022010514_42-53.pdf> |
| Sushma Jaiswal | | 202141053048 (application number) | | WEARABLE SWEAT SENSOR BASED INTELLIGENT DEVICE TO DETECT THE STRESS LEVELS OF A PATIENT BY MONITORING CORISTOL AND BLOOD GLUCOSE LEVELS | <https://www.ggu.ac.in/Admin/Files/DepartmentDocument/09092022010514_42-53.pdf> |
| Sushma Jaiswal | | 202131052161 (application number) | | A SYSTEM FOR DETERMINING INDOOR LOCATION USING A DIGITAL VISUAL SYSTEM BASED ON INTERNET OF THINGS (IOT) AND METHOD THEREOF | <https://www.ggu.ac.in/Admin/Files/DepartmentDocument/09092022010514_42-53.pdf> |
| Sushma Jaiswal | | 202141052156 (application number) | | BRAIN INSPIRED ARIFICIAL INTELLIGENCE IMPLANT TO DETECT HEART DISEASE USING RESERVOIR COMPUTING | <https://www.ggu.ac.in/Admin/Files/DepartmentDocument/09092022010514_42-53.pdf> |
| Sushma Jaiswal | | 202141051706 (application number) | | AN AI & ML BASED SYSTEM FOR FABRICATING POWER VLSI DIODE DEVICES AND METHOD THEREOF | <https://www.ggu.ac.in/Admin/Files/DepartmentDocument/09092022010514_42-53.pdf> |
| Sushma Jaiswal | | 202141051612 (application number) | | A SYSTEM FOR TAGGING IOT DEVICE BASED ON CONVOLUTIONAL NEURAL NETWORK (CNN) AND METHOD THEREOF | <https://www.ggu.ac.in/Admin/Files/DepartmentDocument/09092022010514_42-53.pdf> |
| Sushma Jaiswal | | 202141050901 (application number) | | A MEDICAL IMAGE PROCESSING SYSTEM, IMAGE PROCESSING METHOD, AND MEDICAL IMAGE PROCESSING DEVICE | <https://www.ggu.ac.in/Admin/Files/DepartmentDocument/09092022010601_54-65.pdf> |
| Sushma Jaiswal | | 202131050687 (application number) | | A SYSTEM BASED ON DEEP LEARNING THREE-DIMENSIONAL PIPELINE RECONSTRUCTION AND METHOD THEREOF | <https://www.ggu.ac.in/Admin/Files/DepartmentDocument/09092022010601_54-65.pdf> |
| Sushma Jaiswal | | 202141050202 (application number) | | AN IOT BASED SYSTEM FOR ALARM CLOCK HAVING TEMPERATURE MEASUREMENT FUNCTION AND METHOD THEREOF | <https://www.ggu.ac.in/Admin/Files/DepartmentDocument/09092022010601_54-65.pdf> |
| Sushma Jaiswal | | 202131049863 (application number) | | AN IMAGE PROCESSING SYSTEM FOR TOUCH DISPLAY PRODUCT, STORAGE MEDIUM & ELECTRONIC DEVICE | <https://www.ggu.ac.in/Admin/Files/DepartmentDocument/09092022010601_54-65.pdf> |
| Sushma Jaiswal | | 202141049308 (application number) | | A SYSTEM FOR ENCODING AND DECODING DATA USING CLOUD COMPUTING AND METHOD THEREOF | <https://www.ggu.ac.in/Admin/Files/DepartmentDocument/09092022010601_54-65.pdf> |
| Sushma Jaiswal | | 202141048690 (application number) | | FALLING CAT INSPIRED INTELLIGENT QUADRUPEDAL ROBOT TO ASSIST PEOPLE DURING RISKY MOUNTAIN TREKKING | <https://www.ggu.ac.in/Admin/Files/DepartmentDocument/09092022010601_54-65.pdf> |
| Sushma Jaiswal | | 202141048454 (application number) | | AN ARTIFICIAL INTELLIGENCE BASED WIRELESS COMMUNICATION SYSTEM, CONTROL DEVICE AND METHOD THEREOF | <https://www.ggu.ac.in/Admin/Files/DepartmentDocument/09092022010601_54-65.pdf> |
