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PATENT DETAILS 2024

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	202441006540	Published	Dr. Anjaneyulu Bendi	α -amylase Inhibitors and a Pharmaceutical Composition Thereof	Presidency University, Bangalore	31/01/2024	23/02/2024	008/2024	Presidency University	http://presidencyuniversity.cc/NIRF 2026/177.pdf
2	202441019511	Published	K. Meenakshi	Applications of Fuzzy Measures, Continuous Fuzzy Stochastic Processes to Pricing Put and Call Options	Presidency University, Bangalore	16/03/2024	29/03/2024	13/2024	Presidency University	http://presidencyuniversity.cc/NIRF 2026/178.pdf
3	202441018442	Published	SELVARAJ POORNIMA	Multi-Sensory Tactile Book with Integrated Audio Output	Presidency University, Bangalore	14/03/2024	29/03/2024	13/2024	Presidency University	http://presidencyuniversity.cc/NIRF 2026/179.pdf



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4	202441019494	Published	Dr.Arptha G R	Deep Cryo-treated Al 7068- Al ₂ O ₃ for fabrication of flap tracks in aerospace	Presidency University, Bangalore	16/03/2024	29/03/2024	13/2024	Presidency University	http://presidencyuniversity.cc/NIRF 2026/180.pdf
5	202441019495	Published	SELVARAJ POORNIMA	Cross Platform analysis for Improved Malware Detection via N-Skip Gram Instruction Embedding Model	Presidency University, Bangalore	16/03/2024	29/03/2024	13/2024	Presidency University	http://presidencyuniversity.cc/NIRF 2026/181.pdf
6	202441030291	Published	Dr. Bharathi D	Titanium Dioxide Coated Carbon Quantum Dots (TiO ₂ -CQDs) For Dopamine Sensing	Presidency University, Bangalore	15/04/2024	26/04/2024	17/2024	Presidency University	http://presidencyuniversity.cc/NIRF 2026/182.pdf
7	202441027624	Published	Dr. Rupam Mukherjee	Thermal Conductive gel as Thermal Interface Materials (TIMs) for metal joints	Presidency University, Bangalore	03/04/2024	04/12/2024	15/2024	Presidency University	http://presidencyuniversity.cc/NIRF 2026/183.pdf



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8	202441032401	Published	Abhinav Srivastava	Intelligent Overtaking Safety System	Presidency University, Bangalore	24/04/2024	05/03/2024	18/2024	Presidency University	http://presidencyuniversity.cc/NIRF 2026/184.pdf
9	202441029760	Published	Dr V S Vijaya Krishna V	ESTIMATION OF LACTOSE CONCENTRATION IN A BIOPROCESS AND ITS METHOD THEREOF	Presidency University, Bangalore	12/04/2024	19/04/2024	16/2024	Presidency University	http://presidencyuniversity.cc/NIRF 2026/185.pdf
10	202441027626	Published	Dr V S Vijaya Krishna V	Embedded Soft Sensor for State of Charge Estimation of Electric Vehicle Batteries using Deep Learning Framework.	Presidency University, Bangalore	03/04/2024	04/12/2024	15/2024	Presidency University	http://presidencyuniversity.cc/NIRF 2026/186.pdf
11	202441032402	Published	Dr. Deepjyoti Mech	A method for trajectory analysis in oil well drilling operations	Presidency University, Bangalore	24/04/2024	05/03/2024	18/2024	Presidency University	http://presidencyuniversity.cc/NIRF 2026/187.pdf
12	202441034517	Published	Dr. Sekar. R	Smart Energy Monitoring And Security System	Presidency University, Bangalore	01/05/2024	05/10/2024	19/2024	Presidency University	http://presidencyuniversity.cc/NIRF 2026/188.pdf



