SRI RAMAKRISHNA
INSTITUTE OF TECHNOLOGY

INSTITUTION'S
INNOVATION
COUNCIL
(Ministry of Education Initiative)

HUB FOR INNOVATION
AND ENTREPRENEURSHIP



KALAM PROGRAM FOR IP LITERACY AND AWARENESS

2024 – 2026

KAPILA
& IPR CELL

Kalam Program for IP Literacy and Awareness at SRIT: committee, patents, designs, claims and evidence

SRIT IPR Cell · HIVE · Ministry of Education Innovation Cell & AICTE scheme

Sri Ramakrishna Institute of Technology
Autonomous · Approved by AICTE · Affiliated to Anna University, Chennai
Pachapalayam, Perur Chettipalayam, Coimbatore – 641 010

HUB FOR INNOVATION AND ENTREPRENEURSHIP

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SRIT IPR Cell · HIVE · Sri Ramakrishna Institute of Technology, Coimbatore

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KAPILA & THE SRIT IPR CELL – AT A GLANCE

KAPILA (Kalam Program for IP Literacy and Awareness) is a Ministry of Education Innovation Cell (MIC) and AICTE scheme. It reimburses higher-education institutions for the fees of patent and design applications and builds IP awareness on campus. At Sri Ramakrishna Institute of Technology (SRIT), the scheme is run by the **SRIT IPR Cell**, which sits within the Hub for Innovation and Entrepreneurship (**HIVE**). This book records SRIT's KAPILA cycles from 2024 to 2026: the committee, the applications approved, the filings, the registered designs and the reimbursement claims. The original documents are reproduced in Part D.

3
KAPILA Committee meetings: 19 Nov 2024 · 12 Aug 2025 · 29 Aug 2026

44
applications approved by the Committee: 23 patents · 21 designs

10
designs **registered**
by the Patent Office (certificates on file)

6
departments filing patents and designs (Mech, CSE, IT, ECE, EEE, S&H)

₹1,37,260
claimed under KAPILA: ₹1,600 (2024) + ₹1,06,060 (2025) + ₹29,600 (2026)

31
IPR & technology-transfer events in IIC 6.0–8.0 · 1,806 participants

955+
students & faculty trained in IPR in 2024-25 (14 programmes)

2025
SRIT IPR Policy in force from 1 Jan 2025 · KAPILA Committee built into the filing workflow

Approvals by cycle: 1 in 2024 (Automated Intravenous Fluid Dispensing System), 36 in 2025 (16 patents and 20 designs) and 7 in 2026 (6 patents and 1 design). Two ideas reviewed in 2024 were not approved; one of them, the Solar Three-Dimensional Still, was refined and approved in 2025.

PART A – THE SCHEME & THE IPR CELL

KAPILA, the SRIT IPR Cell, the IPR Policy 2025 and the filing workflow

THE KAPILA SCHEME

KAPILA – Kalam Program for IP Literacy and Awareness is an initiative of the Ministry of Education's Innovation Cell (MIC) and AICTE (portal: kapila.mic.gov.in). It reimburses higher-education institutions for the government fees of patent and design applications filed with the Indian Patent Office, and promotes IP literacy among students and faculty.

Financial support (as circulated by SRIT IPR Cell)

- **Patents:** 100% of filing, publication and examination fees, up to ₹8,000 per application (Form 1 ₹1,600 · Form 9 ₹2,500 · Form 18 ₹4,000 for an institute)
- **Designs:** ₹1,000 per design application
- **Ceiling:** up to 100 patents and 20 designs per institution per year
- **Eligibility:** applications filed on or after 1 January 2024

How a claim is made

1. Faculty, students and staff nominate filed applications through the IPR Cell's Google Forms.
2. The institutional **KAPILA Committee** (Principal, IPR expert, incubation head, alumni member, convenor) reviews each application and records Accepted / Rejected in signed minutes.
3. A **Statement of Actual Expenditure** is signed by the Head of Institution and a Chartered Accountant.
4. Minutes, receipts (CBR / e-receipts) and the statement are uploaded to the KAPILA portal.

SRIT's KAPILA cycles

KAPILA 1.0 (2024-25)	19 Nov 2024 · online	3 patents	1 patent	₹1,600
KAPILA 2.0 (2025-26)	12 Aug 2025 · hybrid	16 patents · 21 designs	16 patents · 20 designs	₹1,06,060
KAPILA under IIC 8.0 (2026-27)	29 Aug 2026 · Google Meet	7 applications	6 patents · 1 design	₹29,600
Total	**3 meetings**	**47**	**44**	**₹1,37,260**

The 2024 claim was for patent application 202441089686 (Form 1). The 2025 claim covers 16 patents (₹86,060) and 20 designs (₹20,000). The 2026 claim covers 6 patents (₹28,600) and 1 design (₹1,000), certified by CA Sandeep Suresh (M. No. 225985). (Proofs D3, D5, D7)

THE SRIT IPR CELL

The **SRIT IPR Cell** is SRIT's intellectual-property and technology-transfer centre. It is registered as an I&E facility under NISP and runs inside HIVE, the Hub for Innovation and Entrepreneurship. It handles invention disclosures, prior-art searches, drafting support, filing with the Indian Patent Office (Chennai), KAPILA nominations and claims, portal entries for the Ministry of Education and IIC ratings, and IPR awareness programmes.

Chairperson	Dr. J. David Rathnaraj, Principal	Policy oversight, strategic direction; chairs the KAPILA Committee and signs the claims
Coordinator	Mr. R. Immanual, AP / Mechanical (HIVE In-charge)	Operations, filings, inventor support; KAPILA convenor and single point of contact
Co-coordinator	Ms. N. Sanjana, AP / CSE	Nominations, forms and patent-office visits
IPR expert	Dr. Anitha Kumari K, Patent Agent, PSG College of Technology	Patentability and novelty evaluation
Incubation expert	Dr. K. N. Thirukkuralkani, Incubation Head, SREC SPARK Incubation Foundation	Patent validation, industry problem statements, joint patents
Alumni / industry member	Ms. Sathya J, alumna (Protiviti India; now KPMG Bangalore)	Market potential, social-impact problem statements
Patent attorney	R. K. Dewan & Co. (empanelled)	Professional drafting, filing and prosecution

What the IPR Cell does

- Circulars calling for nominations, with Google Forms for patents and designs (e.g. Ref. HIVE/KAPILA/2025-26/02, 4 Aug 2025)
- Group visits to the Indian Patent Office, Chennai for filing (e.g. 26 Feb 2026, utility patents)
- Sample patent forms and templates (Forms 1, 2, 3, 5, 9, 18, 28) shared with all departments
- KAPILA portal data entry for MoE records and IIC ratings (Design / Utility drives, Aug 2026)
- Liaison with KAPILA support on portal issues (Aug 2026)
- Sharing the CGPDTM *Guidelines for the Use of AI in Patent Examination* with faculty (Aug 2026)

SRIT INTELLECTUAL PROPERTY RIGHTS POLICY

Effective **1 January 2025**, the policy applies to all faculty, research scholars, students, staff, visiting faculty and industry collaborators. It covers patents, designs, copyrights, trademarks and trade secrets. **Vision:** to be a leading IP-generating institution fostering an innovation culture and entrepreneurship. **Mission:** to protect, promote and commercialise innovations for societal benefit and economic growth.

Ownership

Using institutional resources	Institution	40% of net revenue
Sponsored research	As per agreement	As per contract
Without institutional resources	Inventor	100%
Guided student projects	Joint	30% shared

Revenue sharing

40% inventor(s)	Paid directly after cost recovery
60% institution	IPR Cell operations 20% · department fund 20% · institutional development 20%

Institutional support

- 100% of filing costs, attorney fees, maintenance fees and prior-art searches
- IPR awareness workshops, patent drafting and IP search training, commercialisation guidance

Inventor responsibilities

- Disclose inventions within 30 days of conception
- Keep the invention confidential before filing
- Maintain lab notebooks and records; help with drafting and prosecution

Disputes

IPR Cell Coordinator mediation → **KAPILA Committee** decision → arbitration under the Indian Arbitration Act. The policy is reviewed every year.

Patent filing workflow

1 · Disclosure
Form to the IPR Cell

2 · Evaluation
Prior-art search, patentability (7–10 days)

3 · KAPILA Committee
Novelty, commercial potential (15–30 days)

4 · Drafting & filing
Patent attorney (30–45 days)

5 · Prosecution
Examiner replies to grant (18–36 months)

PART B – KAPILA COMMITTEE MEETINGS

Three meetings, 47 applications reviewed and 44 approved

KAPILA 1.0 – COMMITTEE MEETING, 19 NOVEMBER 2024

The first KAPILA Committee meeting was held online at SRIT on **19 November 2024**, from 3.00 pm to 4.00 pm, chaired by Dr. J. David Rathnaraj, to approve shortlisted applications for filing as patents under the KAPILA scheme. *(Proof D2)*

1	**Dr. J. David Rathnaraj**	Chairperson	Sri Ramakrishna Institute of Technology
2	**Ms. Sathya J**	Institute alumna	Protiviti India Member Pvt. Ltd.
3	**Dr. K. N. Thirukkuralkani**	Incubation Head	SREC SPARK Incubation Foundation
4	**Dr. Anitha Kumari K**	IPR expert, Patent Agent	PSG College of Technology
5	**Mr. R. Immanual**	Faculty member, Convenor & Single Point of Contact	Sri Ramakrishna Institute of Technology

Applications reviewed

1	A Solar Based Three-Dimensional Still	Immanual Rajkumar (faculty)	Mechanical	Rejected in this cycle; approved in 2025
2	REWASHX	Immanual Rajkumar, Ms. N. Sanjana	CSE	Rejected
3	**Automated Intravenous Fluid Dispensing System**	Ms. D. Poornima	EEE	**Accepted**

Outcome and claim

One application was finalised for submission. SRIT then filed a **Statement of Actual Expenditure** dated 20 Nov 2024 for patent application **202441089686**: filing fee ₹1,600, signed by the Principal and the Head Accountant (Mr. R. Kannan). *(Proof D3)*

KAPILA 2.0 – COMMITTEE MEETING, 12 AUGUST 2025

The circular **Ref. HIVE/KAPILA/2025-26/02** (4 Aug 2025) invited nominations of patents and designs filed on or after 1 January 2024, by 11 August 2025. *(Proof D1)* The **Second SRIT KAPILA Committee Meeting** was held in hybrid mode on **12 August 2025**, from 4.00 pm to 5.00 pm, chaired by the Principal, with the same five members as in 2024. It was recorded on Otter.ai and on video. *(Proof D4)*

37
applications evaluated: 16 utility patents · 21 designs

36
approved: 16 patents · 20 designs

6
departments: Mech, S&H, CSE, IT, ECE, EEE

Committee recommendations

- **Patent search:** use subscription-based search tools (e.g. Questel Orbit, Excel Scout) for thorough prior-art searches – *Dr. Anitha Kumari K*
- **Validation & industry:** validate patents, and foster industry partnerships and joint patents for technology transfer – *Dr. K. N. Thirukkuralkani*
- **Quality:** maintain high standards and uniqueness across SRIT's patent portfolio

Department-wise approvals

Mechanical Engineering	5	12	17
Science & Humanities	5	1	6
Information Technology	3	0	3
Computer Science & Engineering	2	3	5
Electronics & Communication Engineering	1	3	4
Electrical & Electronics Engineering	0	1	1
Total	**16**	**20**	**36**

The Fusion Holder design was approved; a handwritten note on the minutes marks its filing as "failed", and it was later re-filed (468221-001, 1 Aug 2025).