| Sushma Jaiswal | | 202141047024 (application number) | | MACHINE LEARNING BASED INTELLIGENT SENSOR FRAMEWORK TO ASSIST FARMERS IN WEATHER FORECASTING FOR APPROPRIATE CROP CULTIVATION | <https://www.ggu.ac.in/Admin/Files/DepartmentDocument/09092022010601_54-65.pdf> |
| Sushma Jaiswal | | 202111046812 (application number) | | A CLOUD COMPUTING TECHNOLOGY-BASED FILE MANAGEMENT AND UPLOADING METHOD & APPARATUS | <https://www.ggu.ac.in/Admin/Files/DepartmentDocument/09092022010601_54-65.pdf> |
| Sushma Jaiswal | | 202141046585 (application number) | | INTELLIGENT AGRICULTURE – SMART IOT SYSTEM TO ASSIST FARMERS IN EFFECTIVE DECISION MAKING USING DATA SCIENCE | <https://www.ggu.ac.in/Admin/Files/DepartmentDocument/09092022010601_54-65.pdf> |
| Sushma Jaiswal | | 202141046324 (application number) | | AI AND WIRELESS BASED SMART DRUG PRESCRIPTION MANAGEMENT FOR AUTONOMOUS DRUG DELIVERY SYSTEM | <https://www.ggu.ac.in/Admin/Files/DepartmentDocument/09092022010601_54-65.pdf> |
| Sushma Jaiswal | | 202141044803 (application number) | | SENSOR BASED INTELLIGENT WEARABLE HELMET FOR EARLY DETECTION OF STROKE IN PATIENTS | <https://www.ggu.ac.in/Admin/Files/DepartmentDocument/09092022010601_54-65.pdf> |
| Sushma Jaiswal | | 202141043814 (application number) | | A CONNECTOR MODULE FOR A VLSI CIRCUIT WITH A BATTERY PACK | <https://www.ggu.ac.in/Admin/Files/DepartmentDocument/09092022010637_66-77.pdf> |
| Sushma Jaiswal | | 202141043325 (application number) | | AN EFFICIENT PREDICTION AND ASSESSMENT OF VEHICLES IN REAL TIME TRAFFIC | <https://www.ggu.ac.in/Admin/Files/DepartmentDocument/09092022010637_66-77.pdf> |
| Sushma Jaiswal | | 202141043000 (application number) | | A Novel Multimodal Medical Image Fusion System with Pixel Level Fusion | <https://www.ggu.ac.in/Admin/Files/DepartmentDocument/09092022010637_66-77.pdf> |
| Sushma Jaiswal | | 202111041771 (application number) | | BLOCKCHAIN BASED INTERNET OF THINGS SYSTEM WITH DATA PROCESSING AND CLEANING METHOD TO THE SENSOR DATA | <https://www.ggu.ac.in/Admin/Files/DepartmentDocument/09092022010637_66-77.pdf> |
| Sushma Jaiswal | | 202141041757 (application number) | | SENSOR-BASED INTELLIGENT DIGITAL NOSE FOR ANALYSING THE BREATHING PATTERNS OF LUNG CANCER PATIENTS USING MACHINE LEARNING | <https://www.ggu.ac.in/Admin/Files/DepartmentDocument/09092022010637_66-77.pdf> |
| Sushma Jaiswal | | 202131041447 (application number) | | AN APPARATUS FOR AUTOMATED DATA COLLECTION, MANAGEMENT, AND REPORTING BASED ON DEEP LEARNING AND ARTIFICIAL INTELLIGENCE | <https://www.ggu.ac.in/Admin/Files/DepartmentDocument/09092022010637_66-77.pdf> |
| Sushma Jaiswal | | 202141040841 (application number) | | A SYSTEM FOR PREAMBLE DATA GENERATION AND ENCODING NESTED QR CODE AND METHOD THEREOF | <https://www.ggu.ac.in/Admin/Files/DepartmentDocument/09092022010637_66-77.pdf> |
| Sushma Jaiswal | | 202141040214 (application number) | | DRAGONFLY BRAIN-INSPIRED INTELLIGENT ROBOTIC DRONE TO REMOVE WEEDS IN AGRICULTURAL FARM PLANTS | <https://www.ggu.ac.in/Admin/Files/DepartmentDocument/09092022010637_66-77.pdf> |
