

Patent Details for Verification_NIRF2024

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 2020 – 2022 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 NIRF2024 Ranking: **IR_OVERALL**

Institute ID: **(IR-O-C-29102)**

Provide below the Year-wise Count of Submitted Patent Data by the Institute (2020 to 2022) for NIRF2024 as applied in Discipline-specific:

Published_2020	Published_2021	Published_2022	Granted_2020	Granted_2021	Granted_2022	Total Published (2020-2022)	Total Granted (2020-2022)
0	1	1	0	1	2	2	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	2021104217	Granted	CHANDNANI, NEERAJ ; Verma, Kirti ; Mangal, Adarsh ; Jain, Sanjay ; Singh, Ganga ; Verma, Shivali ; Chandani, Mukta ; Godhandaraman, P. ; Poongothai, V. ; Shrivastava, Vineeta ; Sahu, Uma ; Kar, Rahul	A system and method for optimum wavelet basis function selection for ECG arrhythmia denoising using artificial intelligence	CHANDNANI, NEERAJ ; Verma, Kirti ; Mangal, Adarsh ; Jain, Sanjay ; Singh, Ganga ; Verma, Shivali ; Chandani, Mukta ; Godhandaraman, P. ; Poongothai, V. ; Shrivastava, Vineeta ; Sahu, Uma ; Kar, Rahul	16/07/2021	8/25/2021	2021104217	SPC Govt. College Ajmer	https://pericles.ipaustralia.gov.au/ols/auspat/quickSearch.do?queryString=2021104217&resultsPerPage=
2	2021103789	Granted	BOPPANA, UDAYA ; Pamba, Raja ; Jain, Sanjay ; Sharma, Krishan ; Mangal, Adarsh ; Pandit, Prajjawal ; Shawl, Rashed ; Khan, Rijwan ; Garg, Urvasi ; Dhiman, Gaurav	AN ARTIFICIAL INTELLIGENCE AND BLOCK CHAIN BASED SYSTEM FOR FARMERS EMPOWERMENT	BOPPANA, UDAYA ; Pamba, Raja ; Jain, Sanjay ; Sharma, Krishan ; Mangal, Adarsh ; Pandit, Prajjawal ; Shawl, Rashed ; Khan, Rijwan ; Garg, Urvasi ; Dhiman, Gaurav	1/7/2021	4/13/2022	2021103789	SPC Govt. College Ajmer	https://pericles.ipaustralia.gov.au/ols/auspat/quickSearch.do?queryString=2021103789&resultsPerPage=
3	2021104539	Granted	TAHASIN, ZULKERNYNE ; Pamba, Raja ; Jain, Sanjay ; Sharma, Krishan ; Badlani, Manish ; Shabaz, Mohammad ; Kumar, Pawan ; Aftab, Muhammad ; Nazila, Ragimova ; Vugar, Abdullayev	A patient monitoring system based on block chain	TAHASIN, ZULKERNYNE ; Pamba, Raja ; Jain, Sanjay ; Sharma, Krishan ; Badlani, Manish ; Shabaz, Mohammad ; Kumar, Pawan ; Aftab, Muhammad ; Nazila, Ragimova ; Vugar, Abdullayev	25/07/2021	3/30/2022	2021104539	SPC Govt. College Ajmer	https://pericles.ipaustralia.gov.au/ols/auspat/quickSearch.do?queryString=2021104539&resultsPerPage=
4	202111023457 A	Published	Dr. Sarla Kumari,Dr. Chandra Mohan,Mr. Vinod Kumar,Dr. Neeraj Kumari1	zirconium and Uranium metal complexes of Semicarbazide derivatives with antibacterial activity	Dr. Sarla Kumari,Dr. Chandra Mohan,Mr. Vinod Kumar,Dr. Neeraj Kumari1	26/05/2021	6/11/2021	24/2021	SPC Government College Ajmer,KR Manglam University Gurgaon, KR Manglam University Gurgaon, KR Manglam University Gurgaon	https://ipindia.gov.in/writereaddata/Portal/IPOJournal/1_4985_1/P art-1.pdf
5	20 2022 105 965.9	Published	Boadh, Rahul, Dr., Meerut, Uttar Pradesh, IN; Chauhan, Sakshi, Ghaziabad, Uttar Pradesh, IN; Jha, Abhimanyu Kumar, Dr., Ghaziabad, Uttar Pradesh, IN; Kumari, Sarla, Dr., Ajmer, Rajasthan, IN; Malini, Palani Singaram Geetha, Dr., Chennai, Tamil Nadu, IN; Mathur, Runjhu, Ghaziabad, Uttar Pradesh, IN; Mohan, Chandra, Dr., Gurugram, Haryana, IN; Robinson, Jenifer, Muscat, OM; Singh, Reena, Dr., Gurugram, Haryana, IN; Swarnkar, Pawan Kumar, Kota, Rajasthan, IN; Vodwal, Lata, Dr., Rohini, Delhi, IN; Yadav, Komal, Dr., Gurugram, Haryana, IN	Ein modifiziertes, auf einem numerischen Strömungsmodell basierendes System zur Untersuchung der Ausbreitung von Luftschadstoffen im Mikrobereich	Boadh, Rahul, Dr., Meerut, Uttar Pradesh, IN; Chauhan, Sakshi, Ghaziabad, Uttar Pradesh, IN; Jha, Abhimanyu Kumar, Dr., Ghaziabad, Uttar Pradesh, IN; Kumari, Sarla, Dr., Ajmer, Rajasthan, IN; Malini, Palani Singaram Geetha, Dr., Chennai, Tamil Nadu, IN; Mathur, Runjhu, Ghaziabad, Uttar Pradesh, IN; Mohan, Chandra, Dr., Gurugram, Haryana, IN; Robinson, Jenifer, Muscat, OM; Singh, Reena, Dr., Gurugram, Haryana, IN; Swarnkar, Pawan Kumar, Kota, Rajasthan, IN; Vodwal, Lata, Dr., Rohini, Delhi, IN; Yadav, Komal, Dr., Gurugram, Haryana, IN	21/10/2022	12/22/2022	DE202022105965U1	SPC Govt. College Ajmer	https://register.dpma.de/DPMAregister/pat/register?AKZ=2020221059659&CURSOR=0