Patent applications approved – 12 Aug 2025 (16)

1	Portable Electric Massager	U. Elakkiya (student)	IT
2	Smart Grocery Container	Jebamaniraj Mala	IT
3	Smart Bucket Queue System	Vijayakumar Preetha	CSE
4	Portable Electric Floor Dryer	Dr. M. Kalpana Devi	IT
5	Passive Thermal Management System using Optimised Microchannel Architecture and Capillary-Driven Fluid Flow	Dr. S. Anne Susan Georgena	S&H
6	Real-time Adaptive Traffic Flow Management using Stochastic Mathematical Models	Dr. S. Nagarani	S&H
7	Dynamic Mathematical Modelling and Simulation Platform for Epidemic Prediction and Control	Dr. S. Nagarani	S&H
8	Unconventional Solutions to Nonlinear Fractional Shock Wave Equations by Combining Two Numerical Techniques	Dr. S. Nagarani	S&H
9	Quantum Cryptography for Secure Cloud Computing Applications	Mrs. G. Sudha, Dr. S. Nagarani	S&H
10	Acoustic Battery Cooling System with AI-Controlled Frequency Optimisation	R. Immanual, N. Sanjana	Mech
11	Deep Learning-based Image Captioning using Feedback-Augmented CNN and Ranked LSTM	Dr. B. S. Revathi	CSE
12	A Smart Bongo Therapy System for Autism Sensory-Motor Rehabilitation	R. Immanual	Mech
13	An Assistive Writing System for Children with Specific Learning Disabilities	R. Immanual	Mech
14	Visual Intelligence System for Transparent Analysis and Advanced Metal Scrap Classification using XAI	R. Immanual	Mech
15	A Solar Based Three-Dimensional Still	R. Immanual	Mech
16	Image Semantic Segmentation using AI Algorithm	Dr. L. Malathi	ECE

Lead inventors are shown; co-inventors (students and faculty) are listed in the minutes. (Proof D4)

Design applications approved – 12 Aug 2025 (20)

1	Fingerprint Based Car Ignition System	Dr. S. Mary Praveena	ECE
2	Vending Based Printing Machine	Jayanthi A. N.	ECE
3	Fusion Holder	R. Immanual	Mech
4	Smart Dustbin	Dr. S. Anila	ECE
5	Solar Still with Wiper	R. Immanual	Mech
6	Leaf Database Collection System	R. Immanual	Mech
7	Coconut Holder for Image Acquisition	R. Immanual	Mech
8	Mushroom Cultivation Holder	R. Immanual	Mech
9	3D Printing Machine Beam with Camera Holder	R. Immanual	CSE
10	Drone Chassis with Robotic Arm	R. Immanual	Mech
11	Washroom Cleaning Robot	Dr. Sangeetha Shanmugam	EEE
12	Mobile Robot Chassis with Robotic Arm	N. Sanjana	CSE
13	SmartShield: Camera-Integrated Mudguard for Real-time Tyre Pressure Monitoring in EVs	R. Immanual	Mech
14	Water Tap with Lamp Holder	R. Immanual	Mech
15	Bi-Fluid Evacuated Tube Collector	R. Immanual	Mech
16	Go-Kart Chassis	R. Immanual	Mech
17	Spiral Flow Bi-Fluid Photovoltaic Thermal Collector	R. Immanual	Mech
18	Floating Solar Still	R. Immanual	Mech
19	AI Based Customer Service Chatbot	Dr. M. Kalpana Devi	CSE
20	Sun Light Tracking Solar Panel System	Dr. R. Dharma Prakash	S&H

Mr. R. Immanual is lead creator on 13 of the 20 designs and co-creator on several more; Ms. N. Sanjana is a co-inventor on 13 applications.

KAPILA UNDER IIC 8.0 – MEETING, 29 AUGUST 2026

The IPR Cell asked faculty on 12 Aug 2026 to enter all designs, utility patents and copyrights filed since June 2026 on the KAPILA portal, for Ministry of Education records and IIC ratings. The **SRIT–KAPILA Committee Meeting under IIC 8.0** was then held online on Google Meet on **29 August 2026**, chaired by Dr. J. David Rathnaraj, with Dr. Anitha Kumari K (PSG), Dr. K. N. Thirukkuralkani (SREC SPARK), Ms. Sathya J (KPMG Bangalore) and Mr. R. Immanual (Convenor). *(Proof D6)*

1	AI-Based Engineering Drawing Dimension Identification and Part-Dimension Correlation System	Dr. R. Kumar	Patent	202641082841
2	AI-Based Automatic Visual Inspection System for Small-Scale MSME Manufacturing	R. Immanual	Patent	202641057635
3	Augmented Reality Based Intelligent Assembly Guidance and Torque Monitoring System for Industrial Valve Manufacturing	R. Immanual	Patent	202641039458
4	AI-Based Acoustic Anomaly Detection and Remaining Useful Life Estimation for Predictive Maintenance	R. Immanual	Patent	202641087844
5	A Technical Heuristic Computing Engine for Large-Scale Combinatorial Optimisation	Dr. S. Nagarani	Patent	202641071140
6	Extended Reality Teleoperation System with 360° Video Streaming and Digital Twin Monitoring	Ms. N. Sanjana	Patent	202641034420
7	Mathematical Model Analysing Device	Dr. S. Nagarani	Design	489606-001

Guidelines and action points circulated to faculty (29 Aug 2026)

- **AI in patent drafting:** follow the CGPDTM *Guidelines for the Use of AI in Patent Examination Procedures* before using AI tools for search or drafting; share them with student teams – *Dr. Anitha Kumari K*
- **Targets:** set a ceiling or target number of patent and design filings for each department
- **Industry problem statements:** source them for joint patents with industry partners, under an NDA – *Dr. K. N. Thirukkuralkani*
- **Hackathons and hardware projects:** screen their outcomes for patentability and file where feasible
- **Social impact:** use society-based problems as a source of future patents – *Ms. Sathya J*

PART C – FILINGS, REGISTRATIONS & CLAIMS

Patent and design filing register, registered designs, reimbursement statements and IPR events

PATENT FILING REGISTER – KAPILA 2.0 CLAIM

Fees (₹) as entered in the Statement of Actual Expenditure (Proof D5) and the Patent Office receipts (Proof D9). F1 = filing fee (Form 1); F18 = examination (Form 18); F9 = early publication (Form 9).

202541072810	Portable Electric Massager	31 Jul 2025	1,750	4,400	—	**6,150**
202541072809	Smart Grocery Container	31 Jul 2025	1,750	4,400	—	**6,150**
202541072713	Smart Bucket Queue System	31 Jul 2025	1,750	4,400	2,750	**8,900**
202541072801	Portable Electric Floor Dryer	31 Jul 2025	1,750	4,400	—	**6,150**
202541072731	Passive Thermal Management System (microchannel)	31 Jul 2025	1,750	4,400	2,750	**8,900**
202441046400	Dr. S. Nagarani – mathematical-modelling patent	16 Jun 2024	1,600	—	2,500	**4,100**
202441046401	Dr. S. Nagarani – mathematical-modelling patent	16 Jun 2024	1,600	—	2,500	**4,100**
202441009708	Dr. S. Nagarani – mathematical-modelling patent	13 Feb 2024	1,600	—	2,500	**4,100**
202441042650	Quantum Cryptography for Secure Cloud Computing	31 May 2024	1,750	—	—	**1,750**
202541072831	Acoustic Battery Cooling System (AI-controlled)	31 Jul 2025	1,750	4,400	—	**6,150**
202541069129	Image Captioning (Feedback-Augmented CNN, Ranked LSTM)	20 Jul 2025	1,600	—	2,500	**4,100**
202541072817	Smart Bongo Therapy System for Autism	31 Jul 2025	1,750	4,400	—	**6,150**
202541068351	Assistive Writing System for Children with SLD	17 Jul 2025	3,360	4,000	2,500	**9,860**
202541069954	Visual Intelligence System – Metal Scrap Classification (XAI)	23 Jul 2025	1,750	4,400	—	**6,150**
202541068351*	Assistive Writing System – additional filing fee	17 Jul 2025	1,600	—	—	**1,600**
202441027699	Patent filed through R. K. Dewan & Co.	3 Apr 2024	1,750	—	—	**1,750**
Total patent fees claimed – KAPILA 2.0 (16 entries)						**₹86,060**

*Most filings were made in person at the Patent Office, Chennai on 31 Jul 2025 (Form 1, 2, 3, 5, 18 and, for two, Form 9). The three 2024 applications by Dr. S. Nagarani cover traffic-flow, epidemic and fractional shock-wave modelling; the receipts do not state which number belongs to which title. * Entry 15 repeats application 202541068351 in the statement as filed.*

DESIGN FILING REGISTER – KAPILA 2.0 CLAIM

Design applications filed online by the IPR Cell (user IMMANUAL R) and claimed at ₹1,000 each. Dates are from the CBR receipts (Proof D10).

1	464815-001	Fingerprint Based Car Ignition System	07 Jul 2025	1,000
2	462448-001	Vending Based Printing Machine	16 Jun 2025	1,000
3	468221-001	Fusion Holder	01 Aug 2025	1,000
4	458392-001	Smart Dustbin	10 May 2025	1,000
5	458170-001	Solar Still with Wiper	08 May 2025	1,000
6	457557-001	Leaf Database Collection System	04 May 2025	1,000
7	457528-001	Coconut Holder for Image Acquisition	03 May 2025	1,000
8	457572-001	Mushroom Cultivation Holder	04 May 2025	1,000
9	441313-001	3D Printing Machine Beam with Camera Holder	19 Dec 2024	1,000
10	426189-001	Drone Chassis with Robotic Arm	08 Aug 2024	1,000
11	430581-001	Washroom Cleaning Robot	15 Sep 2024	1,000
12	427174-001	Mobile Robot Chassis with Robotic Arm	15 Aug 2024	1,000
13	446999-001	SmartShield Camera-Integrated Mudguard (EV)	05 Feb 2025	1,000
14	417374-001	Water Tap with Lamp Holder	19 May 2024	1,000
15	410522-001	Floating Solar Still	14 Mar 2024	1,000
16	410326-001	Bi-Fluid Evacuated Tube Collector	13 Mar 2024	1,000
17	411354-001	Go-Kart Chassis	22 Mar 2024	1,000
18	410220-001	Spiral Flow Bi-Fluid PV Thermal Collector	12 Mar 2024	1,000
19	441933-001	AI Based Customer Service Chatbot	Dec 2024	1,000
20	421045-001	Sun Light Tracking Solar Panel System (class 13-04)	2024	1,000
Total design fees claimed – KAPILA 2.0 (20 designs)				**₹20,000**

2026 FILINGS – KAPILA UNDER IIC 8.0

Six patents were e-filed by the IPR Cell between March and July 2026 (receipts in Proof D11), plus one design. The claim is certified by CA Sandeep Suresh (M. No. 225985). *(Proof D7)*

202641034420	XR Teleoperation System with 360° Video & Digital Twin	21 Mar 2026	Form 1 ₹1,600 · Form 9 ₹2,500 · Form 18 ₹4,000	**8,100**
202641039458	AR Assembly Guidance & Torque Monitoring (valves)	30 Mar / 7 Apr 2026	Form 1 ₹1,600 · Form 9 ₹2,500	**4,100**
202641057635	AI Visual Inspection for MSME Manufacturing	6 May / 8 Jun 2026	Form 1 ₹1,600 · Form 9 ₹2,500	**4,100**
202641071140	Heuristic Computing Engine – Combinatorial Optimisation	8 Jun 2026	Form 1 + Form 9	**4,100**
202641082841	AI Engineering Drawing Dimension Identification	6 / 9 Jul 2026	Form 1 ₹1,600 · Form 9 ₹2,500	**4,100**
202641087844	AI Acoustic Anomaly Detection & RUL (Predictive Maintenance)	17 / 20 Jul 2026	Form 1 ₹1,600 · Form 9 ₹2,500	**4,100**
Design 489606-001 – Mathematical Model Analysing Device				₹1,000
Total claimed – 2026 cycle (6 patents + 1 design)				**₹29,600**

Status of the 2026 portfolio

6
patents filed and published early (Form 9)

1
patent with examination already requested (Form 18 – XR teleoperation)

4
patents tied to MSME / industry problems (inspection, AR assembly, drawings, maintenance)

REGISTERED DESIGNS – CERTIFICATES OF REGISTRATION

Ten SRIT designs carry a **Certificate of Registration of Design** from the Patent Office, Government of India. The date shown is the registration (filing) date; certificates are issued later (e.g. 28 Mar 2025 for 441313-001). Certificates are reproduced in Proof D8.