| Sushma Jaiswal | | 202131039493 (application number) | | MULTIFUNCTION HEAT TRANSMISSION SIMULATOR WITH AI AND MACHINE LEARNING | <https://www.ggu.ac.in/Admin/Files/DepartmentDocument/09092022010637_66-77.pdf> |
| Sushma Jaiswal | | 202141038588 (application number) | | AN IMAGE ANALYSIS DEVICE USING DEEP LEARNING DATA MODELLING AND METHOD THEREOF | <https://www.ggu.ac.in/Admin/Files/DepartmentDocument/09092022010637_66-77.pdf> |
| Sushma Jaiswal | | 202111038153 (application number) | | A SYSTEM FOR CLOUD MONITORING AND REPAIR METHOD IN AN IOT NETWORK | <https://www.ggu.ac.in/Admin/Files/DepartmentDocument/09092022010637_66-77.pdf> |
| Sushma Jaiswal | | 202141038129 (application number) | | THE SYSTEM AND APPARATUS FOR PRECISELY SMART FARMING | <https://www.ggu.ac.in/Admin/Files/DepartmentDocument/09092022010637_66-77.pdf> |
| Sushma Jaiswal | | 202141038028 | | Image Reconstruction Method Via Iterative Linear Interpolation Using Verge Points | <https://www.ggu.ac.in/Admin/Files/DepartmentDocument/09092022010706_78-89.pdf> |
| Sushma Jaiswal | | 202141037739 (application number) | | INTELLIGENT PREDICTION AND IMAGE GENERATION MODEL USING MACHINE LEARNING TO TRAIN SELF-DRIVING CARS | <https://www.ggu.ac.in/Admin/Files/DepartmentDocument/09092022010706_78-89.pdf> |
| Sushma Jaiswal | | 202141037545 (application number) | | A SYSTEM FOR PROVIDING IOT BASED SECURITY MODULE FOR GUEST SECURITY IN IOT NETWORK AND METHOD THEREOF | <https://www.ggu.ac.in/Admin/Files/DepartmentDocument/09092022010706_78-89.pdf> |
| Sushma Jaiswal | | 202141037164 (application number) | | A NOVEL BLOCK BASED FEATURE LEVEL IMAGE FUSION SYSTEM USING LWT AND NEURAL NETWORKS | <https://www.ggu.ac.in/Admin/Files/DepartmentDocument/09092022010706_78-89.pdf> |
| Sushma Jaiswal | | 202141036940 (application number) | | Isotropic Antenna based on AI & ML Interface having Multifunctional guide-wire assemblies | <https://www.ggu.ac.in/Admin/Files/DepartmentDocument/09092022010706_78-89.pdf> |
| Sushma Jaiswal | | 202141036605 (application number) | | Sensor Based Intelligent Brain Computer Interface System for Assisting Hand Paralyzed Patients to Perform Typing by Brain | <https://www.ggu.ac.in/Admin/Files/DepartmentDocument/09092022010706_78-89.pdf> |
| Sushma Jaiswal | | 202111036217 (application number) | | A SYSTEM HAVING SYNCHRONOUS SIGNALING FOR INTERFACING VLSI CIRCUITS | <https://www.ggu.ac.in/Admin/Files/DepartmentDocument/09092022010706_78-89.pdf> |
| Sushma Jaiswal | | 202141034610 (application number) | | A SYSTEM FOR SERVER-DRIVEN DATA SYNCHRONIZATION IN IOT CONNECTIVITY AND METHOD THEREOF | <https://www.ggu.ac.in/Admin/Files/DepartmentDocument/09092022010706_78-89.pdf> |
| Sushma Jaiswal | | 202141034599 (application number) | | SKIN CANCER (MELANOMA) DETECTION AND RECOMMENDER SYSTEM USING DEEP LEARNING | <https://www.ggu.ac.in/Admin/Files/DepartmentDocument/09092022010706_78-89.pdf> |
