

Patent Details for Verification_NIRF 2025

Note: Provide your Institution's Patent details (Only Utility Patents) Discipline-wise as applied for NIRF Ranking each in Separate List/Table (Only Published & Granted during 2021 – 2023 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 NIRF 2025 Ranking: **IR_OVERALL**

Institute ID: e.g. C-00000 / U-00000

Provide below the Year-wise Count of Submitted Patent Data by the Institute (2021 to 2023) for NIRF2025 as applied in Discipline-specific:

Published_2021	Published_2022	Published_2023	Granted_2021	Granted_2022	Granted_2023	Total Published (2021-2023)	Total Granted (2021-2023)
3	1	7	0	0	3	11	3

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 Proof Screenshots/URL/Website Links, etc.
1	202341037112 A	Published	Dr. S.Joshua Kumaresan,Ms. S. Susila Sakthy,Ms. Gomathy M,Dr. Saswata Chakraborty,Dr. Anuradha. T,Ms. N. V. Haritha,Dr. Rishabh Dev Shukla,Dr. Venktesh Mishra,Dr. Aarti,Dr. Ashmi Chakraborty,Mr. Komal M. Garse,Ms. B. Thyla	Design and Usability of Interfaces for Automated Vehicles	Dr. S.Joshua Kumaresan,Ms. S. Susila Sakthy,Ms. Gomathy M,Dr. Saswata Chakraborty,Dr. Anuradha. T,Ms. N. V. Haritha,Dr. Rishabh Dev Shukla,Dr. Venktesh Mishra,Dr. Aarti,Dr. Ashmi Chakraborty,Mr. Komal M. Garse,Ms. B. Thyla	29/05/2023	16/6/2023	202341037112 A	UNITED COLLEGE OF ENGINEERING AND RESEARCH,NAINI,PRA YAGRAJ-211010	https://search.ipindia.gov.in/DesignApplicationStatus/
2	202331044608 A	Published	Dr. RISHABH DEV SHUKLA,Mr. SUBHAJIT ROY,Dr. VENKTESH MISHRA,Mr. ROSHAN NAYAK,Dr. SHAILESH KANTILAL PATEL,Mr. JAYDEEP PARMAR,Mr.C.PALANI,Dr. MANOJ KUMAR SHUKLA,Dr.PRAVAT RANJAN DIXIT,Mr.M.SIVASANKARAN,Ms. RIFA NIZAM KHAN,Dr. V.KANNAN,Mr.J. LOGESHWARAN	OPTIMIZATION OF ELECTRICAL VEHICLE CHARGING IN THE PRESENCE OF SOLAR POWER USING DEEP REINFORCEMENT LEARNING	Dr. RISHABH DEV SHUKLA,Mr. SUBHAJIT ROY,Dr. VENKTESH MISHRA,Mr. ROSHAN NAYAK,Dr. SHAILESH KANTILAL PATEL,Mr. JAYDEEP PARMAR,Mr.C.PALANI,Dr. MANOJ KUMAR SHUKLA,Dr.PRAVAT RANJAN DIXIT,Mr.M.SIVASANKARAN,Ms. RIFA NIZAM KHAN,Dr. V.KANNAN,Mr.J. LOGESHWARAN	07-03-2023	18/8/2023	202331044608 A	UNITED COLLEGE OF ENGINEERING AND RESEARCH,NAINI,PRA YAGRAJ-211010	https://search.ipindia.gov.in/DesignApplicationStatus/
3	395315-001	Granted	Dr. Rishabh Dev Shukla, Dr. Piyush Kumar Ojha ,Dr. M. Arulmozhi,Dr. Venktesh Mishra, Mr.Purushottam Kumar Maurya,Mr. Roshan Nayak,Dr.Harish Kumar Banga, Dr.V.Kannan	COUPLED SOLAR AND WIND MILL CONTROLLING SYSTEM	Dr. Rishabh Dev Shukla, Dr. Piyush Kumar Ojha ,Dr. M. Arulmozhi,Dr. Venktesh Mishra, Mr.Purushottam Kumar Maurya,Mr. Roshan Nayak,Dr.Harish Kumar Banga, Dr.V.Kannan	17/09/2023	12-2-2024	395315-001	UNITED COLLEGE OF ENGINEERING AND RESEARCH,NAINI,PRA YAGRAJ-211010	https://search.ipindia.gov.in/DesignApplicationStatus/
4	202311052673	Published	Dr.Shruti Bharadwaj, Dr.Suneetha Rikhari,Dr.U.Sivaji, Dr.K.Srinivasa Rao,Mr.Prashant Soni, Dr.U.Devee Prasan,Mr.K.Syam Babu, Dr.V.V.S.Sasank, Dr.R.Rajavignesh, Mr.M.Sreedhar	REAL-TIME TRAFFIC MANAGEMENT USING IOT AND MACHINE LEARNING TECHNIQUES	Dr.Shruti Bharadwaj, Dr.Suneetha Rikhari,Dr.U.Sivaji, Dr.K.Srinivasa Rao,Mr.Prashant Soni, Dr.U.Devee Prasan,Mr.K.Syam Babu, Dr.V.V.S.Sasank, Dr.R.Rajavignesh,	08-04-2023	1-9-2023	35/2023	UNITED COLLEGE OF ENGINEERING AND RESEARCH,NAINI,PRA YAGRAJ-211011	https://iprsearch.ipindia.gov.in/PatentSearch/PatentSearch/