1	**3D Printing Machine Beam with Camera Holder**	441313-001	19 Dec 2024	15-09
2	**Go-Kart Chassis**	411354-001	22 Mar 2024	12-16
3	**IoT-Enhanced City Surveillance and Monitoring Device**	419086-001	05 Jun 2024	10-05
4	**Washroom Cleaning Robot**	430581-001	15 Sep 2024	07-05
5	**Smart Farming Device to Analyse Soil and Air Quality**	394438-001	04 Sep 2023	10-05
6	**Bongos Sensor Stand**	410458-001	14 Mar 2024	17-04
7	**Bongos with Mobile Stand**	399214-001	04 Nov 2023	17-04
8	**Starch Strainer**	388316-001	14 Jun 2023	07-04
9	**Water Tap with Cup Holder**	405437-001	23 Jan 2024	23-01
10	**Solar Still**	336830-001	26 Dec 2020	23-01



441313-001



411354-001



419086-001



430581-001



394438-001



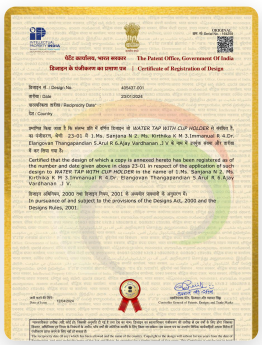
410458-001



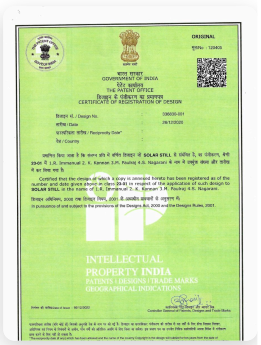
399214-001



388316-001



405437-001



336830-001

The Solar Still (2020) design is by R. Immanual, K. Kannan, M. Paulraj and S. Nagarani. Three registered designs – 3D Printing Beam, Go-Kart Chassis and Washroom Cleaning Robot – are also part of the KAPILA 2.0 claim.

KAPILA REIMBURSEMENT CLAIMS

KAPILA 1.0 · 2024	**₹1,600**
KAPILA 2.0 · patents	**₹86,060**
KAPILA 2.0 · designs	**₹20,000**
2026 · patents	**₹28,600**
2026 · design	**₹1,000**

KAPILA 1.0 – filed patent application (private institute format)	20 Nov 2024 · Principal & Head Accountant	202441089686, filing fee	₹1,600
KAPILA 2.0 – filed patent applications	2025 · Principal & Chartered Accountant	16 patent entries	₹86,060
KAPILA 2.0 – filed design applications	2025 · Principal & Chartered Accountant	20 designs × ₹1,000	₹20,000
IIC 8.0 cycle – patents and design	2026 · CA Sandeep Suresh (M. No. 225985)	6 patents + design 489606-001	₹29,600
Total claimed under KAPILA, 2024–2026			**₹1,37,260**

Institute identifiers used on every claim: Permanent ID 1-7841521 · AISHE code C-37032. The IPR Cell's overall IPR investment in 2024-25 was ₹2,77,587 (SRIT IPR Cell Annual Report 2024-25), of which the KAPILA claims recover the government fees.

IPR AWARENESS & CAPACITY BUILDING

1

IPR & technology-transfer event · 2023-24 (IIC 6.0) · 40 participants

14

IPR events · 2024-25 (IIC 7.0) · 923 participants

16

IPR events · 2025-26 (IIC 8.0) · 843 participants

The IPR Cell Annual Report 2024-25 records **14 training programmes** with **955+ participants** (874 students, 81 faculty): IPR basics, patent drafting, prior-art search, design registration and commercialisation.

Selected IPR sessions – IIC 8.0 (2025-26)

24 Jan 2026	Awareness on the Constitution of India, Electoral System and Intellectual Property	Ms. S. Reena, Coimbatore District Court	71
29 Apr 2026	Workshop: Protecting IPR and IP Management for Start-ups	Mr. Gokulraj G, Endless Xplorers	53
11 Jul 2026	From Friction to Fuel: Knowledge Transfer for Transforming Healthcare	Mr. Senthoor Balan, SRIT	44
24 Aug 2026	India's IPR Policy for Start-ups, Inventors & Innovators	Prof. (Dr.) Unnat P. Pandit, Government of India	81
26 Feb 2026	Group filing visit to the Indian Patent Office, Chennai (KAPILA 3.0, utility patents)	SRIT IPR Cell	–



Constitution, elections & IP awareness



Protecting IPR for start-ups



India's IPR Policy – Prof. Unnat P. Pandit

INNOVATORS, DOMAINS & THE ROAD AHEAD

Leading innovators (KAPILA 2024–2026)

Mr. R. Immanual (Mech)	21
Dr. S. Nagarani (S&H)	5
Ms. N. Sanjana (CSE)	2 lead · 15+ co-inventor
Dr. M. Kalpana Devi (IT / CSE)	2
Other faculty / student leads (14)	14

Technology domains

- Renewable energy & water (solar stills, PV-thermal, tracking)
- AI, computer vision & XR (inspection, captioning, segmentation, teleoperation)
- Robotics, drones & automotive (chassis, EV mudguard, go-kart)
- Healthcare & assistive technology (bongo therapy, writing aid, massager, IV fluid)
- Mathematical modelling & quantum security
- Smart home, agriculture & IoT

Targets for the next cycle

- Department-wise ceiling / target for patent and design filings (Committee, 29 Aug 2026)
- Joint patents with industry partners on real problem statements, under NDAs
- Screen every hackathon, MSME Idea Hackathon and hardware-project outcome for patentability
- Request examination (Form 18) for the five remaining 2026 patents
- Raise design registrations beyond the current 10 certificates
- Use subscription prior-art tools and the CGPDTM AI guidelines in drafting
- Link granted IP to start-ups at SISH and to technology transfer

Contact – SRIT IPR Cell

Mr. R. Immanual (Coordinator) · Ms. N. Sanjana (Co-coordinator)
hive@sritcbe.ac.in · HIVE, Sri Ramakrishna Institute of Technology, Coimbatore – 641 010

PART D – PROOFS

Circular, signed minutes, statements of expenditure, registration certificates and Patent Office receipts

INDEX OF PROOFS

D1	IPR Cell circular – nomination of patents/designs for KAPILA 2025-26 (Ref. HIVE/KAPILA/2025-26/02, 4 Aug 2025)	1	24
D2	Minutes of the KAPILA Committee meeting – 19 Nov 2024	3	25
D3	Statement of actual expenditure – KAPILA 1.0 (20 Nov 2024)	1	28
D4	Minutes of the Second KAPILA Committee meeting – 12 Aug 2025 (signed)	16	29
D5	Statement of actual expenditure – KAPILA 2.0 patents (₹86,060) & designs (₹20,000)	2	45
D6	Minutes of the KAPILA Committee meeting under IIC 8.0 – 29 Aug 2026	4	47
D7	Statement of expenditure – 2026 cycle, certified by CA Sandeep Suresh	1	51
D8	Certificates of registration of design (10)	5	52
D9	Patent Office receipts – patents in the KAPILA 2.0 claim	8	57
D10	CBR receipts – design applications in the KAPILA 2.0 claim	10	65
D11	e-Filing receipts – 2026 patents (Forms 1, 9 and 18)	6	75

Documents are reproduced as issued. Receipts are shown two to a page. The 2025 minutes (D4) are landscape tables, rotated to fit the page. The originals are on file with the SRIT IPR Cell / HIVE. A rail-travel e-ticket for the Patent Office visit is held on file but not reproduced.

SRI RAMAKRISHNA INSTITUTE OF TECHNOLOGY-641010

[Educational Service: SNR Sons Charitable Trust]
[Autonomous Institution, Reaccredited by NAAC with 'A' Grade]
[Approved by AICTE New Delhi, Permanently Affiliated to Anna University, Chennai]

04.08.2025

IPR CELL-SRIT

CIRCULAR

Ref No: HIVE/KAPILA/2025-26/02

Subject: Nomination of Patents/Designs for KAPILA Scheme 2025-26

KAPILA (Kalam Program for IP Literacy and Awareness) is a government initiative by MIC & AICTE that provides financial reimbursement for patent and design filing fees to Higher Education Institutions. The scheme offers up to ₹8,000 per patent application (filing, publication & examination fees) and ₹1,000 per design application, with a maximum of 100 patents and 20 designs per institution annually. This program aims to create awareness about intellectual property filing and establish a robust IP ecosystem in educational institutions.

All faculty members, students, and staff who have filed Patents or Designs with the Indian Patent Office on or after 1st January 2024 are hereby requested to nominate their applications for the KAPILA scheme by filling the respective forms on or before 11th August 2025. Our institutional KAPILA Committee meeting is scheduled for 12th August 2025 to evaluate and select eligible applications for reimbursement claims under this scheme. Your active participation and timely submission of nominations will enable our institution to maximize the benefits of this valuable government initiative and support our innovation ecosystem.

Submission Links:

- For Design Applications: https://forms.gle/TjM9L7J2qLaCSuUj8
- For Patent Applications: https://forms.gle/EGXgYeMP5cN2DGiY8

Contact Information: For clarifications, contact Mr. R. Immanual or Ms. N. Sanjana at 9677817992 or hive@sritcbe.ac.in. Detailed KAPILA scheme guidelines are available at https://kapilamic.blob.core.windows.net/kapilamic/static/documents/KAPILA_Scheme_Document.pdf. For more details visit: https://mic.gov.in/KAPILA

Note: This participation is mandatory and requires utmost priority from all faculty members.

[R. IMMANUAL] [Sanjana, N]

Principal 4/8/25

Minutes of KAPILA Committee Meeting

The Committee meeting was held in the Online Mode at Sri Ramakrishna Institute of Technology on 19 th November 2024 from 03.00 pm to 04.00 pm under the Chairmanship of Dr.J.David Rathnaraj, for approving the shortlisted application to be filed as patents under the KAPILA scheme.

