



### 3.4.2 Number of Patents awarded during the last five years

e-copies of letter of patent grant

**Total Granted patents = 66**

Type of patent	Number of granted patents
Indian patent	20
Australian patent	40
German Patent	04
US Patent	01
South African Patent	01

#### Supporting documents

Sl. No.	Name of the Teacher	Patent Number	Title of the patent	e-copies of letter of patent grant
1	Dr. Sandeep Dharmadhikari	103422	Design of Blender Blade	<a href="http://new.ggu.ac.in/attachments/attachments/IQAC-document-dump/8_GkriEAl.pdf">http://new.ggu.ac.in/attachments/attachments/IQAC-document-dump/8_GkriEAl.pdf</a>
2	Kundan Meshram	2021102807	A Device and Method To Improve The Efficiency Of Construction Sites Using IoT Enabled Digital Twins	<a href="http://new.ggu.ac.in/attachments/attachments/IQAC-document-dump/9_rvUrH23.pdf">http://new.ggu.ac.in/attachments/attachments/IQAC-document-dump/9_rvUrH23.pdf</a>
3	Dr. Alok Singh Kushwaha	2021100780	Smart Bathroom system and method	<a href="http://www.new.ggu.ac.in/attachments/attachments/IQAC-document-dump/2021100780.pdf">http://www.new.ggu.ac.in/attachments/attachments/IQAC-document-dump/2021100780.pdf</a>
4	Dr. Alok Singh Kushwaha	2021101385	Delicate Vibratory Instrument For Neonates Oral Motor Simulation	<a href="http://www.new.ggu.ac.in/attachments/attachments/IQAC-document-dump/2021101385.pdf">http://www.new.ggu.ac.in/attachments/attachments/IQAC-document-dump/2021101385.pdf</a>
5	Dr. Alok Singh Kushwaha	2020104385	A system and a method for automated irrigation using internet of things	<a href="http://www.new.ggu.ac.in/attachments/attachments/IQAC-document-dump/2020104385.pdf">http://www.new.ggu.ac.in/attachments/attachments/IQAC-document-dump/2020104385.pdf</a>
6	Dr. Rohit Raja	2020102636	SBDA Secured Bra for women safety	<a href="http://www.new.ggu.ac.in/attachments/attachments/IQAC-document-dump/2020102636.pdf">http://www.new.ggu.ac.in/attachments/attachments/IQAC-document-dump/2020102636.pdf</a>