Mr.M.Sreedhar										
5	389280-001	Published	Sambit Satpathy , Vijay Kumar Dwivedi , Adithya Padthe, Srinivas Aditya Vaddadi, Mahesh Singh Swati Vashisht	Block chain Based Health Care System	Sambit Satpathy , Vijay Kumar Dwivedi , Adithya Padthe, Srinivas Aditya Vaddadi, Mahesh Singh Swati Vashisht	29/06/2023	10-11-2023	45/2023	UNITED COLLEGE OF ENGINEERING AND RESEARCH,NAINI,PRA YAGRAJ-211011	https://search.ipindia.gov.in/DesignApplicationStatus/
6	383378-001	Granted	Praveen Kumar Tripathi,Niraj Kumar Tiwari, Shivam Bhardwaj, Pronab Kumar Adhikari, Sandeep Mukherji, Dr. D Sathish Kumar	AI BASED NETWORK INTRUSION DETECTION DEVICE	Praveen Kumar Tripathi,Niraj Kumar Tiwari, Shivam Bhardwaj, Pronab Kumar Adhikari, Sandeep Mukherji, Dr. D Sathish Kumar	08-04-2023	28/07/2023	383378-001	UNITED COLLEGE OF ENGINEERING AND RESEARCH,NAINI,PRA YAGRAJ-211011	https://search.ipindia.gov.in/DesignApplicationStatus/
7	202311027595	Published	Mohit Kumar Saxena, Aishvarya Narain, Dr. Rakesh Kumar Yadav, Bhanu Pratap Rai, Sharad Chandra Srivastava, Dr. Mohan Gupta, Dr. Rini Saxena, Abhishek Kesarwani, Jyoti Kesarwani, Amandeep kaur, Dilip Kumar,Gunjan Thakur	SYSTEM and Method for detecting road conditions on highways using IOT	Dr. Rini Saxena Abhishek Kesarwani, Jyoti Kesarwani, Amandeep kaur, Dilip Kumar,Gunjan Thakur	15/12/2022	6-2-2023	2.02311E+11	UNITED COLLEGE OF ENGINEERING AND RESEARCH,NAINI,PRA YAGRAJ-211011	https://search.ipindia.gov.in/DesignApplicationStatus/
8	202341048098	Published	DR. ARUN DEEPAK ,VIVEK KUMAR PANDEY,ANIL KUMAR,BIKRAM KR DUTTA,DR. RUCHI LAL,SMRITI SINGH CHAUHAN,ADARSH KUMAR, VANDANA YADAV	EMOTION DETECTION AND ANALYSIS SYSTEM FOR SOCIAL MEDIA POSTS	DR. ARUN DEEPAK ,VIVEK KUMAR PANDEY,ANIL KUMAR,BIKRAM KR DUTTA,DR. RUCHI LAL,SMRITI SINGH CHAUHAN,ADARSH KUMAR, VANDANA YADAV	17-07-2023	09-01-2023	2.02341E+11	UNITED COLLEGE OF ENGINEERING AND RESEARCH,NAINI,PRA YAGRAJ-211010	https://iprsearch.ipindia.gov.in/PatentSearch/PatentSearch/ViewApplicationStatus
