

**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: e.g. IR\_OVERALL / IR\_ENGINEERING / IR\_MEDICAL / IR\_PHARMACY / IR\_DENTAL/IR\_AGRICULTURE**

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

**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)			

**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/YY)	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.
51	202041040599A	Published	J.Reegan	WIRELESS SENSOR PILLOW FOR SLEEP MONITORING AND GESTURE RECOGNITION SYSTEM USING EMBEDDED CONTROLLER	J.Reegan	18/09/2020	25/09/2020	202041040599A	St.Mother Theresa engineering College, Vagaikulam, Thoothukuydi-625195	<a href="https://drive.google.com/file/d/1dx7RK94vGCA A99MOm2F73fc7UMRLKym3/view?usp=sharing">https://drive.google.com/file/d/1dx7RK94vGCA A99MOm2F73fc7UMRLKym3/view?usp=sharing</a>
52	202041051860A	Published	J.Reegan	IOT BASED AUTOMATION OF WATER SUPPLY AND THEFT IDENTIFICATION	J.Reegan	27/11/2020	11/12/2020	202041051860A	St.Mother Theresa engineering College, Vagaikulam, Thoothukuydi-625196	<a href="https://drive.google.com/file/d/1PUB6dyorp9EaZJKi_w6OGrEu8P12Mnk/view?usp=sharing">https://drive.google.com/file/d/1PUB6dyorp9EaZJKi_w6OGrEu8P12Mnk/view?usp=sharing</a>

53	202041048645	Published	Dr. K. Karthikeyan	Smart ATM using AI and IOT technology	Dr. K. Karthikeyan	6/11/2020	13/11/2020	202041048645	St.Mother Theresa engineering College, Vagaikulam, Thoothukuydi-625197	<a href="https://drive.google.com/file/d/1TIGX_SWn9LaEnzdVomYT6wxzmWt2adA0/view?usp=sharing">https://drive.google.com/file/d/1TIGX_SWn9LaEnzdVomYT6wxzmWt2adA0/view?usp=sharing</a>
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