The following members of the committee attended the meeting (Committee formed as per the KAPILA guidelines) :

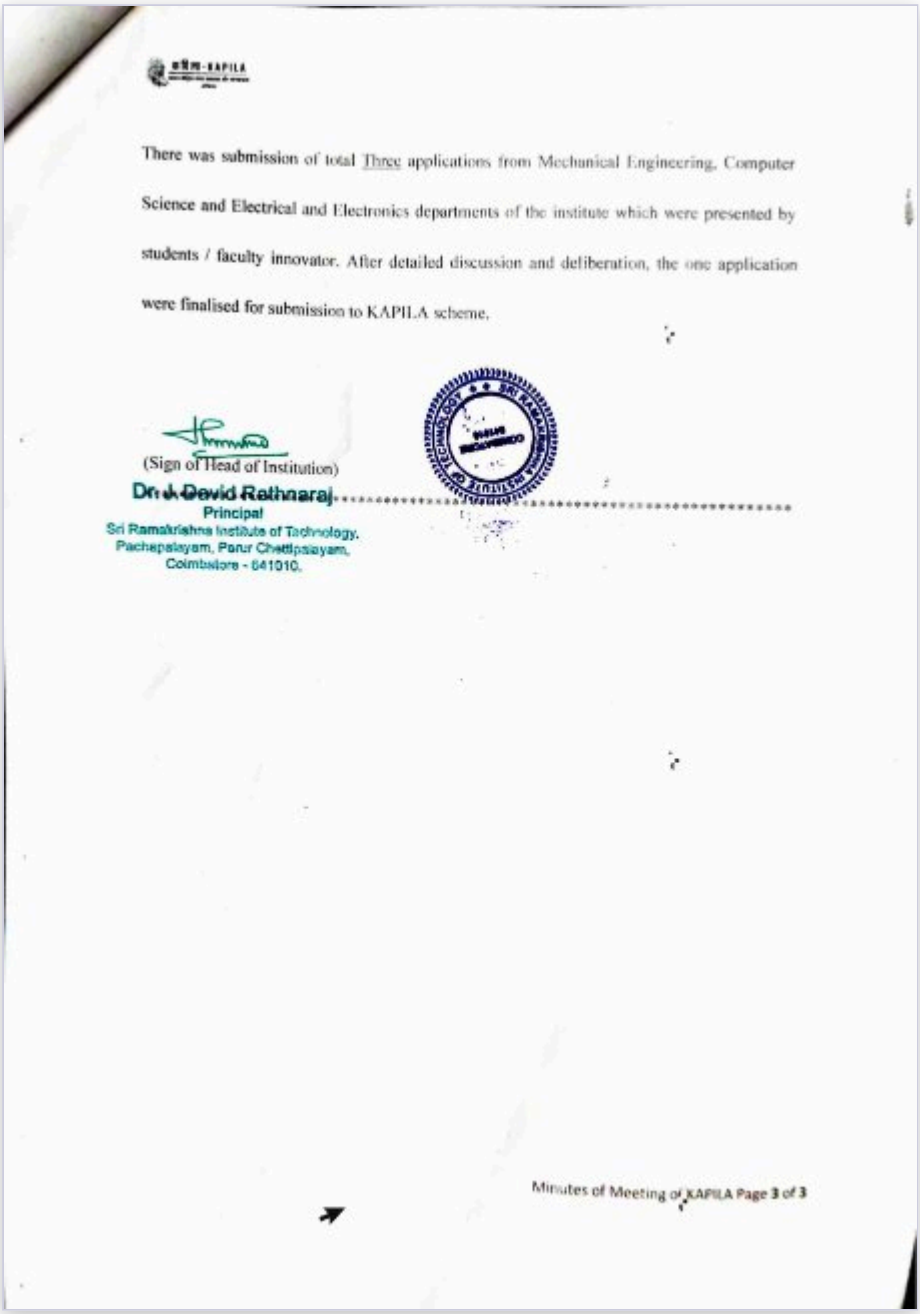
Sl. No.	Name	Designation	Insitute Name/Company name	Contact No.	Email Address	Signature
1	Dr.J.David Rathnaraj	**Chairperson**	Sri Ramakrishna Institute of Technology	+91 9487846981	Principal @srit.org	
2	Sathya J	**Institute alumni**	Protiviti - India Member Private Limited	+91 8489333555	Sathyajass2002@ gmail.com	
3	Dr. K.N. Thirukkuralkani	**Incubation Head**	Incubation Manager at SREC SPARK INCUBATION FOUNDATION	+91 9444768586	thirukkuralkani@ gmail.com	

KAPILA

4	Dr Anitha Kumari K	**IPR expert**	Patent Agent, PSG College of Technology	+91 9842525820	kak.i @psgtech.ac.in	
5	Mr R Immanual	**Faculty Member (Convenor Single Point of Contact)**	Sri Ramakrishna Institute of Technology	+91 9677817992	immangwu @gmail.com	

The following applications have been identified for submission; (Expand table as per the number of all submitted patents).

Si. No.	Title of ideas	Inventor Name (Mention whether faculty or student)	Co-Inventor Name	Department	Contact No.	Email	Accepted (A) / Rejected (R)
01	A SOLAR BASED THREE-DIMENSIONAL STILL	IMMANUAL RAJKUMAR/Faculty		Mechanical Engineering	9677817992	Immanual.me @srit.org	R
02	REWASHX	IMMANUAL RAJKUMAR/Faculty	Ms N Sanjana	Computer Science	9677817992	Immanual.me @srit.org	R
03	AUTOMATED INTRAVENOUS FLUID DISPENSING SYSTEM	Poornima D		Electrical and Electroniocs	+91 93610 39940	poornima.eee @srit.org	A



There was submission of total Three applications from Mechanical Engineering, Computer Science and Electrical and Electronics departments of the institute which were presented by students / faculty innovator. After detailed discussion and deliberation, the one application were finalised for submission to KAPILA scheme.

(Sign of Head of Institution)

Dr. J. Devid Rathnaraj
Principal
Sri Ramakrishna Institute of Technology,
Pachapalayam, Perur Chettipalayam,
Coimbatore - 641010.

Minutes of Meeting of KAPILA Page 3 of 3

KAPILA SCHEME

STATEMENT OF ACTUAL EXPENDITURE
FOR CLAIMING THE REIMBURSEMENT FOR THE FILED PATENT APPLICATION
(for Private Institute)

Permanent ID of Institute	1-7841521
AISHE Code of Institute	c-37032
Name and address of the Institute	**Sri Ramakrishna Institute of Technology** Pachapalayam (Post), Perur Chettipalayam, Coimbatore - 641 010, INDIA
Name of Head of Institute	Dr. J. David Rathnaraj
Mobile No.	+91 99440 25671
Landline No.	+91-422-2605577
Email id :	principal@srit.org

EXPENDITURE DETAILS FOR FILED PATENT APPLICATION

S. No.	Patent Application No. (As per Indian Patent Office Record)	Patent Application filing fee	Patent Application Examination fee	Amount (in Rs.)
1.	**202441089686**	Rs 1600/-	NA	Rs 1600/-
			Total	Rs 1600/-
(In words) Rs. One Thousand Six Hundred Only				

1 20/11/24
(Signature of Head of Institute with seal)
Name : Dr. J. David Rathnaraj
Designation : Principal

Date: 20/11/2024

2 20/11/24
(Signature of Head Accountant)
Name : Mr R Kannan

कपिला-KAPILA

Minutes of KAPILA Committee Meeting

The Committee meeting was held in the Hybrid mode at **Sri Ramakrishna Institute of Technology** on **12/08/2025** from 04:00 pm to 05:00 pm under the Chairmanship of **Dr J David Rathnaraj**, for approving the shortlisted application to be filed as patents under the KAPILA scheme.

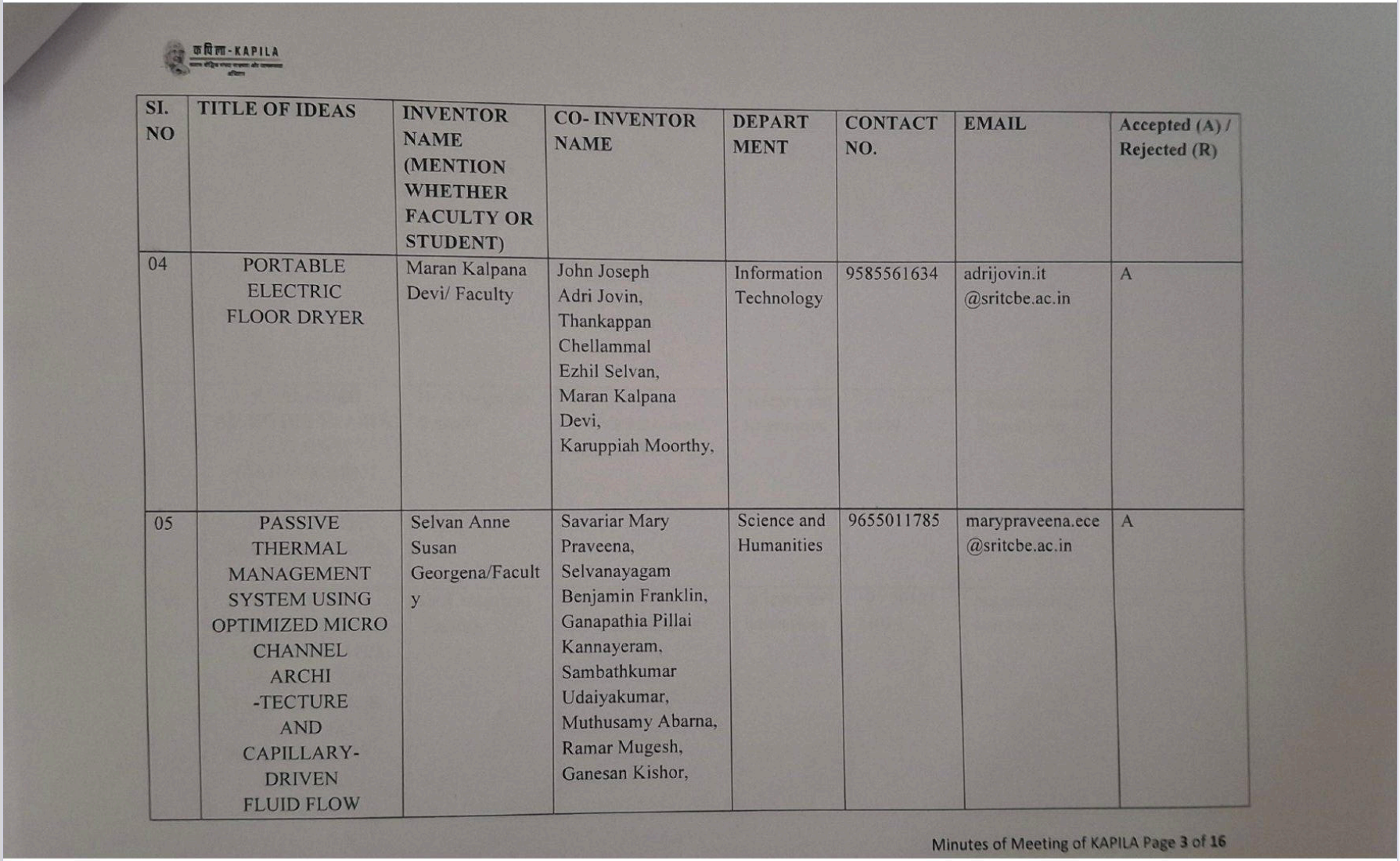
The following members of the committee attended the meeting (Committee formed as per the KAPILA guidelines) :

Sl. No.	Name	Designation	Insitute Name/Company name	Contact No.	Email Address	Signature
1	Dr.J.David Rathnaraj	Chairperson	Sri Ramakrishna Institute of Technology	+91 9487846981	Principal@srit.org	
2	Sathya J	Institute alumni	Protiviti - India Member Private Limited	+91 8489333555	Sathyajass2002 @gmail.com	
3	Dr. K.N. Thirukkuralkani	Incubation Head	Incubation Manager at SREC SPARK INCUBATION FOUNDATION	+91 9444768586	Thirukkuralkani @gmail.com	
4	Dr Anitha Kumari K	IPR expert	Patent Agent PSG College of Technology	+91 9842525820	kak@psgtech.ac.in	
5	Mr R Immanual	Faculty Member (Convenor Single Point of Contact)	Sri Ramakrishna Institute of Technology	+91 9677817992	immangwu @gmail.com	

कपिला - KAPILA

The following applications have been identified for submission; (Expand table as per the number of all submitted patents).