9	202311039875	Published	Dr. Prachi Tripathi,Vivek Kumar Pandey,Dr. Niyati Aggrawal,Dr Deepti Aggrawal,Dr. Amit Kumar Agarwal,Anjali Jain, Dr. Harsh Khatter	SYSTEM AND METHOD FOR DETECTION OF DUPLICATE MILK PACKET USING IOT	Dr. Prachi Tripathi,Vivek Kumar Pandey,Dr. Niyati Aggrawal,Dr Deepti Aggrawal,Dr. Amit Kumar Agarwal,Anjali Jain, Dr. Harsh Khatter	06-11-2023	14-07-2023	2.02311E+11	UNITED COLLEGE OF ENGINEERING AND RESEARCH,NAINI,PRA YAGRAJ-211010	https://iprsearch.ipindia.gov.in/PatentSearch/PatentSearch/ViewApplicationStatus
10	407325-001	Granted	Dr. dhyanendra jain, Dr. Mohan Gupta, Ms. Anamika Goel, Ms. Vashali, Er. Gaurav Verma, Er. Anurag Kumar, Mr. Venkata Durga Prasad	Machine learning based Electroencephalogram Brain Reading medical apparatus	Dr. dhyanendra jain, Dr. Mohan Gupta, Ms. Anamika Goel, Ms. Vashali, Er. Gaurav Verma, Er. Anurag Kumar, Mr. Venkata Durga Prasad	12-12-2023		407325-001	UNITED COLLEGE OF ENGINEERING AND RESEARCH,NAINI,PRA YAGRAJ-211010	https://search.ipindia.gov.in/DesignApplicationStatus/
11	202211025496 A	Published	Dr. Mohan Gupta, Dr. Kamal Sharma, Dr. Chetan Swaroop, Mr. Sharad Chandra Srivastava, Dr. Vivek Kumar, Mr. Maurya Akash Yashraj, Mr. Ashutosh Kumar	Febrication and efficiency enhancement of refrigeration system by using Accumulator & Rectifier plateform	Dr. Mohan Gupta, Dr. Kamal Sharma, Dr. Chetan Swaroop, Mr. Sharad Chandra Srivastava, Dr. Vivek Kumar, Mr. Maurya Akash Yashraj, Mr. Ashutosh Kumar	30/04/2022	5/13/2022	202211025496 A	UNITED COLLEGE OF ENGINEERING AND RESEARCH,NAINI,PRA YAGRAJ-211010	https://search.ipindia.gov.in/DesignApplicationStatus/

12	202111026210 A	Published	Dr Umesh Kumar Pandey	Block chain for 5G enabled IoT for industrial automation	Dr Umesh Kumar Pandey	06-12-2021	6/25/2021	202111026210 A	UNITED COLLEGE OF ENGINEERING AND RESEARCH,NAINI,PRA YAGRAJ-211010	https://search.ipindia.gov.in/DesignApplicationStatus/
13	202021056208	Published	Dr Umesh Kumar Pandey	3-D printing based design and development of touchless sanitizer machine	Dr Umesh Kumar Pandey	12/24/2021	22-01-2021	202021056208	UNITED COLLEGE OF ENGINEERING AND RESEARCH,NAINI,PRA YAGRAJ-211010	https://search.ipindia.gov.in/DesignApplicationStatus/
14	202111043102	Published	Dr. Swapnil Srivastava	Two factor Authentication based on IOT sensors for Secu. Payroll system	Dr. Swapnil Srivastava	23-09-2021	10/15/2021	202111043102	UNITED COLLEGE OF ENGINEERING AND RESEARCH,NAINI,PRA YAGRAJ-211010	https://search.ipindia.gov.in/DesignApplicationStatus/