7	Dr. Alok Singh Kushwaha	2021100059	Self-cleaning and Germ killing revolving public toilet for covid 19	<a href="http://www.new.ggu.ac.in/attachments/attachments/IQAC-document-dump/2021100059.pdf">http://www.new.ggu.ac.in/attachments/attachments/IQAC-document-dump/2021100059.pdf</a>
8	Dr. Alok Singh Kushwaha	2021102958	A system and method for preventing corona virus transmission	<a href="http://www.new.ggu.ac.in/attachments/attachments/IQAC-document-dump/2021102958.pdf">http://www.new.ggu.ac.in/attachments/attachments/IQAC-document-dump/2021102958.pdf</a>
9	Dr. Alok Singh Kushwaha	2020104116	Holonomic drive conveyor system and its method using IOT	<a href="http://www.new.ggu.ac.in/attachments/attachments/IQAC-document-dump/2020104116.pdf">http://www.new.ggu.ac.in/attachments/attachments/IQAC-document-dump/2020104116.pdf</a>
10	Akhilesh Kumar Shrivastava & Prof S. C. Shrivastava	2021100439	HOME AUTOMATION BASED ON USER DETECTION USING INTERNET OF THINGS	<a href="http://new.ggu.ac.in/attachments/attachments/IQAC-document-dump/21_QPzuEpq.pdf">http://new.ggu.ac.in/attachments/attachments/IQAC-document-dump/21_QPzuEpq.pdf</a>
11	Amit Kumar Chandanan & Vikas Kumar Pandey	2021101077	SMART SHUTTER ASSEMBLY SYSTEM	<a href="http://new.ggu.ac.in/attachments/attachments/IQAC-document-dump/22_JSillb0.pdf">http://new.ggu.ac.in/attachments/attachments/IQAC-document-dump/22_JSillb0.pdf</a>
12	Deepak Rathore	2021101073	Adaptive clustering Based Energy Efficient System for Intelligent Routing in Wireless Sensor Networks	<a href="http://new.ggu.ac.in/attachments/attachments/IQAC-document-dump/23_AbpVEVt.pdf">http://new.ggu.ac.in/attachments/attachments/IQAC-document-dump/23_AbpVEVt.pdf</a>
13	Dr Rohit Raja, Prof.S. C. Shrivastava	2021100285	Novel 3D printed sonic prosthetic leg	<a href="http://new.ggu.ac.in/attachments/attachments/IQAC-document-dump/24_nlSVKjr.pdf">http://new.ggu.ac.in/attachments/attachments/IQAC-document-dump/24_nlSVKjr.pdf</a>
14	Dr Santosh soni	2021100341	Health Related Crisis Ready Plan through Wireless Sensor Network and the Cloud Computing at Populated Spots	<a href="http://new.ggu.ac.in/attachments/attachments/IQAC-document-dump/25_ryv6imj.pdf">http://new.ggu.ac.in/attachments/attachments/IQAC-document-dump/25_ryv6imj.pdf</a>
15	Dr Rohit Raja	350637	An Apparatus and method for remotely monitoring an aquatic animal and classification thereof	<a href="http://new.ggu.ac.in/attachments/attachments/IQAC-document-dump/26_nJVxnPy.pdf">http://new.ggu.ac.in/attachments/attachments/IQAC-document-dump/26_nJVxnPy.pdf</a>
16	Dr Rohit Raja	385681	Face Emotions Recognition Based On Deep Learning for Smart and Secured Child Care Taker	<a href="http://new.ggu.ac.in/attachments/attachments/IQAC-document-dump/28_zhupBQB.pdf">http://new.ggu.ac.in/attachments/attachments/IQAC-document-dump/28_zhupBQB.pdf</a>
17	Dr Rohit Raja	2020103853	Dynamic Digital Twin System and A Method of Operating Thereof	<a href="http://new.ggu.ac.in/attachments/attachments/IQAC-document-dump/29_wsnVmwe.pdf">http://new.ggu.ac.in/attachments/attachments/IQAC-document-dump/29_wsnVmwe.pdf</a>
18	Dr Rohit Raja, Amit Kumar Dewangan	2021102314	An Internet of Things Based Smart Parking System and Its Method Thereof	<a href="http://new.ggu.ac.in/attachments/attachments/IQAC-document-dump/30_gcnT8XT.pdf">http://new.ggu.ac.in/attachments/attachments/IQAC-document-dump/30_gcnT8XT.pdf</a>
19	Dr Rohit Raja	2021106885	An Emotion Detection System and	<a href="http://new.ggu.ac.in/attachments/attachments/IQAC-document-dump/">http://new.ggu.ac.in/attachments/attachments/IQAC-document-dump/</a>