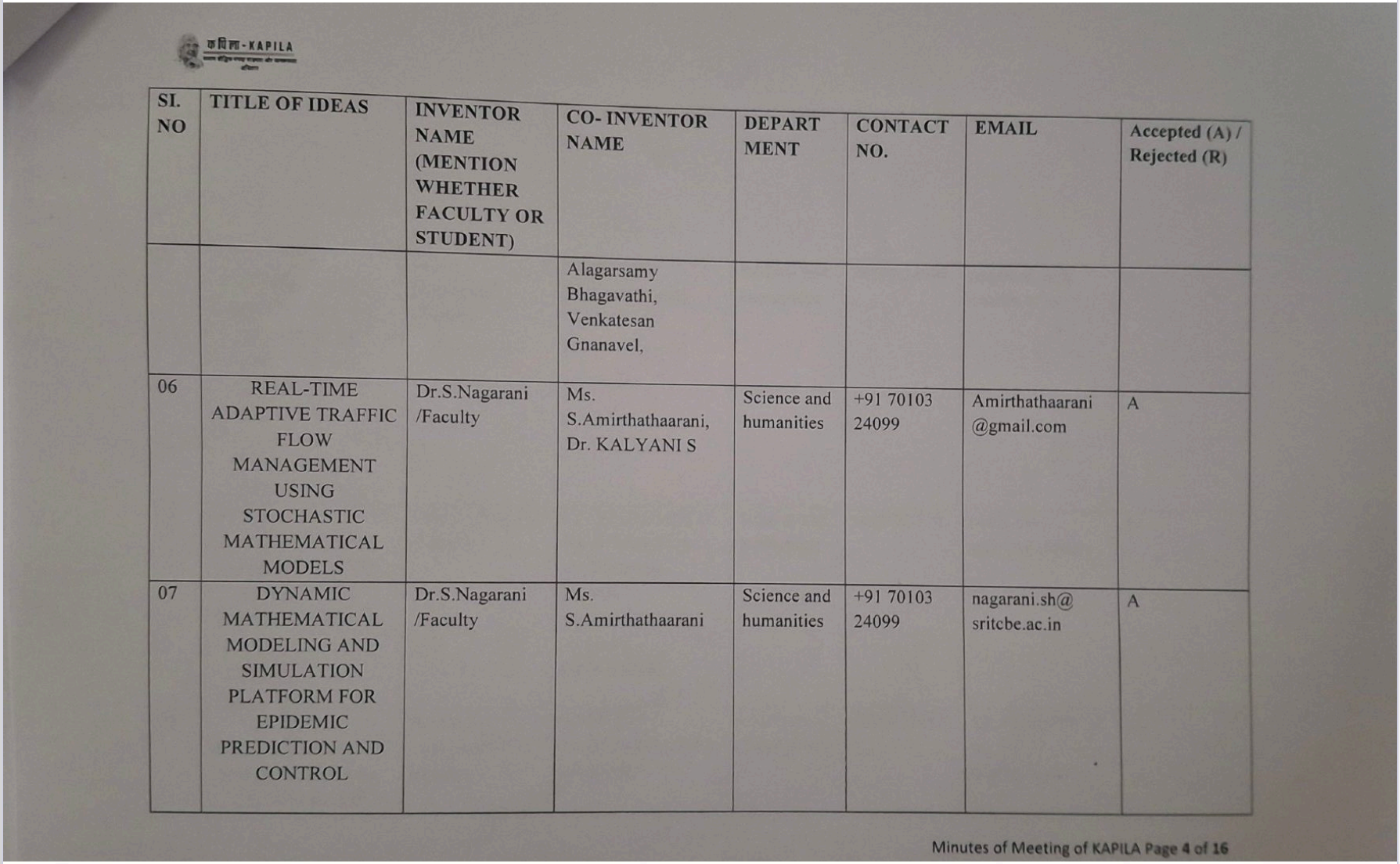
SI. NO	TITLE OF IDEAS	INVENTOR NAME (MENTION WHETHER FACULTY OR STUDENT)	CO- INVENTOR NAME	DEPART MENT	CONTACT NO.	EMAIL	Accepted (A) / Rejected (R)
01	PORTABLE ELECTRIC MASSAGER	U Elakkiya /Faculty	K Malarvizhi, S Natheldha Mary Navina	Information Technology	6380740949	Navinarobin @gmail.com	A
02	SMART GROCERY CONTAINER	Jebamaniraj.Mala /Faculty	Jebadurai Sangeetha saral, Kubendran MohanaPriya	Information Technology	6380740949	Mohanapriya kubendran@ gmail.com	A
03	SMART BUCKET QUEUE SYSTEM	Vijayakumar Preetha /faculty	Raghavendran Ramakrishnan, Selvaraj Sulakshana Devi, Rajasekaran Tharshna, Martin Loudar Raja Seleema Eunice, John Baskar Sharli Iris John Baskar.	Computer Science and Engineering	9345350650	Seleema.82102138 @sritcbe.ac.in	A



कपिला-KAPILA

SI. NO	TITLE OF IDEAS	INVENTOR NAME (MENTION WHETHER FACULTY OR STUDENT)	CO- INVENTOR NAME	DEPART MENT	CONTACT NO.	EMAIL	Accepted (A) / Rejected (R)
04	PORTABLE ELECTRIC FLOOR DRYER	Maran Kalpana Devi/ Faculty	John Joseph Adri Jovin, Thankappan Chellammal Ezhil Selvan, Maran Kalpana Devi, Karuppiah Moorthy,	Information Technology	9585561634	adrijovin.it @sritcbe.ac.in	A
05	PASSIVE THERMAL MANAGEMENT SYSTEM USING OPTIMIZED MICRO CHANNEL ARCHI -TECTURE AND CAPILLARY-DRIVEN FLUID FLOW	Selvan Anne Susan Georgena/Faculty	Savariar Mary Praveena, Selvanayagam Benjamin Franklin, Ganapathia Pillai Kannayeram, Sambathkumar Udaiyakumar, Muthusamy Abarna, Ramar Mugesh, Ganesan Kishor,	Science and Humanities	9655011785	marypraveena.ece @sritcbe.ac.in	A

Minutes of Meeting of KAPILA Page 3 of 16



कपिल-KAPILA

SI. NO	TITLE OF IDEAS	INVENTOR NAME (MENTION WHETHER FACULTY OR STUDENT)	CO- INVENTOR NAME	DEPART MENT	CONTACT NO.	EMAIL	Accepted (A) / Rejected (R)
			Alagarsamy Bhagavathi, Venkatesan Gnanavel,				
06	REAL-TIME ADAPTIVE TRAFFIC FLOW MANAGEMENT USING STOCHASTIC MATHEMATICAL MODELS	Dr.S.Nagarani /Faculty	Ms. S.Amirthathaarani, Dr. KALYANI S	Science and humanities	+91 70103 24099	Amirthathaarani @gmail.com	A
07	DYNAMIC MATHEMATICAL MODELING AND SIMULATION PLATFORM FOR EPIDEMIC PREDICTION AND CONTROL	Dr.S.Nagarani /Faculty	Ms. S.Amirthathaarani	Science and humanities	+91 70103 24099	nagarani.sh@ sritcbe.ac.in	A

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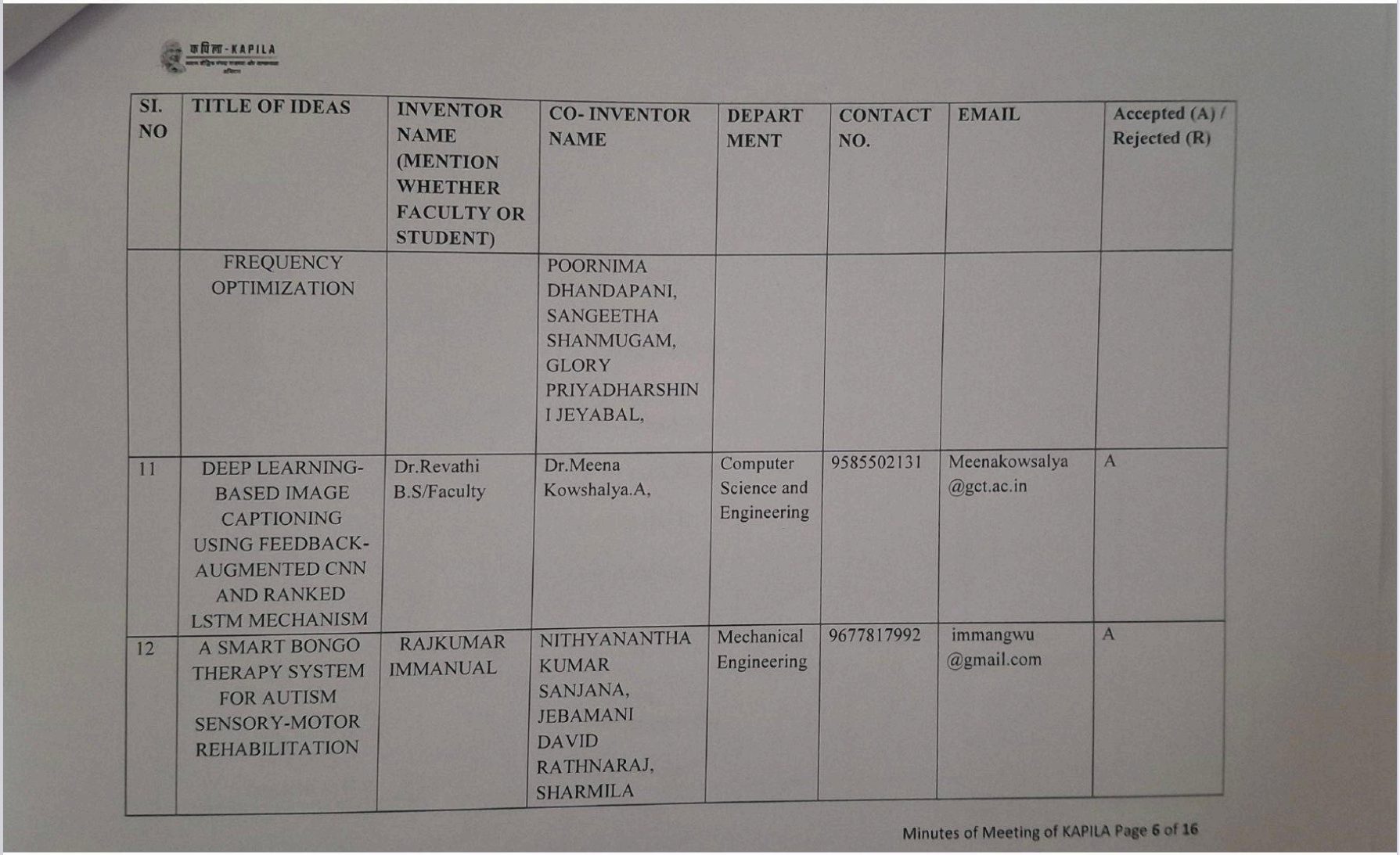
KAPILA

