



PRESIDENCY UNIVERSITY

Presidency University Act, 2013 of the Karnataka Act No. 41 of 2013 | Established under Section 2(f) of UGC Act, 1956
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PATENT DETAILS 2023

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/YY)	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	202341023870	Published	Dr. Kalpajit Hazarika	BAMBOO WASTE AS BIO-SURFACTANT FOR CHEMICAL ENHANCED OIL RECOVERY	Presidency University, Bangalore	30-03-2023	07-04-2023	14/2023	Presidency University	http://presidencyuniversity.cc/NIRF2025/159.pdf
2	202341011754	Published	Mrs. SAMREEN FIZA	Multi-Sensor Medical Image Fusion using Modern Computational Harmonic Analysis with Wave Atoms.	Presidency University, Bangalore	21-02-2023	17-03-2023	011/2023	Presidency University	http://presidencyuniversity.cc/NIRF2025/160.pdf
3	202341026274	Published	Mrs. SAMREEN FIZA	Octave and Level Sampling based Medical Image Registration using Maximum Dominance	Presidency University, Bangalore	07-04-2023	05-05-2023	18/2023	Presidency University	http://presidencyuniversity.cc/NIRF2025/161.pdf
4	202341013449	Published	Dr K Bhanu Rekha	Prediction and Evaluation of epileptic seizures based on the EEG datasets	Presidency University, Bangalore	28-02-2023	17-03-2023	011/2023	Presidency University	http://presidencyuniversity.cc/NIRF2025/162.pdf



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5	202341032802	Published	Ms. Swathi Pai M	AN IoT BASED CONTROLLER ASSISTED SMART BIN	Presidency University, Bangalore	09-05-2023	23-06-2023	25/2023	Presidency University	http://presidencyuniversity.cc/NIRF2025/163.pdf
6	202341032801	Published	Ms. Akshaya M Ganorkar	SELF-POWERED SMART SHOE BASED ASSISTANCE SYSTEM FOR VISUALLY IMPAIRED PERSON USING OBJECT DETECTION	Presidency University, Bangalore	09-05-2023	23-06-2023	25/2023	Presidency University	http://presidencyuniversity.cc/NIRF2025/164.pdf
7	202341026275	Published	Dr. RAJA MOHAN	FLEXIBLE FREESTANDING T13C2TX FOIL AND METHOD OF PREPARATION THEREOF	Presidency University, Bangalore	07-04-2023	05-05-2023	18/2023	Presidency University	http://presidencyuniversity.cc/NIRF2025/165.pdf
8	202341048121	Published	K. Meenakshi	Fuzzy Put Option Pricing using Two-Period Binomial Model and GLOFN	Presidency University, Bangalore	17-07-2023	01-09-2023	35/2023	Presidency University	http://presidencyuniversity.cc/NIRF2025/166.pdf
9	202341026571	Published	Mr. G. TIRUMALA VASU	Multi-focus remote sensing image fusion using boundary discriminative edge preserving filter	Presidency University, Bangalore	10-04-2023	05-05-2023	18/2023	Presidency University	http://presidencyuniversity.cc/NIRF2025/167.pdf
10	202341026570	Published	Mr. G. TIRUMALA VASU	CT and MRI Multi-Modal Medical Image Fusion Using Weight Optimized Anisotropic Diffusion Filtering	Presidency University, Bangalore	10-04-2023	05-05-2023	18/2023	Presidency University	http://presidencyuniversity.cc/NIRF2025/168.pdf



