

Patent Details for Verification_NIRF2023

Note: Provide your Institution's Patent details discipline-wise as applied for NIRF Ranking each in Separate List/Table (Only Published & Granted during 2018 - 2020 year-wise) strictly in this provided format, and clearly write/mention the Discipline & Institute ID above the List/Table as prescribed. Details of the Design, Trademarks, or Copyrights, and only Filed Patents must be avoided. Those details should not be entered or provided in the list below as those won't be considered for the ranking. Patent details must be submitted along with all the source proofs (attached) like screenshots, pdf, image file from databases like InPASS, WIPO, USPTO, Espacenet, Derwent Innovation, etc. and direct URL/Website links, etc.

Discipline Name applied for NIRF2023 Ranking: e.g. IR_OVERALL / IR_ENGINEERING / IR_PHARMACY / IR_Management / IR_Research

Institute ID: e.g. IR-X-X-XXXXXX

Patent Details with proofs (Attach screenshots, pdf, image file, etc.):

Sl. No.	Patent Application No.	Status of Patent (Published / Granted)	Inventor/s Name	Title of the Patent	Applicant/s Name	Patent Filed Date (DD/MM/YYYY)	Patent Published Date / Granted Date (DD/MM/YYYY)	Patent Publication Number / Patent Granted Number	Assignee/s Name (Institute Affiliation/s at time of Application)	Here, attach source of proof i.e. URL/website links, etc.	Department Name
1	346940-001	Published	Dharmadhikari S.	BLANDER BLADE	Chaudhary et al.	29-07-2021	11-10-2021	103422	Guru Ghasidas Vishwavidyalaya, Bilaspur	https://ggu.ac.in/Admin/Files/DepartmentDocument/12192022052357_Patent-1.pdf	Chemical Engineering
2	2021102807	Granted	Kundan Meshram	A DEVICE AND METHOD TO IMPROVE THE EFFICIENCY OF CONSTRUCTION SITES USING IOT ENABLED DIGITAL	Kundan Meshram	24/5/2021	30/6/2021	2021102807	Guru Ghasidas Vishwavidyalaya, Bilaspur	http://pericles.ipaustralia.gov.au/ols/auspat/quickSearch.do?queryString=2021102807&resultsPerPage=	Civil Engineering
3	17/144,173	Published	Kundan Meshram	TRACKING AND ALERTING TRAFFIC MANAGEMENT SYSTEM USING IOT FOR SMART CITY	Kundan Meshram	01-08-2021	44352	US2021/0134146 A1	Guru Ghasidas Vishwavidyalaya, Bilaspur	https://patentcenter.uspto.gov/applications/17144173	Civil Engineering
4	2021100780	Granted	Dr. Alok Kumar Singh Kushwaha	SMART BATHROOM SYSTEM AND METHOD	Dr. Alok Kumar Singh Kushwaha	09-02-2021	22-04-2021	2021100780	Guru Ghasidas Vishwavidyalaya, Bilaspur	http://pericles.ipaustralia.gov.au/ols/auspat/applicationDetails.do?applicationNo=2021100780	Computer Science and Engineering
5	2021101385	Granted	Dr. Alok Kumar Singh Kushwaha	DELICATE VIBRATORY INSTRUMENT FOR NEONATES ORAL MOTOR SIMULATION	Dr. Alok Kumar Singh Kushwaha	17-03-2021	13-05-2021	2021101385	Guru Ghasidas Vishwavidyalaya, Bilaspur	http://pericles.ipaustralia.gov.au/ols/auspat/applicationDetails.do?applicationNo=2021101385	Computer Science and Engineering
6	202021053284	Published	Dr. Manish Shrivastava	VIRTUAL SCRIBE	Dr. Manish Shrivastava	08-12-2020	15-01-2021	202021053284	Guru Ghasidas Vishwavidyalaya, Bilaspur	https://ggu.ac.in/Admin/Files/DepartmentDocument/06282022083241_patent2.pdf	Computer Science and Engineering
7	202021053283	Published	Dr. Manish Shrivastava	LAND SCANNER SYSTEM EMBEDDED IN DRONE FOR LAND SURVEYING	Dr. Manish Shrivastava	08-12-2020	15-01-2021	202021053283	Guru Ghasidas Vishwavidyalaya, Bilaspur	https://ggu.ac.in/Admin/Files/DepartmentDocument/06282022083332_patent_1.pdf	Computer Science and Engineering