SI. NO	TITLE OF IDEAS	INVENTOR NAME (MENTION WHETHER FACULTY OR STUDENT)	CO- INVENTOR NAME	DEPART MENT	CONTACT NO.	EMAIL	Accepted (A) / Rejected (R)
08	UN CONVENTIONAL SOLUTIONS TO NONLINEAR FRACTIONAL SHOCK WAVE EQUATIONS BY COMBINING TWO NUMERICAL TECHNIQUES	Dr.S. Nagarani /Faculty	Ms. S. Amirthathaarani	Science and humanities	70103 24099	nagarani.sh@ sritcbe.ac.in	A
09	QUANTUM CRYPTO -GRAPHY FOR SECURE CLOUD COMPUTING APPLICATIONS	Mrs. G. SUDHA /Faculty	Dr. NAGARANI S, Dr. S. SANJITH, Dr.S.Praveen Kumar, Dr.Gopalkrishna .D.Dalvi, Dr.M.Suresh	Science and humanities	9840783714	sudha.ece @sairam.edu.in	A
10	ACOUSTIC BATTERY COOLING SYSTEM WITH AI-CONTROLLED	Immanual Rajkumar/ Faculty	SANJANA NITHYANANTHA KUMAR,	Mechanical Engineering	8903612342	Jglorypriyadharsh ini @gmail.com	A



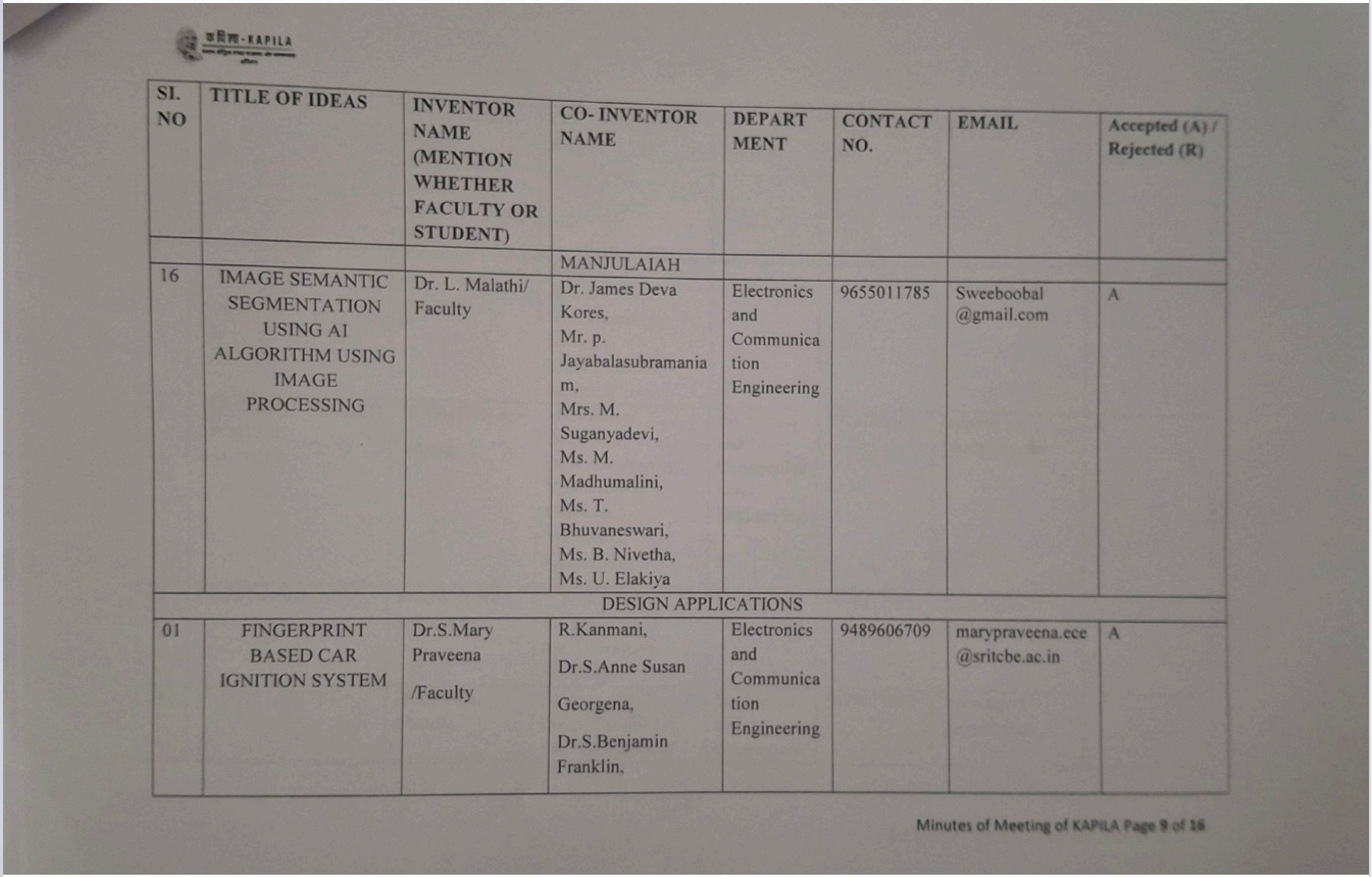
कपिला-KAPILA

SI. NO	TITLE OF IDEAS	INVENTOR NAME (MENTION WHETHER FACULTY OR STUDENT)	CO- INVENTOR NAME	DEPARTMENT	CONTACT NO.	EMAIL	Accepted (A) / Rejected (R)
	FREQUENCY OPTIMIZATION		POORNIMA DHANDAPANI, SANGEETHA SHANMUGAM, GLORY PRIYADHARSHINI JEYABAL,				
11	DEEP LEARNING-BASED IMAGE CAPTIONING USING FEEDBACK-AUGMENTED CNN AND RANKED LSTM MECHANISM	Dr.Revathi B.S/Faculty	Dr.Meena Kowshalya.A,	Computer Science and Engineering	9585502131	Meenakowsalya @gct.ac.in	A
12	A SMART BONGO THERAPY SYSTEM FOR AUTISM SENSORY-MOTOR REHABILITATION	RAJKUMAR IMMANUAL	NITHYANANTHA KUMAR SANJANA, JEBAMANI DAVID RATHNARAJ, SHARMILA	Mechanical Engineering	9677817992	immangwu @gmail.com	A

SI. NO	TITLE OF IDEAS	INVENTOR NAME (MENTION WHETHER FACULTY OR STUDENT)	CO- INVENTOR NAME	DEPART MENT	CONTACT NO.	EMAIL	Accepted (A) / Rejected (R)
			DHANAPAL, MANUSHREE ARUMUGA NAINAR, VIJAYALEKSHMI AJAY VARDHANAN JAYAVARDHANAN, VIJAYALEKSHMI, AJAY VARDHANAN JAYA VARDHANAN,				
13	AN ASSISTIVE WRITING SYSTEM FOR CHILDREN WITH SPECIFIC LEARNING DISABILITIES	RAJKUMAR, IMMANUAL	NITHYANANTHA KUMAR, SANJANA, VIJAYALEKSHMI, AJAY VARDHANAN	Mechanical Engineering	9677817992	immangwu @gmail.com	A

कपिला - KAPILA

SI. NO	TITLE OF IDEAS	INVENTOR NAME (MENTION WHETHER FACULTY OR STUDENT)	CO- INVENTOR NAME	DEPART MENT	CONTACT NO.	EMAIL	Accepted (A) / Rejected (R)
			JAYAVARDHANAN				
14	VISUAL INTELLIGENCE SYSTEM FOR TRANSPARENT ANALYSIS AND ADVANCED METAL SCRAP CLASSIFICATION USING EX	RAJKUMAR, IMMANUAL	NITHYANANTHA KUMAR, SANJANA, JEBAMANI DAVID RATHNARAJ	Mechanical Engineering	9677817992	immangwu @gmail.com	A
15	A SOLAR BASED THREE-DIMENSIONAL STILL	IMMANUAL RAJKUMAR	RAJA VARADHARAJ, RENJIN JASMINE BRIGHT, SATISH VITHAL TALAWAR, VASUNDHARA MAVINAHALLI GOPALAKRISHNA, HAREESHA	Mechanical Engineering	9677817992	immangwu @gmail.com	A



KAPILA

SI. NO	TITLE OF IDEAS	INVENTOR NAME (MENTION WHETHER FACULTY OR STUDENT)	CO- INVENTOR NAME	DEPART MENT	CONTACT NO.	EMAIL	Accepted (A) / Rejected (R)
			MANJULAIAH				
16	IMAGE SEMANTIC SEGMENTATION USING AI ALGORITHM USING IMAGE PROCESSING	Dr. L. Malathi/ Faculty	Dr. James Deva Kores, Mr. p. Jayabalasubramaniam, Mrs. M. Suganyadevi, Ms. M. Madhumalini, Ms. T. Bhuvaneswari, Ms. B. Nivetha, Ms. U. Elakiya	Electronics and Communication Engineering	9655011785	Sweeboobal @gmail.com	A
DESIGN APPLICATIONS							
01	FINGERPRINT BASED CAR IGNITION SYSTEM	Dr.S.Mary Praveena /Faculty	R.Kanmani, Dr.S.Anne Susan Georgena, Dr.S.Benjamin Franklin,	Electronics and Communication Engineering	9489606709	marypraveena.ece @sritcbe.ac.in	A

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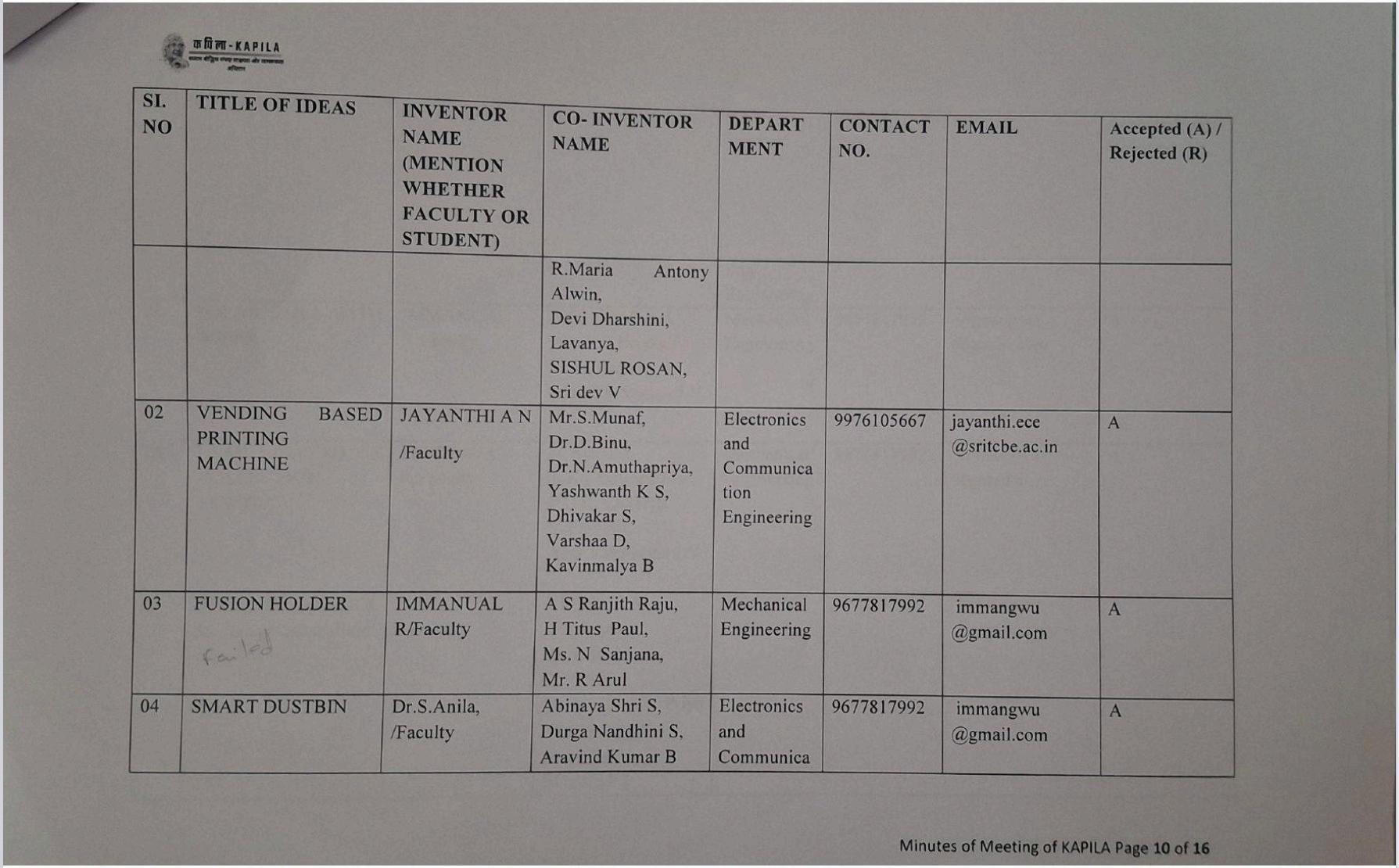