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13	202441039718	Published	Vetrimani Elangovan	Immersive Somatosensory Feedback System for Enhanced VR, AR, and Metaverse Experiences	Presidency University, Bangalore	21/05/2024	31/05/2024	22/2024	Presidency University	http://presidencyuniversity.cc/NIRF 2026/189.pdf
14	202441036635	Published	Dr. Ravi V Angadi	A System for silk production and Methods thereof	Presidency University, Bangalore	09/05/2024	17/05/2024	20/2024	Presidency University	http://presidencyuniversity.cc/NIRF 2026/190.pdf
15	202441039715	Published	Dr. L. Shakkeera	Secure Mobile Cloud Data Transaction in Healthcare Sector	Presidency University, Bangalore	21/05/2024	31/05/2024	22/2024	Presidency University	http://presidencyuniversity.cc/NIRF 2026/191.pdf
16	202441042704	Published	Dr. L. Shakkeera	A method of Predicting Cardiovascular Events using Medical Image Analysis	Presidency University, Bangalore	01/06/2024	14/06/2024	24/2024	Presidency University	http://presidencyuniversity.cc/NIRF 2026/192.pdf
17	202441042705	Published	Dr. Prabhu T	Enhancing Online Safety: A System for Dynamic Link Coloration based on Safety Assessment	Presidency University, Bangalore	01/06/2024	14/06/2024	24/2024	Presidency University	http://presidencyuniversity.cc/NIRF 2026/193.pdf



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18	202441078933	Published	Dr. V Joshi Manohar	Intelligent Sensing System For Monitoring Of Electrical And Mechanical Parameters Of Distribution Transformers And Method Thereof	Presidency University, Bangalore	17/10/2024	25/10/2024	43/2024	Presidency University	http://presidencyuniversity.cc/NIRF 2026/194.pdf
19	202441075452	Published	Dr. Deepjyoti Mech	Method for Enhanced Oil Recovery Using Micellar Alkaline Polymer Flooding for Natural Porous Media	Presidency University, Bangalore	05/10/2024	18/10/2024	42/2024	Presidency University	http://presidencyuniversity.cc/NIRF 2026/195.pdf
20	202441046746	Published	Dr. Saurav Ganguly	Efficient carrier acquisition techniques for superheterodyne digital communication receiver	Presidency University, Bangalore	18/06/2024	28/06/2024	26/2024	Presidency University	http://presidencyuniversity.cc/NIRF 2026/196.pdf
21	202441045347	Published	Dr.PRABHUKUMAR S	Manufacturing crack-free silicon substrate	Presidency University, Bangalore	12/06/2024	21/06/2024	25/2024	Presidency University	http://presidencyuniversity.cc/NIRF 2026/197.pdf



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22	202441050347	Published	Dr. Deepjyoti Mech	A method for optimizing regular flood patterns in oil and gas reservoirs	Presidency University, Bangalore	01/07/2024	07/12/2024	28/2024	Presidency University	http://presidencyuniversity.cc/NIRF 2026/198.pdf
23	202441062300	Published	Dr. Ashish Srivastava	Semantic Segmentation technique for Non-Destructive Classification of Heat Affected Zones in ground steel	Presidency University, Bangalore	16/08/2024	23/08/2024	34/2024	Presidency University	http://presidencyuniversity.cc/NIRF 2026/199.pdf
24	202441057891	Published	Dr. Shagufi Naz Ansari	A NOVEL METAL ORGANIC FRAMEWORK (MOF), METHOD OF PREPARATION OF THE METAL ORGANIC FRAMEWORK AND APPLICATION THEREOF	Presidency University, Bangalore	30/07/2024	08/09/2024	32/2024	Presidency University	http://presidencyuniversity.cc/NIRF 2026/200.pdf



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25	202441064170	Published	Dr. Jagdish H Godihal	Smart Air quality monitoring for CO, Methane and Carbon dioxide	Presidency University, Bangalore	26/08/2024	30/08/2024	35/2024	Presidency University	http://presidencyuniversity.cc/NIRF 2026/201.pdf
26	202441062301	Published	Dr.Divya Rani	ACCESSING VISUAL INFORMATION BY PERSONS WITH VISUAL DISABILITY.	Presidency University, Bangalore	16/08/2024	23/08/2024	34/2024	Presidency University	http://presidencyuniversity.cc/NIRF 2026/202.pdf
27	202441064779	Published	Dr.Divya Rani	COUNTER HIJACKING SIMULATION SYSTEM FOR AVIATION SECURITY OPERATIONS	Presidency University, Bangalore	28/08/2024	09/06/2024	36/2024	Presidency University	http://presidencyuniversity.cc/NIRF 2026/203.pdf
28	202441066020	Published	Dr. Prabhu T	SMART ASSISTIVE DEVICE FOR PHYSICAL MOBILITY FOR INDIVIDUALS WITH VISUAL IMPAIRMENTS	Presidency University, Bangalore	31/08/2024	13/09/2024	37/2024	Presidency University	http://presidencyuniversity.cc/NIRF 2026/204.pdf



