

Patent Details for Verification_NIRF2026

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 2022 – 2024 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 NIRF2026 Ranking: e.g. IR_OVERALL / IR_ENGINEERING / IR_MEDICAL / IR_PHARMACY / Institute ID: e.g. C-00000

Provide below the Year-wise Count of Submitted Patent Data by the Institute (2022 to 2024) for NIRF2026 as applied in Discipline-specific:

Publ	Published_2023	Published_2022	Granted_2022	Granted_2023	Granted_2024	Total Published	Total Granted
						0	0

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	17/538,386	Granted	Dr. Basudev Pradhan	Photodevices including at least one of Quantum Dots and Nano-Crystals		30-10-2021	02-07-2024	US 12,029,051 B2	University of Central Florida Research Foundation, Inc., Orlando, FL (US)	https://drive.google.com/file/d/1UNkNn4Ojg9Dfxya7lv4xun9Go1-PkxZE/view?usp=sharing
2	202031022424	Granted	Prof. Sarang Medhekar	A System and a method to synthesize optical devices of desired functionality	Prof. Sarang Medhekar	28-05-2020	03-04-2024	531675	Central University of Jharkhand	https://drive.google.com/file/d/1tZA8BkKwa8YLnUnEeaefGzeCpKLWfX8/view?usp=sharing
3	202031016205	Granted	Dr. Bhaskar Singh	Method for the Enhancement of Oxidative Stability and Cold-Flow Properties of Biodiesel	Dr. Bhaskar Singh	15-04-2020	22-02-2024	513757	Central University of Jharkhand	https://drive.google.com/file/d/1npmCci9peCqzeXVfRpk7R3ibuvnXOj7M/view?usp=sharing
4	202411007522A	Published	Dr. Shilpy Raaj	A System for enhancing high order thinking level of students via bloomed taxonomy	Dr. Shilpy Raaj	04-02-2024	16-02-2024	202411007522A	Central University of Jharkhand	https://drive.google.com/file/d/1BYtLmD3UOk11aePbztVsUuAGGawQa6qr/view?usp=sharing
5	420755-001	Published	Dr. Kanojia Sindhuben Babulal	Waveflex Signal Optimizer Device	Dr. Kanojia Sindhuben Babulal	21-06-2024	30-07-2024	420755-001	Central University of Jharkhand	https://drive.google.com/file/d/16lBwEhCWlufx6t_Zxwik7_ZGxJ3DJ1nn/view?usp=sharing

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