| Sushma Jaiswal | | 202141033370 (application number) | | A Novel Robust Method for Pattern Recognition System with Enhanced Micro Structure Descriptors based Classification | <https://www.ggu.ac.in/Admin/Files/DepartmentDocument/09092022010706_78-89.pdf> |
| Sushma Jaiswal | | 202141033338 (application number) | | SENSOR BASED INTELLIGENT HAND GLOVES FOR HEALTHCARE PROFESSIONALS FOR USE DURING COVID-19 PANDEMIC | <https://www.ggu.ac.in/Admin/Files/DepartmentDocument/09092022010706_78-89.pdf> |
| Sushma Jaiswal | | 202141033101 (application number) | | A SYSTEM FOR FILTRATION OF MESSAGES IN A NETWORK USING STATISTICAL PROCESSES AND METHOD THEREOF | <https://www.ggu.ac.in/Admin/Files/DepartmentDocument/09092022010706_78-89.pdf> |
| Sushma Jaiswal | | 202141032482 (application number) | | A DATA MINING TOOL FOR MONITORING AND REPORTING FOR A CHANGE IN A REAL-TIME DATA | <https://www.ggu.ac.in/Admin/Files/DepartmentDocument/09092022010733_90-101.pdf> |
| Sushma Jaiswal | | 202111032293 (application number) | | INTELLIGENT WEARABLE SWEAT SENSOR BASED DEVICE FOR MONITORING AND RECOMMENDING PERSONAL PHYSICAL FITNESS | <https://www.ggu.ac.in/Admin/Files/DepartmentDocument/09092022010733_90-101.pdf> |
| Sushma Jaiswal | | 202141031766 (application number) | | A SYSTEM AND METHOD FOR MINING TRAFFIC PATTERNS OF IoT DEVICES IN EDGE NETWORKS | <https://www.ggu.ac.in/Admin/Files/DepartmentDocument/09092022010733_90-101.pdf> |
| Sushma Jaiswal | | 202141031755 (application number) | | A System and Method for E-Mail Feedback in a Trusted Network using Non-Deterministic Methods & Tools | <https://www.ggu.ac.in/Admin/Files/DepartmentDocument/09092022010733_90-101.pdf> |
| Sushma Jaiswal | | 202141031402 (application number) | | A SYSTEM FOR SHARING IMAGES AND MULTIMEDIA MESSAGE IN ACLOUD NETWORK | <https://www.ggu.ac.in/Admin/Files/DepartmentDocument/09092022010733_90-101.pdf> |
| Sushma Jaiswal | | 202141031063 (application number) | | A SYSTEM AND METHOD FOR ANALYSING BIOLOGICAL EFFECTS OF MOLECULES USING MONTE CARLO METHOD | <https://www.ggu.ac.in/Admin/Files/DepartmentDocument/09092022010733_90-101.pdf> |
| Sushma Jaiswal | | 202141030994 (application number) | | A SYSTEM AND METHOD BASED ON NEURAL NETWORK AND HIDDEN MARKOV MODELLING FOR PREDICTING DRUG PROPERTY | <https://www.ggu.ac.in/Admin/Files/DepartmentDocument/09092022010733_90-101.pdf> |
| Sushma Jaiswal | | 202141030571 (application number) | | MACHINE LEARNING AND IOT BASED SMART WEARABLE SYSTEM FOR AUTONOMOUS MANAGEMENT OF DIABETES MELLITUS | <https://www.ggu.ac.in/Admin/Files/DepartmentDocument/09092022010733_90-101.pdf> |
| Sushma Jaiswal | | 202141030433 (application number) | | A SYSTEM AND METHOD FOR PREDICTING SEISMIC EVENT USING ML & AI INTERFACES | <https://www.ggu.ac.in/Admin/Files/DepartmentDocument/09092022010733_90-101.pdf> |
| Sushma Jaiswal | | 202141030003 (application number) | | A SYSTEM AND METHOD FOR DATA ENCRYPTION BETWEEN IOT DEVICES AND A NETWORK GATEWAY | <https://www.ggu.ac.in/Admin/Files/DepartmentDocument/09092022010733_90-101.pdf> |