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29	202441066021	Published	Dr.Divya Rani	INTEGRATED AQUAPONICS SYSTEM FOR SUSTAINABLE FOOD PRODUCTION	Presidency University, Bangalore	31/08/ 2024	13/09/ 2024	37/2024	Presidency University	http://presidencyuniversity.cc/NIRF 2026/205.pdf
30	202441068158	Published	Mr. Pakruddin B	WHEELCHAIR WITH ATTACHMENT OF B-TYPE OXYGEN CYLINDER FOR COPD PATIENTS	Presidency University, Bangalore	10/09/ 2024	20/09/ 2024	38/2024	Presidency University	http://presidencyuniversity.cc/NIRF 2026/206.pdf
31	202441061453	Published	Sowmyashree T	Redmud based unfired bricks for civil construction	Presidency University, Bangalore	13/08/ 2024	23/08/ 2024	34/2024	Presidency University	http://presidencyuniversity.cc/NIRF 2026/207.pdf
32	202441061452	Published	Sowmyashree T	A NOVEL RED MUD UNFIRED BRICK AND METHOD OF PREPARATION THEREOF	Presidency University, Bangalore	13/08/ 2024	23/08/ 2024	34/2024	Presidency University	http://presidencyuniversity.cc/NIRF 2026/208.pdf
33	202441065196	Published	Dr. Deepjyoti Mech	A System for Estimating Carbon Emission and Offsetting	Presidency University, Bangalore	29/08/ 2024	09/06/ 2024	36/2024	Presidency University	http://presidencyuniversity.cc/NIRF 2026/209.pdf



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34	202441075453	Published	Dr. Sreenivasappa B V	Bi-Directional DC Motor Speed Control Using Single Power Semiconductor and DPDT Switch	Presidency University, Bangalore	05/10/2024	18/10/2024	42/2024	Presidency University	http://presidencyuniversity.cc/NIRF 2026/210.pdf
35	202441072962	Published	Dr.Itagi A Ashok	METHOD FOR ENHANCING HUMAN ENERGY USING CHAKRA SYMBOLS AND COLOURS ON GARMENTS	Presidency University, Bangalore	26/09/2024	10/04/2024	40/2024	Presidency University	http://presidencyuniversity.cc/NIRF 2026/211.pdf
36	202441076211	Published	Dr.Itagi A Ashok	A PROCESS FOR CONTROLLED MEDICINAL RELEASE ONTO SKIN USING TEXTILE AS A CARRIER	Presidency University, Bangalore	08/10/2024	18/10/2024	42/2024	Presidency University	http://presidencyuniversity.cc/NIRF 2026/212.pdf
37	202441075454	Published	Dr. Manikandan M	AUTOMATED BILLING SYSTEM	Presidency University, Bangalore	05/10/2024	18/10/2024	42/2024	Presidency University	http://presidencyuniversity.cc/NIRF 2026/213.pdf



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38	202441095519	Published	Dr. Manikandan M	AN IOT BASED SMART WASTE MANAGEMENT SYSTEM AND ITS METHOD THEREOF	Presidency University, Bangalore	04/12/2024	13/12/2024	50/2024	Presidency University	http://presidencyuniversity.cc/NIRF 2026/214.pdf
39	202441072966	Published	Dr. M. Renuka	AI POWERED LEARNER CENTRIC SYSTEM AND METHOD THEREOF	Presidency University, Bangalore	26/09/2024	10/04/2024	40/2024	Presidency University	http://presidencyuniversity.cc/NIRF 2026/215.pdf
40	202441072971	Published	Dr.G.SHANMUGA RATHINAM	SMART MESH SWITCHING RADIO FREQUENCY (RF) ATTENUATOR SYSTEM AND METHOD THEREOF	Presidency University, Bangalore	26/09/2024	10/04/2024	40/2024	Presidency University	http://presidencyuniversity.cc/NIRF 2026/216.pdf
41	202441083653	Published	Dr. Deepjyoti Mech	Functional Simulation Apparatus for Onshore Drilling Rig Operations	Presidency University, Bangalore	01/11/2024	11/08/2024	45/2024	Presidency University	http://presidencyuniversity.cc/NIRF 2026/217.pdf