SI. NO	TITLE OF IDEAS	INVENTOR NAME (MENTION WHETHER FACULTY OR STUDENT)	CO- INVENTOR NAME	DEPART MENT	CONTACT NO.	EMAIL	Accepted (A) / Rejected (R)
			R.Maria Antony Alwin, Devi Dharshini, Lavanya, SISHUL ROSAN, Sri dev V				
02	VENDING BASED PRINTING MACHINE	JAYANTHI A N /Faculty	Mr.S.Munaf, Dr.D.Binu, Dr.N.Amuthapriya, Yashwanth K S, Dhivakar S, Varshaa D, Kavinmalya B	Electronics and Communication Engineering	9976105667	jayanthi.ece @sritcbe.ac.in	A
03	FUSION HOLDER failed	IMMANUAL R/Faculty	A S Ranjith Raju, H Titus Paul, Ms. N Sanjana, Mr. R Arul	Mechanical Engineering	9677817992	immangwu @gmail.com	A
04	SMART DUSTBIN	Dr.S.Anila, /Faculty	Abinaya Shri S, Durga Nandhini S, Aravind Kumar B	Electronics and Communica	9677817992	immangwu @gmail.com	A

कपिला - KAPILA

SI. NO	TITLE OF IDEAS	INVENTOR NAME (MENTION WHETHER FACULTY OR STUDENT)	CO- INVENTOR NAME	DEPARTMENT	CONTACT NO.	EMAIL	Accepted (A) / Rejected (R)
				tion Engineering			
05	SOLAR STILL WITH WIPER	IMMANUAL R/Faculty	Raja Varadharaj, Renjin J Bright, N. Sanjana, Ajay Vardhanan.J.V	Mechanical Engineering	9677817992	immangwu @gmail.com	A
06	LEAF DATABASE COLLECTION SYSTEM	IMMANUAL R/Faculty	N. Sanjana, A.Joy Edward Jose, P.D.K. Lokeeth, S. Praveen, Ajay Vardhanan.J.V	Mechanical Engineering	9677817992	immangwu @gmail.com	A
07	COCONUT HOLDER for Image acquisition	IMMANUAL R/Faculty	Kirthika.K.M, N.Sanjana, Sulakshana Devi.S.K, Shiva Priya Dharshanya.N, Saranitaa.M, Bharath.P.I	Mechanical Engineering	9677817992	immangwu @gmail.com	A

कपिला - KAPILA

SI. NO	TITLE OF IDEAS	INVENTOR NAME (MENTION WHETHER FACULTY OR STUDENT)	CO- INVENTOR NAME	DEPARTMENT	CONTACT NO.	EMAIL	Accepted (A) / Rejected (R)
08	MUSHROOM CULTIVATION HOLDER	IMMANUAL R/Faculty	Kirthika.K.M, N. Sanjana, Kishanth.K, Muthukumar.S, Nithishkumar.B, Ajay Vardhanan.J.V	Mechanical Engineering	9677817992	immangwu @gmail.com	A
09	3D PRINTING MACHINE BEAM WITH CAMERA HOLDER	IMMANUAL R/Faculty	Dr.R.Kumar, Dr. S. Nagarani, Dr.M.Kalpana Devi, Dr. S. Kalyani, N. Sanjana, Ajay Vardhanan.J.V	Computer Science and Engineering	9677817992	immangwu @gmail.com	A
10	DRONE CHASSIS WITH ROBOTIC ARM	IMMANUAL R/Faculty	N. Sanjana, Kirthika.K.M, R. Sowmitha, P. Sowndarya, T.Sathiyaruba, Ajay Vardhanan.J.V		9677817992	immangwu @gmail.com	A
11	WASHROOM CLEANING ROBOT	Dr Sangeetha Shanmugam, /Faculty	D Poornima, Kirthika.K.M, N. Sanjana, Dhanush Karthik.J	Electrical and Electronics Engineering	9677817992	immangwu @gmail.com	A

SI. NO	TITLE OF IDEAS	INVENTOR NAME (MENTION WHETHER FACULTY OR STUDENT)	CO- INVENTOR NAME	DEPART MENT	CONTACT NO.	EMAIL	Accepted (A) / Rejected (R)
12	MOBILE ROBOT CHASSIS WITH ROBOTIC ARM	N. Sanjana /Faculty	IMMANUAL R, Kirthika.K.M, Abdul Aliu Faayiq.A, Anushan.R, Anandh.E, Ajay Vardhanan.J.V	Computer Science and Engineering	9677817992	immangwu @gmail.com	A
13	SMARTSHIELD: CAMERA-INTEGRATED MUDGUARD FOR REAL-TIME TIRE PRESSURE MONITORING IN ELECTRIC VEHICLES	IMMANUAL R/Faculty	Dr. B.Gunapriya, Dr.Sangeetha Shanmugam, Poornima Dhandapani, N. Sanjana, Ajay Vardhanan.J.V	Mechanical Engineering	9677817992	immangwu @gmail.com	A
14	WATER TAP WITH LAMP HOLDER	IMMANUAL R/Faculty	Varun B, Kirthika.K.M, R.Arul, N. Sanjana,	Mechanical Engineering	9677817992	immangwu @gmail.com	A

कपिला - KAPILA

SI. NO	TITLE OF IDEAS	INVENTOR NAME (MENTION WHETHER FACULTY OR STUDENT)	CO- INVENTOR NAME	DEPART MENT	CONTACT NO.	EMAIL	Accepted (A) / Rejected (R)
			Dr.S.Benjamin Franklin, Ajay Vardhanan.J.V				
15	BI-FLUID EVACUATED TUBE COLLECTOR	IMMANUAL R/Faculty	Dr. M. Veeramanikandan, M. Yogesh, V. Mohanathan, P. Bharathi, Dr. D. Sathish , Dr. R. Thirunavukkarasu	Mechanical Engineering	9677817992	immangwu @gmail.com	A
16	GO-KART CHASSIS	IMMANUAL R/Faculty	Kirthika.K.M, N. Sanjana, Sanjay.K.R, Sathya.J, Dhanush Karthik.J, Sriram.M, Hariharan.M, Vishal.M, Raj Ganesh.K, Ragulsugatheswaran .P	Mechanical Engineering	9677817992	immangwu @gmail.com	A

कपिला - KAPILA

SI. NO	TITLE OF IDEAS	INVENTOR NAME (MENTION WHETHER FACULTY OR STUDENT)	CO- INVENTOR NAME	DEPART MENT	CONTACT NO.	EMAIL	Accepted (A) / Rejected (R)
17	SPIRAL FLOW BI-FLUID PHOTOVOLTAIC THERMAL COLLECTOR	IMMANUAL R/Faculty	Dr. M. Veeramanikandan, L. Karthikeyan, K. V. Srihari, N. Yogesh, Dr. D. Sathish R. Thirunavukkarasu	Mechanical Engineering	9677817992	immangwu @gmail.com	A
18	FLOATING SOLAR STILL	IMMANUAL R/Faculty	K. M. Kirthika, N. Sanjana, S. Hema Varshini, K. Bhuvaneshwari, S. Suman Nath, P. I. Bharath, B. Nallasivan, A. Siddharth,	Mechanical Engineering	9677817992	immangwu @gmail.com	A
19	AI based Customer Service Chatbot	Dr M Kalpana Devi/Faculty		Computer Science and Engineering	9585561634	hod.mca @drsnsrcas.ac.in	A

कपिला - KAPILA

SI. NO	TITLE OF IDEAS	INVENTOR NAME (MENTION WHETHER FACULTY OR STUDENT)	CO- INVENTOR NAME	DEPART MENT	CONTACT NO.	EMAIL	Accepted (A) / Rejected (R)
20	SUN LIGHT TRACKING SOLAR PANEL SYSTEM	Dr.R. DHARMA PRAKASH /Faculty	Dr.S.NAGARANI, Mr. MATTA MANI SANKAR, Prof. Yogita D Shahakar, Dr. Prashant Sunagar, Mr. Balaji Govindan	Science and humanities	9444773173	Rdharmaprakash @yahoo.co.in	A

There was submission of total **16 Patents and 20 design applications** from **six** departments of the institute which were presented by students / faculty innovator. After detailed discussion and deliberation, the **16 Patents and 20 design applications** are finalised for submission to KAPILA scheme.

(Sign of Head of Institution)

PRINCIPAL
Sri Ramakrishna Institute of Technology
COIMBATORE - 641 010

SRI RAMAKRISHNA INSTITUTE OF TECHNOLOGY COIMBATORE 641010

KAPILA SCHEME

STATEMENT OF ACTUAL EXPENDITURE
FOR CLAIMING THE REIMBURSEMENT FOR THE FILED PATENT APPLICATION
(for Government/Government Aided Institute)

Permanent ID of Institute	1-7841521
AISHE Code of Institute	c-37032
Name of the Institute	**Sri Ramakrishna Insitute of Technology**
Address of the Institute	Pachapalayam (post), Perur Chettipalayam Coimbatore - 641010
Name of Head of Institute	Dr. J.David Rathnaraj
Mobile No.	+91 99440 25671
Landline No.	+91-422-2605577
Email id.	principle@sritcbe.ac.in

EXPENDITURE DETAILS FOR FILED PATENT APPLICATION

S. No.	Patent Application No. (As per Indian Patent Office Record)	Patent Application Filing Fee	Patent Application Examination/Expedited Examination Fee	Early Publication Fee	Amount (in Rs.)
1.	202541072810	1750	4400	-	6150
2.	202541072809	1750	4400	-	6150
3.	202541072713	1750	4400	2750	8900
4.	202541072801	1750	4400	-	6150
5.	202541072731	1750	4400	2750	8900
6.	202441046400	1600	-	2500	4100
7.	202441046401	1600	-	2500	4100
8.	202441009708	1600	-	2500	4100
9.	202441042650	1750	-	-	1750
10.	202541072831	1750	4400	-	6150
11.	202541069129	1600	-	2500	4100
12.	202541072817	1750	4400	-	6150
13.	202541068351	3360	4000	2500	9860
14.	202541069954	1750	4400	-	6150
15.	202541068351	1600	-	-	1600
16.	202441027699	1750	-	-	1750
			Total		86,060

(In words) Rs.
Eighty six thousand and sixty rupees only

EXPENDITURE DETAILS FOR FILED DESIGN APPLICATION

S.No.	Design Application Number (As per Indian Patent Office Record)	Registration Fee (in Rs.)
1	464815-001	1000
2	462448-001	1000
3	468221-001	1000
4	458392-001	1000
5	458170-001	1000
6	457557-001	1000
7	457528-001	1000
8	457572-001	1000
9	441313-001	1000
10	426189-001	1000
11	430581-001	1000
12	427174-001	1000
13	446999-001	1000
14	417374-001	1000
15	410522-001	1000
16	410326-001	1000
17	411354-001	1000
18	410220-001	1000
19	441933-001	1000
20	421045-001	1000
	Total Amount	20,000/-
	In words Rs. Twenty thousand rupees only	

1 29/8/25

(Signature of Head of Institute with seal)
Name : Dr. J. David Rajaraj
Designation : Principal
Sri Ramakrishna Institute of Technology,
Pachapalayam, Perur Chettipalayam,
Coimbatore - 641010.
Date:

2

(Signature of Charteted Accountant with Seal)
Name : SANDEEP SURESH
Registraton No. : 225985

SANDEEP SURESH & CO.,
Chartered Accountant
50, Hari Sri Center, Sarojini Street,
Ramnagar, Coimbatore - 641 009.