8	2021102958	Granted	Dr. Alok Kumar Singh Kushwaha	A SYSTEM AND METHOD FOR PREVENTING CORONA VIRUS TRANSMISSION	Dr. Alok Kumar Singh Kushwaha	29-05-2021	12-08-2021	2021102958	Guru Ghasidas Vishwavidyalaya, Bilaspur	http://pericles.ipaustralia.gov.au/ols/auspat/applicationDetails.do?applicationNo=2021102958	Computer Science and Engineering
9	2020104385	Granted	Pinjarkar, Latika; Bonde, Padma; Mohiddin, Md. Khaja; Kumar Nagwanshi, Kapil; Verma, Upendra;	A SYSTEM AND A METHOD FOR AUTOMATED IRRIGATION USING INTERNET OF THINGS	Bonde, Padma DR; Chandra Srivastava, Sharad DR; Kumar Nagwanshi, Kapil	29-12-2020	03-03-2021	2020104385	Guru Ghasidas Vishwavidyalaya, Bilaspur	IP Australia: AusPat Application Details	Electronics and Communication
10	2021101073	Granted	Marriwala, Nikhil; Vohra, Anil; Sharma, Reena; Rathore, Deepak; Bachan, P.; Panda, Sunita; Anarase,	ADAPTIVE CLUSTERING BASED ENERGY EFFICIENT SYSTEM FOR INTELLIGENT ROUTING IN WIRELESS	Anarase, Deepali Shantilal; Bachan, P.; Bhandari, Rahul; Ghuge, Aditya Chandrakant;	27-02-2021	14-04-2021	2021101073	Guru Ghasidas Vishwavidyalaya, Bilaspur	IP Australia: AusPat Application Details	Electronics and Communication
11	2021103085	Granted	Marriwala, Nikhil	A METHOD FOR RELIABLE AND ENERGY EFFICIENT DATA TRANSFER ROUTING PROTOCOL IN WIRELESS	Ahila Devi, E.; Ahmad, Nafeesh; Gangaprasad, T.; Gopal, Madhwaraj Kango;	03-06-2021	09-03-2022	2021103085	Guru Ghasidas Vishwavidyalaya, Bilaspur	IP Australia: AusPat Application Details	Electronics and Communication
12	AU 2021100341 A4	Granted	Dr. Santosh Soni	HEALTH RELATED CRISIS READY PLAN THROUGH WIRELESS SENSOR NETWORK AND THE CLOUD	Dr. Santosh Soni	19-01-2021	15-04-2021	2021100341	Guru Ghasidas Vishwavidyalaya, Bilaspur	http://pericles.ipaustralia.gov.au/ols/auspat/applicationDetails.do?applicationNo=2021100341	Information Technology
13	2021102314	Granted	Dr. Amit Kumar Dewangan	AN INTERNET OF THINGS BASED SMART PARKING SYSTEM AND IT'S METHOD THEREOF	Dr. Amit Kumar Dewangan	01-05-2021	02-06-2021	2021102314	Guru Ghasidas Vishwavidyalaya, Bilaspur	http://pericles.ipaustralia.gov.au/ols/auspat/quickSearch.do?queryString=2021104218&resultsPerPage=	Information Technology
14	2020103853	Granted	Dr Rohit Raja	DYNAMIC DIGITAL TWIN SYSTEM AND A METHOD OF OPERATING THEREOF	Dr Rohit Raja	02-12-2020	27-Jan-21	2020103853	Guru Ghasidas Vishwavidyalaya, Bilaspur	http://pericles.ipaustralia.gov.au/ols/auspat/applicationDetails.do?applicationNo=2020103853	Information Technology
15	2020104385	Granted	Dr Rohit Raja	A SYSTEM AND A METHOD FOR AUTOMATED IRRIGATION USING INTERNET OF THINGS	Dr Rohit Raja	29-12-2020	03-Mar-21	: 2020104385	Guru Ghasidas Vishwavidyalaya, Bilaspur	http://pericles.ipaustralia.gov.au/ols/auspat/applicationDetails.do?applicationNo=2020104385	Information Technology
16	2021100059	Granted	Dr Rohit Raja	SELF-CLEANING AND GERM-KILLING REVOLVING PUBLIC TOILET FOR COVID	Dr Rohit Raja	06-01-2021	10-Mar-21	2021100059	Guru Ghasidas Vishwavidyalaya, Bilaspur	http://pericles.ipaustralia.gov.au/ols/auspat/applicationDetails.do?applicationNo=2021100059	Information Technology
17	2021100285	Granted	Dr Rohit Raja	NOVEL 3D PRINTED BIONIC PROSTHETIC LEG	Dr Rohit Raja	17-Jan-2021	07-Apr-21	2021100285	Guru Ghasidas Vishwavidyalaya, Bilaspur	http://pericles.ipaustralia.gov.au/ols/auspat/applicationDetails.do?applicationNo=2021100285	Information Technology

