

**India Ranking -2025**  
**Patent Details\_ MLSU\_2021-23**  
**Institute ID IR-O-U-0413**

**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: **IR-O-U-0413**





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)			
6	6	6	7	5	4	18	16			

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	202111032892	Published	Dr. Parul Dashora, Dr. Shilpa Vardia	Intelligent Healthcare & Environmental Monitoring System of Industries In Mewar	Dr. Parul Dashora, Dr. Shilpa Vardia	22-07-2021	Publication Date U/S 11A 03.09.2021	202111032892	MLSU	<a href="https://ipindia.gov.in/patents.htm">https://ipindia.gov.in/patents.htm</a>
2	202111017308	Published	Dr. Sachin Gupta	Socio Economical smart IOT Based traffic management system	Dr. Sachin Gupta	13-04-2021	21-05-2021	202111017308	MLSU	<a href="https://ipindia.gov.in/patents.htm">https://ipindia.gov.in/patents.htm</a>
3	202121040503	Published	Dr. Sachin Gupta	Impact of E- Commerce on emerging market in India	Dr. Sachin Gupta	07-09-2021	08-10-2021	202121040503	MLSU	<a href="https://ipindia.gov.in/patents.htm">https://ipindia.gov.in/patents.htm</a>
4	202131038977	Published	Dr. Sachin Gupta	Smart shopping system with intelligent cart module based on artificial intelligence and internet of things	Dr. Sachin Gupta	27-08-2021	17-09-2021	202131038977	MLSU	<a href="https://ipindia.gov.in/patents.htm">https://ipindia.gov.in/patents.htm</a>
5	2021106642	Granted	Dr. Saurabh Kumar Sinha	A poly-herbal drug and a method for formulating for the poly herbal drug for a treatment of diabetes	Dr. Saurabh Kumar Sinha	23-08-2021	16-12-2021	2021106642	MLSU	<a href="http://pericles.ipaustralia.gov.au/ols/auspat/applicationDetails.do?applicationDetails.do?applicationDetails.do?applicationDetails.do">http://pericles.ipaustralia.gov.au/ols/auspat/applicationDetails.do?applicationDetails.do?applicationDetails.do?applicationDetails.do</a>

6	2021106616	Granted	Dr. Saurabh Kumar Sinha	A poly-herbal drug composition and a method for a formulation of the poly herbal drug for a treatment of a cognitive frailty	Dr. Saurabh Kumar Sinha	23-08-2021	16-12-2021	2021106616	MLSU	<a href="http://pericles.ipaustralia.gov.au/ols/auspat/applicationDetails.do?applicationNo=2021106616">http://pericles.ipaustralia.gov.au/ols/auspat/applicationDetails.do?applicationNo=2021106616</a>
7	2021106616	Granted	Dr. Mukesh Kumar Meena	A poly-herbal drug composition and a method for a formulation of the poly herbal drug for a treatment of a cognitive frailty	Dr. Mukesh Kumar Meena	23-08-2021	16-12-2021	2021106616	MLSU	<a href="http://pericles.ipaustralia.gov.au/ols/auspat/applicationDetails.do?applicationNo=2021106616">http://pericles.ipaustralia.gov.au/ols/auspat/applicationDetails.do?applicationNo=2021106616</a>
8	2021106616	Granted	Dr. Mangilal Chouhan	A poly-herbal drug composition and a method for a formulation of the poly herbal drug for a treatment of a cognitive frailty	Dr. Mangilal Chouhan	23-08-2021	16-12-2021	2021106616	MLSU	<a href="http://pericles.ipaustralia.gov.au/ols/auspat/applicationDetails.do?applicationNo=2021106616">http://pericles.ipaustralia.gov.au/ols/auspat/applicationDetails.do?applicationNo=2021106616</a>
9	202131024688	Published	Dr. Devendra Kumar	A Novel Automated Security Model for COVID- 19	Dr. Devendra Kumar	03-06-2021	09-07-2021	202131024688	MLSU	<a href="https://ipindia.gov.in/patents.htm">https://ipindia.gov.in/patents.htm</a>
10	202111051627	Published	Dr. Devendra Kumar	INTELLIGENT SYSTEM FOR MANAGEMENT OF HEALTHCARE RECURSES IN HOSPITAL USING DATA MINING & MACHINE LEARNING	Dr. Devendra Kumar	11-11-2021	19-11-2021	202111051627	MLSU	<a href="https://ipindia.gov.in/patents.htm">https://ipindia.gov.in/patents.htm</a>
11	2/2022/050144	Published	Dr. Devendra Shrimali	A System and Method for automatically managing the industrial process and workers management	Dr. Devendra Shrimali	2022	2022	2/2022/050144	Dr. Devendra Shrimali	
12	202231049007	Published	Dr. Sachin Gupta	An Intelligent System and Method for the Service Sector on the Nation's Economic Growth Using Machine Learning and Blockchain Technology	Dr. Sachin Gupta	27/8/2022	09-09-2022	202231049007	Dr. Sachin Gupta MLSU	<a href="https://ipindiaservices.gov.in/publicsearch">https://ipindiaservices.gov.in/publicsearch</a>
13	202331048264	Published	Chandra Shekhar and Harsha Kumawat	Analysis of the Role of Communication Skill in Career Growth	Chandra Shekhar and Harsha Kumawat	19.07.2023	13.10.2023	41/2023	UGC	
14	202221008706	Published	Joohee Pradhan	Synthesis and Analysis of Cefcapene Pivoxil by using Different Solvent	Joohee Pradhan	18-02-2022	11-03-2022	10/2022	Mohanlal Sukhadia University,	<a href="https://iprsearch.ipindia.gov.in/PublicSearch/PublicationSearch/PatentDetails">https://iprsearch.ipindia.gov.in/PublicSearch/PublicationSearch/PatentDetails</a>
15	2022/03599	Granted	Joohee Pradhan	Atrovastatin Ethosomes Topical Gel Based Drug Delivery System	Joohee Pradhan	29-Mar-22	31-Aug-22	2022/03599	Mohanlal Sukhadia University, Udaipur	