			Method Using Pattern Recognition	<a href="#">dump/31_YOv53IF.pdf</a>
20	Dr Rohit Raja	20 2021 103 650.(German Patent)	Traffic surveillance system	<a href="http://new.ggu.ac.in/attachments/attachments/IQAC-document-dump/32_WcLH2Lz.pdf">http://new.ggu.ac.in/attachments/attachments/IQAC-document-dump/32_WcLH2Lz.pdf</a>
21	Prof S. C. Shrivastava	2021102315	Method and apparatus for air filtration for exhaust silencer of vehicle.	<a href="http://new.ggu.ac.in/attachments/attachments/IQAC-document-dump/33_qxDKUg0.pdf">http://new.ggu.ac.in/attachments/attachments/IQAC-document-dump/33_qxDKUg0.pdf</a>
22	Prof T.V. Arjunan, Mr.PradeepPatanwar, Mr.Manish Bhaskar, Dr.Pankaj Kumar Gupta, Mr.PrashantJangde	2021100087	Longitudinal fins evacuated tube solar air heater	<a href="http://new.ggu.ac.in/attachments/attachments/IQAC-document-dump/34_8PxBESH.pdf">http://new.ggu.ac.in/attachments/attachments/IQAC-document-dump/34_8PxBESH.pdf</a>
23	Prof T.V. Arjunan	2020104031	Twisted micro-fins evacuated tube solar air heater	<a href="http://new.ggu.ac.in/attachments/attachments/IQAC-document-dump/37_EgKhOtc.pdf">http://new.ggu.ac.in/attachments/attachments/IQAC-document-dump/37_EgKhOtc.pdf</a>
24	Dr Dilipkumar Pal and Vinof K Gurjar	388144	Novel Naphthyridine Compounds and Process for Preparation	<a href="http://www.new.ggu.ac.in/attachments/attachments/IQAC-document-dump/388144.pdf">http://www.new.ggu.ac.in/attachments/attachments/IQAC-document-dump/388144.pdf</a>
25	Dheeraj Ahirwar, Sandeep Gupta, DeenanathJhade, Bharti Ahirwar, Ritesh Jain and Mohit	2021103481	Contraceptive composition	<a href="http://new.ggu.ac.in/attachments/attachments/IQAC-document-dump/40_1JBcvPG.pdf">http://new.ggu.ac.in/attachments/attachments/IQAC-document-dump/40_1JBcvPG.pdf</a>
26	Dheeraj Ahirwar, Raju NivruttiPatil, DeenanathJhade, Bharti Ahirwar, Anish Chandy and Mohit	2021103573	Formulation derived from phytoconstituents for treatment of diabetes	<a href="http://new.ggu.ac.in/attachments/attachments/IQAC-document-dump/41_s6tMGn6.pdf">http://new.ggu.ac.in/attachments/attachments/IQAC-document-dump/41_s6tMGn6.pdf</a>
27	V Mandal, KBS Chauhan, R Mehta, R Tandey, K Sen	373262	A solvent free microwave assisted extraction of volatile oil from Mentha spicata leaves	<a href="http://new.ggu.ac.in/attachments/attachments/IQAC-document-dump/42_yAnNE67.pdf">http://new.ggu.ac.in/attachments/attachments/IQAC-document-dump/42_yAnNE67.pdf</a>
28	Dheeraj Ahirwar, DeenanathJhade, Bharti Ahirwar	335400	Method for preparation of a Herbal Contraceptive Composition	<a href="http://new.ggu.ac.in/attachments/attachments/IQAC-document-dump/43_zx9TFI8.pdf">http://new.ggu.ac.in/attachments/attachments/IQAC-document-dump/43_zx9TFI8.pdf</a>
29	R Mehta, V Mandal, HK Kala, KK Sen, R Tandey	365071	A microwave assisted process for extraction of total phenolic contents from T. Officinale	<a href="http://new.ggu.ac.in/attachments/attachments/IQAC-document-dump/44_KIB5iaY.pdf">http://new.ggu.ac.in/attachments/attachments/IQAC-document-dump/44_KIB5iaY.pdf</a>
30	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	<a href="http://new.ggu.ac.in/attachments/attachments/IQAC-document-dump/45_rBSffIZ.pdf">http://new.ggu.ac.in/attachments/attachments/IQAC-document-dump/45_rBSffIZ.pdf</a>
31	Dr R. P. Patel	2021102801	Velocity estimation from cycle pedaling by using extended kalmanfilter	<a href="http://new.ggu.ac.in/attachments/attachments/IQAC-document-dump/46_iEJ9iKM.pdf">http://new.ggu.ac.in/attachments/attachments/IQAC-document-dump/46_iEJ9iKM.pdf</a>