18	2021102314	Granted	Dr Rohit Raja	AN INTERNET OF THINGS BASED SMART PARKING SYSTEM AND ITS METHOD THEREOF	Dr Rohit Raja	1 May 2021	02-Jun-21	2021102314	Guru Ghasidas Vishwavidyalaya, Bilaspur	http://pericles.ipaustralia.gov.au/ols/auspat/applicationDetails.do?applicationNo=2021102314	Information Technology
19	2021101385	Granted	Dr Rohit Raja	DELICATE VIBRATORY INSTRUMENT FOR NEONATES ORAL MOTOR SIMULATION	Dr Rohit Raja	17-Mar-21	28-Apr-21	2021101385	Guru Ghasidas Vishwavidyalaya, Bilaspur	http://pericles.ipaustralia.gov.au/ols/auspat/applicationDetails.do?applicationNo=2021101385	Information Technology
20	2021102958	Granted	Dr Rohit Raja	A SYSTEM AND METHOD FOR PREVENTING CORONA VIRUS TRANSMISSION	Dr Rohit Raja	29-05-2021	28-Jul-21	2021102958	Guru Ghasidas Vishwavidyalaya, Bilaspur	http://pericles.ipaustralia.gov.au/ols/auspat/applicationDetails.do?applicationNo=2021102958	Information Technology
21	2021106885	Granted	Dr Rohit Raja	AN EMOTION DETECTION SYSTEM AND METHOD USING PATTERN RECOGNITION	Dr Rohit Raja	24-08-2021	17-Nov-21	2021106885	Guru Ghasidas Vishwavidyalaya, Bilaspur	http://pericles.ipaustralia.gov.au/ols/auspat/applicationDetails.do?applicationNo=2021106885	Information Technology
22	202111002128	Granted	Dr Rohit Raja	FACE EMOTIONS RECOGNITION BASED ON DEEP LEARNING FOR SMART AND SECURED CHILD CARE TAKER	Dr Rohit Raja	29-01-2021	30-Dec-21	385681	Guru Ghasidas Vishwavidyalaya, Bilaspur	https://ipindiaservices.gov.in/PublicSearch/PublicationSearch/ApplicationStatus	Information Technology
23	202121026466	Published	Dr Rohit Raja	SYSTEM AND METHOD FOR OBJECT DETECTION AND OBJECT TRACKING FOR TRAFFIC SURVEILLANCE,	Dr Rohit Raja	23-07-2021	23-Jul-21	389902	Guru Ghasidas Vishwavidyalaya, Bilaspur	https://ipindiaservices.gov.in/PublicSearch/PublicationSearch/ApplicationStatus	Information Technology
24	202141002082	Published	Dr Rohit Raja	DEEP LEARNING BASED ROBOTIC JUDGE	Dr Rohit Raja	16-01-2021	22-Jan-21	2.02141E+11	Guru Ghasidas Vishwavidyalaya, Bilaspur	https://ipindiaservices.gov.in/PublicSearch/PublicationSearch/ApplicationStatus	Information Technology
25	Ref. No: 202121001111	Published	Prof T.V. Arjunan	EVACUATED SOLAR TUBE EMBEDDED WITH PIERCED TWISTED TAPE SYSTEM FOR HEATING AIR	Dr. T. V. Arjunan, Mr. A. Veera Kumar, Mr. R. Venkatramanan, Dr. D.	11-Jan-21	29-Jan-21	Ref. No: 202121001111	Guru Ghasidas Vishwavidyalaya, Bilaspur	https://www.quickcompany.in/patents/evacuated-solar-tube-embedded-with-pierced-twisted-tape-system-for-heating-air	Mechanical Engineering