16	202221008706	Published	Sunita Panchawat	Synthesis and Analysis of Cefcapene Pivoxil by using Different Solvent	Sunita Panchawat	18-02-2022	11-03-2022	10/2022	Mohanlal Sukhadia University, Udaipur	<a href="https://iprsearch.ipindia.gov.in/PublicSearch/PublicationSearch/PatentDetails">https://iprsearch.ipindia.gov.in/PublicSearch/PublicationSearch/PatentDetails</a>
17	2022/03599	Granted	Sunita Panchawat	Atrovastatin Ethosomes Topical Gel Based Drug Delivery System	Sunita Panchawat	29-Mar-22	31-Aug-22	2022/03599	Mohanlal Sukhadia University, Udaipur	
18	202221008706	Published	Garima Joshi	Synthesis and Analysis of Cefcapene Pivoxil by using Different Solvent	Garima Joshi	18-02-2022	11-03-2022	10/2022	Mohanlal Sukhadia University, Udaipur	<a href="https://iprsearch.ipindia.gov.in/PublicSearch/PublicationSearch/PatentDetails">https://iprsearch.ipindia.gov.in/PublicSearch/PublicationSearch/PatentDetails</a>
19	860/DEL/2014	Granted	Deepak Choudhary	ANTI DIABETICS AGENTS, COMPOSITIONS AND PROCESS FOR PREPARING THE SAME	Deepak choiudhary	25-03-2014	17-08-2022	403715	Department of Pharmaceutical Sciences, Mohanlal Sukhadia University,	
20	202022103062	Granted	Deepak Choudhary	System for producing magnetic iron oxide nanoparticles from the leaf extract of Carrisa Carandas.	Deepak choiudhary	13-05-2022	14-06-2022	C01G 49/02	Department of Pharmaceutical Sciences, Mohanlal Sukhadia University,	
21	371150-001	Granted	Bhuvnesh Bania, Ashwin singh chouhan, Kajol Rustage, Vivek Jain,	Apparatus to measure the anxiety in rodents	Vivek Jain	21-09-2022	06-10-2023	Journal No is 40/2023 ; 145398	Department of Pharmaceutical Sciences MLSU	
22	202411046832	Published	Dr. Devendra Shrimali	AI-Enhanced Holistic Business Intelligence System for Fintech Computer Science	Dr. Devendra Shrimali	18-Jun-2024	5-Jul-2024		MLSU	
23	202421048850 A	Published	Dr. Devendra Shrimali	Predictive Analysis of Social Media and Cybercrime effects on Higher Education Academic Performance using Machine Learning	Dr. Devendra Shrimali	26-Jun-2024	26-Jul-2024		MLSU	