| Sushma Jaiswal | | 202141029699 (application number) | | ARTIFICIAL INTELLIGENCE BASED SMART SOLAR TRACKING TECHNIQUE FOR UNINTERRUPTED POWERING SYSTEM | <https://www.ggu.ac.in/Admin/Files/DepartmentDocument/09092022010733_90-101.pdf> |
| Sushma Jaiswal | | 202141028836 (application number) | | A SYSTEM FOR PROVIDING HARDWARE ACCESS USING A VIRTUAL MACHINE ENVIRONMENT WITH A USER AUTHENTICATION | <https://www.ggu.ac.in/Admin/Files/DepartmentDocument/09092022010733_90-101.pdf> |
| Sushma Jaiswal | | 202111028832 (application number) | | IMAGE CONTRAST ENHANCEMENT SYSTEM WITH FUZZY BASED THRESHOLD HISTOGRAM EQUALIZATION | <https://www.ggu.ac.in/Admin/Files/DepartmentDocument/09092022010759_102-113.pdf> |
| Sushma Jaiswal | | 202141028054 (application number) | | A SYSTEM AND METHOD FOR PROCESSING RANDOM ACCESS PROCEDURES IN RELAY USING STATE-ACTION-REWARD-STATE-ACTION (SARSA) | <https://www.ggu.ac.in/Admin/Files/DepartmentDocument/09092022010759_102-113.pdf> |
| Sushma Jaiswal | | 202141027526 (application number) | | DESIGNING AN ELECTRIC CIRCUIT BY USING A NEURAL NETWORK WITH BAYESIAN INFERENCE TO SELECT SUB-ROUTES FOR CONNECTING | <https://www.ggu.ac.in/Admin/Files/DepartmentDocument/09092022010759_102-113.pdf> |
| Sushma Jaiswal | | 202111025113 (application number) | | A SYSTEM AND METHOD FOR SECURE CONNECTION WITH NEWLY CONNECTED DEVICE IN CLOUD NETWORK | <https://www.ggu.ac.in/Admin/Files/DepartmentDocument/09092022010759_102-113.pdf> |
| Sushma Jaiswal | | 202141024465 (application number) | | A VEHICLE SIMULATION TOOL BY PROVIDING WSN INSIDE THE VEHICLE WITH AI & ML BASED INTERFACES | <https://www.ggu.ac.in/Admin/Files/DepartmentDocument/09092022010759_102-113.pdf> |
| Sushma Jaiswal | | 202141024071 (application number) | | A WEARABLE ARTICLE WITH SENSORS AND ML & AI MODULES FOR ANALYSING BEHAVIOUR OF USER | <https://www.ggu.ac.in/Admin/Files/DepartmentDocument/09092022010759_102-113.pdf> |
| Sushma Jaiswal | | 202121023839 (application number) | | SMARTMON: MONITORING THE STATUS OF SMART DEVICES VIA NETWORK TRAFFIC | <https://www.ggu.ac.in/Admin/Files/DepartmentDocument/09092022010759_102-113.pdf> |
| Sushma Jaiswal | | 202141023786 (application number) | | A NOVEL SYSTEM BASED ON RANDOM SAMPLE CONSENSUS (RANSAC) FOR IRIS RECOGNITION IN NON-IDEAL IMAGING CONDITIONS | <https://www.ggu.ac.in/Admin/Files/DepartmentDocument/09092022010759_102-113.pdf> |
| Sushma Jaiswal | | 202141023485 (application number) | | A SYSTEM BASED ON MACHINE LEARNING AND ARTIFICIAL INTELLIGENCE MODULES FOR PROVIDING IOT NETWORK CONFIGURATION THROUGH USER VOICE AND GESTURE AND METHOD THEREOF | <https://www.ggu.ac.in/Admin/Files/DepartmentDocument/09092022010759_102-113.pdf> |
| Sushma Jaiswal | | 202121019989 (application number) | | AN ARTIFICIAL INTELLIGENCE BASED VOICE COMMANDING GLUCOSE MONITORING AND DETERMINING SYSTEM | <https://www.ggu.ac.in/Admin/Files/DepartmentDocument/09092022010759_102-113.pdf> |