26	Ref. No: 2020104031	Granted	Prof T.V. Arjunan	TWISTED MICRO-FINS EVACUATED TUBE SOLAR AIR HEATER	Pankaj Kumar Gupta, Prof. T.V. Arjunan, BIN. SOPIAN DATO TS DR KAMARUZZAMAN YAHYA, M SC	12-Dec-20	10-Feb-21	Ref. No: 2020104031	Guru Ghasidas Vishwavidyalaya, Bilaspur	https://www.patentguru.com/assignee/yahya-m-sc-dr-ir-m-prof	Mechanical Engineering
27	Ref. No: 202021054885	Published	Prof T.V. Arjunan	EVACUATED TUBE SOLAR AIR HEATER WITH JET IMPINGEMENT SYSTEM	Prof T.V. ARJUNAN, MR. A. VEERA KUMAR, MR. R. VENKATRAMANAN, DR. D.	17-Dec-20	22-Jan-21	Ref. No: 202021054885	Guru Ghasidas Vishwavidyalaya, Bilaspur	https://ipindia.gov.in/writereaddata/Portal/IPJournal/1_4945_1/Part-1.pdf	Mechanical Engineering
28	2021100087	Granted	Arjunan, T.V.; Patanwar, Pradeep; Bhaskar, Manish; Kumar Gupta, Pankaj; Jangde, Prashant; Singh	LONGITUDINAL FINS EVACUATED TUBE SOLAR AIR HEATER	Prof. T.V. Arjunan, Manish Bhaskar, Prashant Jangde, D. Seenivasan, R.	01-07-21	03-31-21	2021100087	Guru Ghasidas Vishwavidyalaya, Bilaspur	https://ggu.ac.in/Admin/Files/DepartmentDocument/12062_022040606_Innovation_Patent_Certificate_31-03-2021.pdf	Industrial and Production Engineering
29	2021100439	Granted	Chandra Srivastava, Sharad; Srivastava, Sumit; Sharaff, Aakanksha; Sharma, Suraj; Shrivastava, Manoj	HOME AUTOMATION BASED ON USER DETECTION USING INTERNET OF THINGS	Chandra Srivastava, Sharad; Srivastava, Sumit; Sharaff, Aakanksha; Sharma, Suraj;	23-01-2021	07-04-2021	2021100439	Guru Ghasidas Vishwavidyalaya, Bilaspur	https://ggu.ac.in/Admin/Files/DepartmentDocument/06252_022023555_439_patent.pdf	Industrial and Production Engineering
30	2021102315	Granted	Tiwaari, Jeetendra Kumar; Srivastava, Sumit; Chande, Manoj Kumar; Thakur, Mukesh; Deepak, S. S.	METHOD AND APPARATUS FOR AIR FILTRATION FOR EXHAUST SILENCER OF A VEHICLE	Tiwaari, Jeetendra Kumar; Srivastava, Sumit; Chande, Manoj Kumar; Thakur,	01-05-2021	23-06-2021	2021102315	Guru Ghasidas Vishwavidyalaya, Bilaspur	https://ggu.ac.in/Admin/Files/DepartmentDocument/06252_022023735_Innovation_Patent_Certificate_23-06-2021.pdf	Industrial and Production Engineering