24	6322574	Published & Granted	Dr. Sacbin Gupta	Computer Device For Business Finance Management	Dr. Sacbin Gupta	29-Oct-2023	7-Nov-2023	Device For Business Finance Management	MLSU	Intellectual Property Office GOV UK (www.gov.uk)
25	6375583	Published & Granted	Dr. Sachin Gupta	L I L K I U P B Y b 1 P M 1 bit. PROVIDING INTELLIGENT CUSTOMER RELATIONSHIP MANAGEMENT THROUGH AI ML INTEGRATION	Dr. Sachin Gupta	1-Jul-2024	12/7f2024	UK Patent	MLSU	
26	No.202331048264	Published	CHANDRA SHEKHAR HARSHA KUMAWAT	Analysis of the Role of Communication Skill in Career Growth	CHANDRA SHEKHAR HARSHA KUMAWAT	19-07-2023	13-10-2023	202331048264 A	Mohanlal Sukhadia university	<a href="https://drive.google.com/file/d/1HRiU-gUgIBcA1OpUnK8cvEtYHW6lp2l/view?usp=drive_link">https://drive.google.com/file/d/1HRiU-gUgIBcA1OpUnK8cvEtYHW6lp2l/view?usp=drive_link</a>
27	390045-001	Granted	CHANDRA SHEKHAR	Energy efficient & resource allocation device	CHANDRA SHEKHAR	11-07-2023	11-07-2023	390045-001	Mohanlal Sukhadia	<a href="https://drive.google.com/file/d/1o6nJkNvYllaWclaQwr6vOdRvQsb-o5vx/view?usp=drive_link">https://drive.google.com/file/d/1o6nJkNvYllaWclaQwr6vOdRvQsb-o5vx/view?usp=drive_link</a>
28	202311003059	Published	Dr. Sunita Panchawat	Ms. Deepika Bairagee, Dr. Sunita Panchawat, Ms. Poojashree Verma, Dr. Jayesh Dwivedi, Dr. Neelesh Maheshwari	Dr. Sunita Panchawat	16/01/2023	27/01/2023	U/S 11 A 04/2023	Mohanlal Sukhadia University, Udaipur	<a href="https://iprsearch.ipindia.gov.in/PatentSearch/PatentSearch/ViewApplicationStatus">https://iprsearch.ipindia.gov.in/PatentSearch/PatentSearch/ViewApplicationStatus</a>
29	202311049604	Published	Dr. Sunita Panchawat	Dr. Namrata Gupta, Dr. Sunita Panchawat, Mr. Pankaj Singh Patel, Dr. Bhuvnesh Kumar Singh, Ms. Deeksha Tiwari	Dr. Sunita Panchawat	24/07/2023	11-08-2023	32/2023	Mohanlal Sukhadia University, Udaipur	<a href="https://iprsearch.ipindia.gov.in/PublicSearch/Publication">https://iprsearch.ipindia.gov.in/PublicSearch/Publication</a>
30	392251-001	Granted	Dr. Deepak Choudhary	Dr. Shailendra Sharma, Dr. Deepak Choudhary, Dr. Mangilal Chouhan, Dr. Mukesh Kumar Meena, Ms. Supriya Singh, Mr. Vivak Bhati	Dr. Deepak Choudhary	09-08-2023	06-10-2023	145396 (40/2023)	Mohanlal Sukhadia University, Udaipur	<a href="https://search.ipindia.gov.in/IPOJournal/Journal/Patent">https://search.ipindia.gov.in/IPOJournal/Journal/Patent</a>
31	392251-001	Granted	Dr. Mukesh Kumar Meena	Dr. Shailendra Sharma, Dr. Deepak Choudhary, Dr. Mangilal Chouhan, Dr. Mukesh Kumar Meena, Ms. Supriya Singh, Mr. Vivak Bhati	Dr. Mukesh Kumar Meena	09-08-2023	06-10-2023	145396 (40/2023)	Mohanlal Sukhadia University, Udaipur	<a href="https://search.ipindia.gov.in/IPOJournal/Journal/Patent">https://search.ipindia.gov.in/IPOJournal/Journal/Patent</a>

32	202311003871A	Published	Dr. MUKESH KUMAR MEENA	SHMMON AHMAD, TARAPATLA PRADEEP SASTRY, Mr. TUSHAR VERMA, Ms. RINKEE VERMA, Ms. ASHWINI RANGRAO PATIL, Ms. TRIPTI NAURANGE, Mrs. AMRITA SWARNKAR, Dr. MUKESH KUMAR MEENA, Dr SUMANTA BHATTACHARYA, MOHD ASIF SHAH, Dr. VIJAY KUMAR SALVIA, Mrs. KIRAN SINGH	Dr. MUKESH KUMAR MEENA	19/01/2023	03-02-2023	11A (2) (5/2023)	Mohanlal Sukhadia University, Udaipur	<a href="https://search.ipindia.gov.in/IPOJournal/Journal/Patent">https://search.ipindia.gov.in/IPOJournal/Journal/Patent</a>
33	6302982	Granted	Dr. Mukesh Kumar Meena	Mrs. Pavani Sure, Mr. Suman Kumar Rathore, Mr. Arpan Kumar Tripathi, Mr. Nitin Nanaso Mali, Mr. Survase Abhijeet Bapurao, Dr. Pankaj Gupta, Mr. Irshad Abdulsamad Shaikh, Dr. Sugali Banoth Thirumalesh Naik, Dr. Laxmi Rani, Dr. Mukesh Kumar Meena	Dr. Mukesh Kumar Meena	11.08.2023	21.08.2023	6302982	Mohanlal Sukhadia University, Udaipur	<a href="https://www.ipo.gov.uk/design/d-find/d-find-number.htm">https://www.ipo.gov.uk/design/d-find/d-find-number.htm</a>
34	2023/04928	Granted	Dr. Vivek Jain	Dr. M. Venkata Ramana, Dr. Anasuya Patil, Dr. Sachinkumar Dnyaneshwar Gunjal, Dr. P. Sailaja Rao, Aaushi Pareek, Dr. Nayyar Parvez, Sana Butoo, Ashutosh Pareek, Vivek Jain, Dr. Shyam Sunder V Pancholi	Dr. Vivek Jain	03.05.2023	20.12.2023	2023/04928	Mohanlal Sukhadia University, Udaipur	