| Sushma Jaiswal | | 202121019690 (application number) | | A NEUROMORPHIC SYSTEM FOR INTEGRATING A MODULAR PIECES OF AN ASSEMBLY | <https://www.ggu.ac.in/Admin/Files/DepartmentDocument/09092022010759_102-113.pdf> |
| Rajwant Singh Rao | | 202141041225 (application number) | | DEVELOPMENT OF BIG DATA ANALYTICS FOR INTELLIGENT INDUSTRIAL MANUFACTURING BASED ON WIRELESS AND IOT TECHNOLOGY | <https://www.ggu.ac.in/Admin/Files/DepartmentDocument/09092022010759_102-113.pdf> |
| S.K Lanjhiyana | | 202211046236 (application number) | | Developing a drug for atopic dermatitis and allergic disorders using crisaborole and voclosporins | <https://ggu.ac.in/Admin/Files/DepartmentDocument/12132022080650_26.08.2022.pdf> |
| S.K Lanjhiyana | | 202211044190 (application number) | | Design of smart thin actuators for biomedical applications and intervening the complications of gene mutation in diabetic patients | <https://ggu.ac.in/Admin/Files/DepartmentDocument/12132022080650_26.08.2022.pdf> |
| S.K Lanjhiyana | | 202211048685 (application number) | | Machine learning based approach to study and analyse the antibacterial effects of silver nanoparticlesfor healing dental issues | <https://ggu.ac.in/Admin/Files/DepartmentDocument/12132022075448_09.09.2022.pdf> |
| Monika Bhadauria, SatendrakumarNirala | | 202221056592 (application number) | | A METHOD OF VALUE ADDITION BY TRANSFORMING INDIAN PROPOLIS INTO ITS SILVER NANOPARTICLES AND THEIR THERAPEUTIC USES | <https://ggu.ac.in/Admin/Files/DepartmentDocument/12132022080241_21.10.2022.pdf> |
| SatendrakumarNirala, Monika Bhadauria | | 202221052604 (application number) | | VALUE ADDITION OF CHICKEN EGGS: A METHOD TO SUSTAIN EXTERNAL AND INTERNAL QUALITY AND TO ENHANCE SHELF LIFE OF EGGS BY EXTERNAL COATING OF COMBINATION OF A SOLUTION OF SHELLAC AND PROPOLIS THEREOF | <https://ggu.ac.in/Admin/Files/DepartmentDocument/12132022080241_21.10.2022.pdf> |
| Sarika Agarwal, Mukesh Agarwal | | 202241066834 (application number) | | CRISIS MANAGEMENT MODEL FOR REFLECTIONS ON MARKETING EDUCATION SYSTEM’S TRANSFORMATION | <https://ggu.ac.in/Admin/Files/DepartmentDocument/12132022080446_25.11.2022.pdf> |
| SonalBanchhor | | 202241059892 (application number) | | DEVELOPMENT OF ECO-FRIENDLY SELF-CURING CONCRETE FOR A FUTURISTIC TECHNOLOGY | <https://ggu.ac.in/Admin/Files/DepartmentDocument/12132022080857_28.10.2022.pdf> |
| Upasana Sinha | | 202221059300 (application number) | | MEDICAL IMAGE SEGMENTATION USING CONVOLUTIONAL NEURAL NETWORKS WITH AUTOENCODER | <https://ggu.ac.in/Admin/Files/DepartmentDocument/12132022080241_21.10.2022.pdf> |
| Alok Kumar Singh Kushwaha | | 202231058937 (application number) | | An AI-powered portfolio management system for automated algorithmic trading & process optimization | <https://ggu.ac.in/Admin/Files/DepartmentDocument/12132022080241_21.10.2022.pdf> |