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42	202441082307	Published	Dr. L. Shakkeera	Adaptive Privacy-Preserving Framework for Secure Data Collaboration	Presidency University, Bangalore	28/10/2024	11/01/2024	44/2024	Presidency University	http://presidencyuniversity.cc/NIRF 2026/218.pdf
43	202441083656	Published	Dr. L. Shakkeera	Secure Data Transmission System for Sensitive Data in Networked Environments	Presidency University, Bangalore	01/11/2024	11/08/2024	45/2024	Presidency University	http://presidencyuniversity.cc/NIRF 2026/219.pdf
44	202441082308	Published	Dr.Md Shahnawaz Hussain	REAL TIME VISIBILITY OF DUMPER LOAD TO SHOVEL OPERATOR	Presidency University, Bangalore	29/10/2024	11/01/2024	44/2024	Presidency University	http://presidencyuniversity.cc/NIRF 2026/220.pdf
45	202441082306	Published	Dr. L. Shakkeera	AI Privacy Protection with Edge Computing within the V2X Framework	Presidency University, Bangalore	28/10/2024	11/01/2024	44/2024	Presidency University	http://presidencyuniversity.cc/NIRF 2026/221.pdf



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46	202441084957	Published	Sridevi S	Method for Reducing End-to-End Latency in Telemedicine Services Over 5G Networks	Presidency University, Bangalore	06/11/2024	15/11/2024	46/2024	Presidency University	http://presidencyuniversity.cc/NIRF 2026/222.pdf
47	202441086022	Published	Dr. Deepjyoti Mech	A system for Carbon Footprint Assessment and Offset Projection	Presidency University, Bangalore	08/11/2024	15/11/2024	46/2024	Presidency University	http://presidencyuniversity.cc/NIRF 2026/223.pdf
48	202441086023	Published	Dr. Deepjyoti Mech	A PROCESS FOR CLASSIFICATION OF CRUDE OILS	Presidency University, Bangalore	08/11/2024	15/11/2024	46/2024	Presidency University	http://presidencyuniversity.cc/NIRF 2026/224.pdf
49	202441088390	Published	Dr. Deepjyoti Mech	A NOVEL MICROEMULSION SLUG (MES) FOR ENHANCED OIL RECOVERY IN DEPLETED OIL RESERVOIRS	Presidency University, Bangalore	15/11/2024	22/11/2024	47/2024	Presidency University	http://presidencyuniversity.cc/NIRF 2026/225.pdf
50	202441097435	Published	Dr. Deepjyoti Mech	A METHOD FOR THE TREATMENT OF OILFIELD PRODUCED WATER (OPW)	Presidency University, Bangalore	10/12/2024	20/12/2024	51/2024	Presidency University	http://presidencyuniversity.cc/NIRF 2026/226.pdf



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51	202441090304	Published	Dr. Deepjyoti Mech	A METHOD FOR THE TREATMENT OF OILFIELD PRODUCED WATER (OFPW)	Presidency University, Bangalore	21/11/2024	29/11/2024	48/2024	Presidency University	http://presidencyuniversity.cc/NIRF 2026/227.pdf
52	202441087927	Published	Bishakh Paul	AN IoT BASED SYSTEM FOR ANTICIPATING BEARING FAILURES IN MOTORS	Presidency University, Bangalore	13/11/2024	22/11/2024	47/2024	Presidency University	http://presidencyuniversity.cc/NIRF 2026/228.pdf
53	202441087928	Published	Dr. Anand Prakash	DISTRIBUTED RAMAN AMPLIFIER (DRA) SYSTEM AND METHOD THEREOF	Presidency University, Bangalore	13/11/2024	22/11/2024	47/2024	Presidency University	http://presidencyuniversity.cc/NIRF 2026/229.pdf
54	202441087929	Published	Dr. Bharathi D	THERAPEUTIC CARBON QUANTUM DOT (CQD) LASER FOR WOUND HEALING APPLICATIONS	Presidency University, Bangalore	13/11/2024	22/11/2024	47/2024	Presidency University	http://presidencyuniversity.cc/NIRF 2026/230.pdf



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55	202441097434	Published	Dr Jayanthi Kamalasekaran	Smart Wearable Device for Hygiene Management	Presidency University, Bangalore	10/12/2024	20/12/2024	51/2024	Presidency University	http://presidencyuniversity.cc/NIRF 2026/231.pdf
56	202441095520	Published	Dr. L. Shakkeera	System for Monitoring and Controlling Unauthorized Electronic Device Usage in Regulated Environments	Presidency University, Bangalore	04/12/2024	13/12/2024	50/2024	Presidency University	http://presidencyuniversity.cc/NIRF 2026/232.pdf