			algorithm	
32	Sushma Jasiwal	2021102961	AN IoT BASED SYSTEM FOR TRACING AND RECOGNIZING AN OBJECT	<a href="http://new.ggu.ac.in/attachments/attachments/IQAC-document-dump/47_C6oANb4.pdf">http://new.ggu.ac.in/attachments/attachments/IQAC-document-dump/47_C6oANb4.pdf</a>
33	Sushma Jasiwal	2021102581	A NOVEL VLSI BASED ARCHITECTURE FOR STROKE DETECTION USING OPTIMIZED RESOURCE ALLOCATION	<a href="http://new.ggu.ac.in/attachments/attachments/IQAC-document-dump/47_C6oANb4.pdf">http://new.ggu.ac.in/attachments/attachments/IQAC-document-dump/47_C6oANb4.pdf</a>
34	Sushma Jasiwal	2021102309	AN EFFICIENT IRIS RECOGNITION SYSTEM WITH COMPLETE LOCAL TERNARY PATTERN FEATURE EXTRACTION AND CLASSIFICATION METHOD	<a href="http://new.ggu.ac.in/attachments/attachments/IQAC-document-dump/47_C6oANb4.pdf">http://new.ggu.ac.in/attachments/attachments/IQAC-document-dump/47_C6oANb4.pdf</a>
35	Sushma Jasiwal	2021101904	ARTIFICIAL NEURAL NETWORK BASED EARLY DIAGNOSIS OF DIABETES MELLITUS	<a href="http://new.ggu.ac.in/attachments/attachments/IQAC-document-dump/47_C6oANb4.pdf">http://new.ggu.ac.in/attachments/attachments/IQAC-document-dump/47_C6oANb4.pdf</a>
36	Sushma Jasiwal	2021101744	THE WASTE SEGREGATION METHOD USING MACHINE LEARNING TECHNIQUE	<a href="http://new.ggu.ac.in/attachments/attachments/IQAC-document-dump/47_C6oANb4.pdf">http://new.ggu.ac.in/attachments/attachments/IQAC-document-dump/47_C6oANb4.pdf</a>
37	Sushma Jasiwal	2021101660	A REAL-TIME SMART HOME AUTOMATION SYSTEM BASED ON LABVIEW PLATFORM	<a href="http://new.ggu.ac.in/attachments/attachments/IQAC-document-dump/47_C6oANb4.pdf">http://new.ggu.ac.in/attachments/attachments/IQAC-document-dump/47_C6oANb4.pdf</a>
38	Sushma Jasiwal	2021101174	SOLAR PV POWER INTEGRATED SMART GRID BASED ENERGY MANAGEMENT SYSTEM	<a href="http://new.ggu.ac.in/attachments/attachments/IQAC-document-dump/47_C6oANb4.pdf">http://new.ggu.ac.in/attachments/attachments/IQAC-document-dump/47_C6oANb4.pdf</a>
39	Sushma Jasiwal	2021101172	DESIGN AND IMPLEMENTATION OF CONVOLUTION NEURAL NETWORK ON EDGE COMPUTING SMART PHONE	<a href="http://new.ggu.ac.in/attachments/attachments/IQAC-document-dump/47_C6oANb4.pdf">http://new.ggu.ac.in/attachments/attachments/IQAC-document-dump/47_C6oANb4.pdf</a>





			FOR HUMAN ACTIVITY RECOGNITION	
40	Sushma Jasiwal	2021100809	IOT BASED OPTIMAL MANAGEMENT OF SMART FARMS USING WIND POWER SYSTEM	<a href="http://new.ggu.ac.in/attachments/attachments/IQAC-document-dump/47_C6oANb4.pdf">http://new.ggu.ac.in/attachments/attachments/IQAC-document-dump/47_C6oANb4.pdf</a>
41	Dr. Saurabh Meshram	362825-001	Lead Toxicity Detector and Water Cleaning Machine	<a href="http://www.new.ggu.ac.in/attachments/attachments/IQAC-document-dump/362825-001.pdf">http://www.new.ggu.ac.in/attachments/attachments/IQAC-document-dump/362825-001.pdf</a>
42	Kundan Meshram	US 11,288,954	Tracking and Alerting Traffic Management System Using IoT For Smart City	<a href="http://www.new.ggu.ac.in/attachments/attachments/IQAC-document-dump/11288954_US_Patent.pdf">http://www.new.ggu.ac.in/attachments/attachments/IQAC-document-dump/11288954_US_Patent.pdf</a>
43	Mr. Satish Negi, Mr. AmitBaghel	2021104281	A smart wearable device for early detection and identification of COVID-19 cases	<a href="http://new.ggu.ac.in/attachments/attachments/IQAC-document-dump/65_rCufYSO.pdf">http://new.ggu.ac.in/attachments/attachments/IQAC-document-dump/65_rCufYSO.pdf</a>
44	Deepak Rathore	2021103085	A Method for Reliable and Energy Efficient Data Transfer Routing Protocol in Wireless Body Area Networks	<a href="http://new.ggu.ac.in/attachments/attachments/IQAC-document-dump/66_VYmrM19.pdf">http://new.ggu.ac.in/attachments/attachments/IQAC-document-dump/66_VYmrM19.pdf</a>
45	Dr Rohit Raja, Dr S. C. Shrivastava,	389902	System And Method For Object Detection And Object Tracking For Traffic Surveillance	<a href="http://www.new.ggu.ac.in/attachments/attachments/IQAC-document-dump/394722.pdf">http://www.new.ggu.ac.in/attachments/attachments/IQAC-document-dump/394722.pdf</a>
46	Dr Rohit Raja	394722	Method and System for Wirelessly Charging of an appliance	<a href="http://www.new.ggu.ac.in/attachments/attachments/IQAC-document-dump/394722.pdf">http://www.new.ggu.ac.in/attachments/attachments/IQAC-document-dump/394722.pdf</a>
47	Dr Rohit Raja	385899	Method and System for rendering a panoramic view of traffic to a driver of a vehicle	<a href="http://www.new.ggu.ac.in/attachments/attachments/IQAC-document-dump/394722.pdf">http://www.new.ggu.ac.in/attachments/attachments/IQAC-document-dump/394722.pdf</a>
48	Dr Rohit Raja, Dr Alok Kumar Singh Kushwaha, Agnivesh Pandey	401497	An Unmanned Aerial Vehicle for Surveillance	<a href="http://www.new.ggu.ac.in/attachments/attachments/IQAC-document-dump/394722.pdf">http://www.new.ggu.ac.in/attachments/attachments/IQAC-document-dump/394722.pdf</a>
49	Dr Rohit Raja, Dr S. C. Shrivastava	20 2021 103 650	Traffic surveillance system	<a href="http://www.new.ggu.ac.in/attachments/attachments/IQAC-document-dump/394722.pdf">http://www.new.ggu.ac.in/attachments/attachments/IQAC-document-dump/394722.pdf</a>
50	Preeti Patel, Harish Rajak	German Patent No: DE20202210 0777	A System for Synthesizing Novel Analogues of Nitrofurantoin Based Hydroxamic Acids as Anticancer Agents	<a href="http://new.ggu.ac.in/attachments/attachments/IQAC-document-dump/79_aIxMxpE.pdf">http://new.ggu.ac.in/attachments/attachments/IQAC-document-dump/79_aIxMxpE.pdf</a>