| PrasoonSoni, Pushpraj Singh, Shruti Namdeo, Rohit Raja | | 202221054753 (application number) | | SYSTEM AND METHOD FOR CAPTURING GROUNDWATER POTENTIAL-ZONE INTEGRATING ARTIFICIAL NEURAL NETWORK AND GROUNDWATER INFLUENCING FACTORS | <https://ggu.ac.in/Admin/Files/DepartmentDocument/12132022080857_28.10.2022.pdf> |
| S.K. Lanjhiyana | | 202241054444 (application number) | | DEVELOPING AND EVALUATING POLYHERBAL FORMULATION FOR METABOLIC DISORDER | <https://ggu.ac.in/Admin/Files/DepartmentDocument/12132022081225_30.09.2022.pdf> |
| Sarika Agarwal, Mukesh Agarwal | | 202241054376 (application number) | | DEVELOP AI BASED MONITORING SYSTEM FOR STUDENT'S ATTENDANCE AND TEACHER'S FEEDBACK FOR DISTANCE EDUCATION INSTITUTIONS | <https://ggu.ac.in/Admin/Files/DepartmentDocument/12132022075711_14.10.2022.pdf> |
| Sarika Agarwal, Mukesh Agarwal | | 202241054377 (application number) | | REDESIGNING ROBOTICS BASED FRAUD DETECTION AND DUPLICACY TRACKING FOR AADHAR CARD AND PAN CARD | <https://ggu.ac.in/Admin/Files/DepartmentDocument/12132022075711_14.10.2022.pdf> |
| Dilipkumar Pal, Kushboo Raj | | 202021046493 (application number) | | SYNTHESIS OF DERIVATIVES OF 4, 5-DIMETHYL-1-PHENYL-1H-IMIDAZOLE RELATED COMPOUNDS AND THEIR EVALUATION’ | <https://ggu.ac.in/Admin/Files/DepartmentDocument/12132022081053_29.04.2022.pdf> |
| Sandeep Kumar, Rohit Raja, Shilpa Rani, Hemalata Dalmia, etal | | 418358 | | mechanisms to prevent road accidents in low light intensity enviornment using drone system | <https://ggu.ac.in/Admin/Files/DepartmentDocument/01182023101440_rohit%20raja%20patent_2023.pdf> |
| Kundan Meshram | | 2022/07783 | | A system for effectively predicting yield from plant leaf imagery | <https://www.ggu.ac.in/Admin/Files/DepartmentDocument/01132023101834_NAAC%203.4.3%202021-22%20KM%20Patent%204.pdf> |
| Alpana Ram | | 2022106500 (German Patent) | | A SOLID DISPERSION OF AN ANTI-FUNGAL DRUG IN GEL FORMULATION FOR IMPROVING BIOAVAILABILITY | <https://ggu.ac.in/Admin/Files/DepartmentDocument/03242023091529_alpana%20ram%20patent.pdf> |
| Mukesh Agarwal, Sarika Agarwal | | 373508-001 | | yoga bed for health tracking | <https://ggu.ac.in/Admin/Files/DepartmentDocument/03242023091247_mukesh%20agarwal%20patent%20373508.pdf> |
| Surendra H Bodakhe | | 372498-001 | | vision maze model for laboratory use | <https://ggu.ac.in/Admin/Files/DepartmentDocument/03242023091133_bodakhe%20patent.pdf> |
| Kamta P. Namdeo, Surendra H. Bodakhe, Vinod D Rangari | | 202221049661 (application number) | | *Hedychium coronarium*: a novel therapeutic remedy against galucoma | <https://ggu.ac.in/Admin/Files/DepartmentDocument/03242023104212_KP%20Namdeo_9661.pdf> |
| Surendra H Bodakhe | | 370401-001 | | peripheral visual field testing maze in laboratory use | <https://ggu.ac.in/Admin/Files/DepartmentDocument/03242023103444_Peripheral%20vision.pdf> |
| S.K. Lanjhiyana | | 370534-001 | | Medicine Expiry Detector | <https://ggu.ac.in/Admin/Files/DepartmentDocument/03302023112004_SKL_patent.pdf> |