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11	202341035486	Published	Dr. V Joshi Manohar	DESIGN AND IMPLEMENTATION OF AI BASED FAST CHARGER FOR ELECTRIC VEHICLES	Presidency University, Bangalore	22-05-2023	01-09-2023	35/2023	Presidency University	http://presidencyuniversity.cc/NIRF2025/169.pdf
12	202341036389	Published	Dr K Bhanu Rekha	DEEP LEARNING MODEL AUTONOMOUS VEHICLE AND DRIVING ASSISTANT SYSTEMS	Presidency University, Bangalore	25-05-2023	01-09-2023	35/2023	Presidency University	http://presidencyuniversity.cc/NIRF2025/170.pdf
13	202341040770	Published	Dr. V Joshi Manohar	A REAL TIME BATTERY MONITORING SYSTEM	Presidency University, Bangalore	15-06-2023	30-06-2023	26/2023	Presidency University	http://presidencyuniversity.cc/NIRF2025/171.pdf
14	202341040769	Published	Dr. Mohammed Aarif K.O.	A REAL TIME SMART ATTENDENCE SYSTEM	Presidency University, Bangalore	15-06-2023	30-06-2023	26/2023	Presidency University	http://presidencyuniversity.cc/NIRF2025/172.pdf
15	202341046646	Published	Mr. Pakruddin B	OPTIMIZED CNN MODLE FOR FRUIT DISEASE CLASSIFICATION USING NVIDIA JETSON	Presidency University, Bangalore	11-07-2023	01-09-2023	35/2023	Presidency University	http://presidencyuniversity.cc/NIRF2025/173.pdf
16	202341067501	Published	Dr K Bhanu Rekha	ROBOPLANT-ALL PURPOSE PLANTING AND IRRIGATION	Presidency University, Bangalore	09-10-2023	13-10-2023	41/2023	Presidency University	http://presidencyuniversity.cc/NIRF2025/174.pdf
17	202341044121	Published	Ms. Akshaya M Ganorkar	Design and implementation of low power and low area RISC core using Vedic mathematics.	Presidency University, Bangalore	30-06-2023	01-09-2023	35/2023	Presidency University	http://presidencyuniversity.cc/NIRF2025/175.pdf
18	202341058943	Published	Dr. Deepjyoti Mech	Non-Damaging Drilling Fluid via Minimal Biodegradable Sources	Presidency University, Bangalore	02-09-2023	06-10-2023	40/2023	Presidency University	http://presidencyuniversity.cc/NIRF2025/176.pdf



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19	202341058824	Published	Dr. V Joshi Manohar	REAL TIME MONITORING AND PROTECTION OF TRANSFORMER FROM PARTIAL DISCHARGE USING INTELLIGENT SYSTEM	Presidency University, Bangalore	01-09-2023	06-10-2023	40/2023	Presidency University	http://presidencyuniversity.cc/NIRF2025/177.pdf
20	202341068237	Published	Dr. Santhosh Kumar G	Design of Maximum Demand Controller for Domestic Loads for load management A Case study	Presidency University, Bangalore	11-10-2023	20-10-2023	42/2023	Presidency University	http://presidencyuniversity.cc/NIRF2025/178.pdf
21	202341068236	Published	Dr. Anu Sukhdev	Nebivolol hydrochloride-amino acid zwitterionic cocrystals	Presidency University, Bangalore	11-10-2023	20-10-2023	42/2023	Presidency University	http://presidencyuniversity.cc/NIRF2025/179.pdf
22	202341074050	Published	Dr. Vinutha C B	Ultra-Widefield Fundus Fluorescein Angiography Retinal Image Registration using Coherent Pixel Correspondence	Presidency University, Bangalore	31-10-2023	15-12-2023	50/2023	Presidency University	http://presidencyuniversity.cc/NIRF2025/180.pdf
23	202341076764	Published	Mr. G. TIRUMALA VASU	Visible and Infrared Image Fusion using Distributed Anisotropic Guided Filter	Presidency University, Bangalore	09-11-2023	22-12-2023	51/2023	Presidency University	http://presidencyuniversity.cc/NIRF2025/181.pdf
24	202341074051	Published	Mr. G. TIRUMALA VASU	Multi-Exposure Image Fusion using Structural Weights and Visual Saliency Map	Presidency University, Bangalore	31-10-2023	15-12-2023	50/2023	Presidency University	http://presidencyuniversity.cc/NIRF2025/182.pdf



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25	202341076762	Published	Mrs. SAMREEN FIZA	Registration of Multimodal Medical Images using Constraint Least Squares	Presidency University, Bangalore	09-11- 2023	22-12- 2023	51/2023	Presidency University	<a href="http://presidencyuni
versity.cc/NIRF
2025/183.pdf">http://presidencyuni versity.cc/NIRF 2025/183.pdf
26	202341079324	Published	Dr.Arptha G R	Development of Millettia pinnata leaf fiber reinforced alumina/boron nitride filler based polymer composites for printed circuit board application	Presidency University, Bangalore	22-11- 2023	22-12- 2023	51/2023	Presidency University	<a href="http://presidencyuni
versity.cc/NIRF
2025/184.pdf">http://presidencyuni versity.cc/NIRF 2025/184.pdf