51	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	<a href="http://new.ggu.ac.in/attachments/attachments/IQAC-document-dump/06222022050223_Granted_Certificate_-_382675_-_AKJ.pdf">http://new.ggu.ac.in/attachments/attachments/IQAC-document-dump/06222022050223_Granted_Certificate - 382675 - AKJ.pdf</a>
52	Sushma Jaiswal	2021105525	MOBILE USER TRAJECTORY PREDICTION SYSTEM WITH EXTREME MACHINE LEARNING ALGORITHM	<a href="http://new.ggu.ac.in/attachments/attachments/IQAC-document-dump/09022022113653_Australian_innovation_patent_SJ_organized.pdf">http://new.ggu.ac.in/attachments/attachments/IQAC-document-dump/09022022113653_Australian innovation patent SJ organized .pdf</a>
53	Sushma Jaiswal	2021104045	FAILURE NODES DETECTION AND RECOVERY SYSTEM IN CLOUD COMPUTING TO IMPROVE Resources Reliability	<a href="http://new.ggu.ac.in/attachments/attachments/IQAC-document-dump/09022022113653_Australian_innovation_patent_SJ_organized.pdf">http://new.ggu.ac.in/attachments/attachments/IQAC-document-dump/09022022113653_Australian innovation patent SJ organized .pdf</a>
54	Sushma Jaiswal	2021103446	ENERGY EFFICIENT WIRELESS SENSOR NETWORK WITH OPTIMIZED CLUSTERING AND COMPRESSIVE SAMPLING	<a href="http://new.ggu.ac.in/attachments/attachments/IQAC-document-dump/09022022113653_Australian_innovation_patent_SJ_organized.pdf">http://new.ggu.ac.in/attachments/attachments/IQAC-document-dump/09022022113653_Australian innovation patent SJ organized .pdf</a>
55	Sushma Jaiswal	2021103249	A NOVEL MULTI-LEVEL OPTIMIZATION FOR TASK SCHEDULING AND LOAD BALANCING IN CLOUD	<a href="http://new.ggu.ac.in/attachments/attachments/IQAC-document-dump/09022022113653_Australian_innovation_patent_SJ_organized.pdf">http://new.ggu.ac.in/attachments/attachments/IQAC-document-dump/09022022113653_Australian innovation patent SJ organized .pdf</a>
56	Sushma Jaiswal	2021103132	AN AUTOMATIC TUMOR DETECTION SYSTEM BASED ON LOCAL LINEAR WAVELET ARTIFICIAL NEURAL NETWORK WITH HYBRID OPTIMIZATION	<a href="http://new.ggu.ac.in/attachments/attachments/IQAC-document-dump/09022022113653_Australian_innovation_patent_SJ_organized.pdf">http://new.ggu.ac.in/attachments/attachments/IQAC-document-dump/09022022113653_Australian innovation patent SJ organized .pdf</a>
57	Sushma Jaiswal	2021102935	AN AUTOMATIC OPTIMIZED FEATURES SELECTION	<a href="http://new.ggu.ac.in/attachments/attachments/IQAC-document-dump/09022022113653_Australian_innovation_patent_SJ_organized.pdf">http://new.ggu.ac.in/attachments/attachments/IQAC-document-dump/09022022113653_Australian innovation patent SJ organized .pdf</a>



			SYSTEM IN RETINOPATHY DETECTION USING ACTIVE EXTREME LEARNING MACHINE	<a href="#">.pdf</a>
58	Sandeep Kumar, Rohit Raja, Shilpa Rani, Hemalata Dalmia, etal	418358	mechanisms to prevent road accidents in low light intensity environment using drone system	<a href="http://new.ggu.ac.in/attachments/attachments/IQAC-document-dump/01182023101440_rohit_raja_patent_2023.pdf">http://new.ggu.ac.in/attachments/attachments/IQAC-document-dump/01182023101440_rohit_raja_patent_2023.pdf</a>
59	Kundan Meshram	2022/07783	A system for effectively predicting yield from plant leaf imagery	<a href="http://new.ggu.ac.in/attachments/attachments/IQAC-document-dump/01132023101834_NAAC_3_4.3_2021-22_KM_Patent_4.pdf">http://new.ggu.ac.in/attachments/attachments/IQAC-document-dump/01132023101834_NAAC_3_4.3_2021-22_KM_Patent_4.pdf</a>
60	Alpana Ram	2022106500 (German Patent)	A SOLID DISPERSION OF AN ANTI-FUNGAL DRUG IN GEL FORMULATION FOR IMPROVING BIOAVAILABILITY	<a href="http://new.ggu.ac.in/attachments/attachments/IQAC-document-dump/03242023091529_alpana_ram_patent.pdf">http://new.ggu.ac.in/attachments/attachments/IQAC-document-dump/03242023091529_alpana_ram_patent.pdf</a>
61	Mukesh Agarwal, Sarika Agarwal	373508-001	yoga bed for health tracking	<a href="http://new.ggu.ac.in/attachments/attachments/IQAC-document-dump/03242023091247_mukesh_agarwal_patent_373508.pdf">http://new.ggu.ac.in/attachments/attachments/IQAC-document-dump/03242023091247_mukesh_agarwal_patent_373508.pdf</a>
62	Surendra H Bodakhe	372498-001	vision maze model for laboratory use	<a href="http://new.ggu.ac.in/attachments/attachments/IQAC-document-dump/03242023091133_bodakhe_patent.pdf">http://new.ggu.ac.in/attachments/attachments/IQAC-document-dump/03242023091133_bodakhe_patent.pdf</a>
63	Surendra H Bodakhe	370401-001	peripheral visual field testing maze in laboratory use	<a href="http://new.ggu.ac.in/attachments/attachments/IQAC-document-dump/03242023103444_Peripheral_vision.pdf">http://new.ggu.ac.in/attachments/attachments/IQAC-document-dump/03242023103444_Peripheral_vision.pdf</a>
64	S.K. Lanjhiyana	370534-001	Medicine Expiry Detector	<a href="http://new.ggu.ac.in/attachments/attachments/IQAC-document-dump/03302023112004_SKL_patent.pdf">http://new.ggu.ac.in/attachments/attachments/IQAC-document-dump/03302023112004_SKL_patent.pdf</a>
65	Prof. Shailendra Kumar	361768-001	Artificial Intelligence based accident notifying device for vehicles	<a href="http://www.new.ggu.ac.in/attachments/attachments/IQAC-document-dump/shailendra_kumar_patent.jpg">http://www.new.ggu.ac.in/attachments/attachments/IQAC-document-dump/shailendra_kumar_patent.jpg</a>
66	Dr Vivekananda Mandal	290354	A microwave assisted process for extraction of total phenolic antioxidant from plant material	<a href="http://new.ggu.ac.in/attachments/attachments/IQAC-document-dump/06222022050442_patent_290354_kol_highlighted.pdf">http://new.ggu.ac.in/attachments/attachments/IQAC-document-dump/06222022050442_patent_290354_kol_highlighted.pdf</a>

**गुरु घासीदास विश्वविद्यालय**  
(केन्द्रीय विश्वविद्यालय अधिनियम 2009 क्र. 25 के अंतर्गत स्थापित केन्द्रीय विश्वविद्यालय)  
**कोनी, बिलासपुर - 495009 (छ.ग.)**



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**Koni, Bilaspur - 495009 (C.G.)**

*[Handwritten Signature]*

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Internal Quality Assurance Cell  
Guru Ghasidas Vishwavidyalaya  
Koni, Bilaspur (C.G.) 495009

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