SANDEEP SURESH, B.Com., F.C.A. M.No. 225985 Chartered Accountant

Minutes of KAPILA Committee Meeting

The Committee meeting was held in the hybrid mode at **Sri Ramakrishna Institute of Technology** on 29/08/2026 from11.30 am to 12.00am under the Chairmanship of **Dr David Rathnaraj**, for approving the shortlisted application to be filed as patents under the KAPILA scheme.

The following members of the committee attended the meeting (Committee formed as per the KAPILA guidelines) :

Sl. No.	Name	Designation	Insitute Name/Company name	Contact No.	Email Address	Signature
1	Dr.J.David Rathnaraj	Chairperson	Sri Ramakrishna Institute of Technology	+91 9487846981	Principal@srit.org	31/8/26
2	Dr Anitha Kumari K	IPR expert	PSG College of Technology	+919842525820	kak.it@psgtech.ac.in	29/8/2026
3	Dr.K.N. Thirukkuralkani	Incubation Head	Incubation Manager at SREC SPARK INCUBATION FOUNDATION	+91 9444768586	thirukkuralkani@gmail.com	
4	Ms Sathya J	Institute alumni	KPMG Bangalore	+91 8489333555	Sathyajass2002@gmail.com	

5	Mr R Immanual	Faculty Member(Convenor Single Point of Contact)	Sri Ramakrishna Institute of Technology	+91 9677817992	immangwu@gmail.com	

The following applications have been identified for submission;

Si. No.	Title of ideas	Inventor Name (Mention whether faculty or student)	Co- Inventor Name	Department	Contact No.	Email	Accepted (A) / Rejected (R)
1	AI-Based Engineering Drawing Dimension Identification and Part-Dimension Correlation System	Dr. R. Kumar (Faculty);	Kavitha N S, Tamil Selvan R, Immanual R, Sanjana N, Alan S	Computer Science and Engineering	9786699809	kavitha.cse@sritcbe.ac.in	(A)
2	AI-Based Automatic Visual Inspection System for Small Scale MSME Manufacturing	Mr R Immanual (Faculty);	Sanjana N, Alan S, Naveenkumar B, Senbagapriya S, Kamaleshwaran P, Kalaiselvan S, Prasanna T	Mechanical Engineering	9677817992	immangwu@gmail.com	(A)

कपिला-KAPILA

	Augmented Reality Based Intelligent Assembly Guidance and Torque Monitoring System for Industrial Valve Manufacturing	Mr R Immanual (Faculty);	Sanjana N, Poornima D, Sangeetha S, Nirupathunga M, Krishnakanth J, Kamaleshwaran P, Titus Paul J, Deepana N	Mechanical Engineering	9677817992	immangwu @gmail.com	(A)
4	AI-Based Acoustic Anomaly Detection and Remaining Useful Life Estimation System for Predictive Maintenance of Industrial Machinery	Mr R Immanual (Faculty);	Sanjana N, Poornima D, Sangeetha S, Ramkumar E, Glory Priyadharshini J, Tharun B S	Electrical & Electronics Engineering	9677817992	immangwu @gmail.com	(A)
5	A Technical Heuristic Computing Engine for Large-Scale Combinatorial Optimization and Resource Allocation Problems	Dr. S. Nagarani (Faculty)	Mrs. Varanasi Santosh Kumar; Dr. S. Kalyani, Mr Vasa Vijaya Kumar, Dr. B. Vennila, Dr. Shailendra Kumar Bohidar, Ms S K Uma Maheswaran	Science & Humanities — Mathematics (S&H)	9842693221	nagarani.sh @sritcbe.ac.in	(A)
6	Extended reality teleoperation system with 360-degree video streaming and real-time digital twin monitoring for remote environment exploration	Ms Sanjana N (Faculty);	Sanjana N, V.S.Sanjay, Nandhini T, Tharun B S, Kamaleshwaran P, Shri Abinaya S, Jaisre K, Jaikumar A,	Computer Science and Engineering	9677817992	sanjananithykumar06@gmail.com	(A)
DESIGN APPLICATIONS							

कपिल-KAPILA

1	Mathematical Model Analysing Device	Dr. S. Nagarani (Faculty)	Dr.S.Kalyani Dr. Deepak Gupta Dr.S. Aruna Dr. Nanduri Srinivas	Science & Humanities — Mathematics (S&H)	9842693221	nagarani.sh @sritcbe.ac.in	(A)

There was submission of total 7 applications from 5 departments of the institute which were presented by students / faculty innovator. After detailed discussion and deliberation, the 7 applications are finalised for submission to KAPILA scheme.

(Sign of Head of Institution)

Dr. J. David Rathnaraj
Principal
Sri Ramakrishna Institute of Technology,
Pachapalayam, Perur Chettipalayam
Coimbatore - 641101

****

KAPILA SCHEME

STATEMENT OF ACTUAL EXPENDITURE
FOR CLAIMING THE REIMBURSEMENT FOR THE FILED PATENT APPLICATION
(for Private Institute)

Permanent ID of Institute	1-7841521
AISHE Code of Institute	C-37032
Name and address of the Institute	Sri Ramakrishna Institute of Technology, Perur Chetipalayam, Pachapalayam, Coimbatore - 641010.
Name of Head of Institute	Dr J David Rathnaraj
Mobile No.	9944025671
Landline No.	0422 - 2605454
Email id :	principal@srit.org.

EXPENDITURE DETAILS FOR FILED PATENT APPLICATION

S. No.	Patent Application No. (As per Indian Patent Office Record)	Patent Application filing fee f1	Patent Application Examination fee f18	Early Publication Fee f9	Amount (in Rs.)
1.	202641082841	1,600	-	2,500	4,100
2.	202641057635	1,600	-	2,500	4,100
3.	202641039458	1,600	-	2,500	4,100
4.	202641087844	1,600	-	2,500	4,100
5.	202641071140	1,600	-	2,500	4,100
6.	202641034420	1,600	4,000	2,500	8,100
				Total	28,600
(In words) Rs.Twenty Eight Thousand Six Hundred Only.					

EXPENDITURE DETAILS FOR FILED DESIGN APPLICATION

S. No.	Patent Application No. (As per Indian Patent Office Record)	Registration Fee(in Rs.)
1	489606-001	1000
	Total	1,000/-
(In Words) Rs. One Thousand Only.		

SANDEEP SURESH, B Com, FCA, M No. 225985, Chartered Accountant

For SANDEEP SURESH & CO
Sandeep Suresh, B Com, FCA,
Proprietor
FRN 018231S

1 31/8/26
(Signature of Head of Institute with seal)
Name : Dr. J. David Rathnaraj
Designation : Principal
Sri Ramakrishna Institute of Technology, Pachapalayam, Perur Chetipalayam, Coimbatore - 641010.
Date:

(Signature of Charteted Accountant with Seal)
Name : CA SANDEEP SURESH
Registraton No. : 225985



ORIGINAL
क्रम सं/ Serial No. : 196040

INTELLECTUAL PROPERTY INDIA
Network | Innovation | Trade Marks
GEOGRAPHICAL INDICATIONS

सत्यमेव जयते

पेटेंट कार्यालय, भारत सरकार | The Patent Office, Government Of India

डिजाइन के पंजीकरण का प्रमाण पत्र | Certificate of Registration of Design

डिजाइन सं. / Design No. : 441313-001

तारीख / Date : 19/12/2024

पारस्परिकता तारीख / Reciprocity Date* :

देश / Country :

प्रमाणित किया जाता है कि संलग्न प्रति में वर्णित डिजाइन जो *3D PRINTING MACHINE BEAM WITH CAMERA HOLDER* से संबंधित है, का पंजीकरण, श्रेणी 15-09 में 1.Dr.R.Kumar 2. Dr. S. Nagarani 3.Dr.M.Kalpana Devi 4.Dr. S. Kalyani 5.R. Immanual 6.N. Sanjana 7.Ajay Vardhanan.J.V के नाम में उपर्युक्त संख्या और तारीख में कर लिया गया है।

Certified that the design of which a copy is annexed hereto has been registered as of the number and date given above in class 15-09 in respect of the application of such design to *3D PRINTING MACHINE BEAM WITH CAMERA HOLDER* in the name of 1.Dr.R.Kumar 2. Dr. S. Nagarani 3.Dr.M.Kalpana Devi 4.Dr. S. Kalyani 5.R. Immanual 6.N. Sanjana 7.Ajay Vardhanan.J.V.

डिजाइन अधिनियम, 2000 तथा डिजाइन नियम, 2001 के अध्यधीन प्रावधानों के अनुसरण में।
In pursuance of and subject to the provisions of the Designs Act, 2000 and the Designs Rules, 2001.

जारी करने की तिथि : 28/03/2025
Date of Issue

महानियंत्रक पेटेंट, डिजाइन और व्यापार चिह्न
Controller General of Patents, Designs and Trade Marks

*पारस्परिकता तारीख (यदि कोई हो) जिसकी अनुमति दी गई है तथा देश का नाम। डिजाइन का स्वत्वाधिकार पंजीकरण की तारीख से दस वर्षों के लिए होगा जिसका विस्तार, अधिनियम एवं नियम के निबंधनों के अधीन, पाँच वर्षों की अतिरिक्त अवधि के लिए किया जा सकेगा। इस प्रमाण पत्र का उपयोग विधिक कार्यवाहियों अथवा विदेश में पंजीकरण प्राप्त करने के लिए नहीं हो सकता है।
The reciprocity date (if any) which has been allowed and the name of the country. Copyright in the design will subsist for ten years from the date of Registration, and may under the terms of the Act and Rules, be extended for a further period of five years. This Certificate is not for use in legal proceedings or for obtaining registration abroad.



ORIGINAL
क्रम सं/ Serial No. : 195822

INTELLECTUAL PROPERTY INDIA
Network | Innovation | Trade Marks
GEOGRAPHICAL INDICATIONS

सत्यमेव जयते

पेटेंट कार्यालय, भारत सरकार | The Patent Office, Government Of India

डिजाइन के पंजीकरण का प्रमाण पत्र | Certificate of Registration of Design

डिजाइन सं. / Design No. : 411354-001

तारीख / Date : 22/03/2024

पारस्परिकता तारीख / Reciprocity Date* :

देश / Country :

प्रमाणित किया जाता है कि संलग्न प्रति में वर्णित डिजाइन जो *GO-KART CHASSIS* से संबंधित है, का पंजीकरण, श्रेणी 12-16 में 1.R. Immanual 2. Kirthika.K.M 3.N. Sanjana 4.Sanjay.K.R 5.Sathya.J 6.Dhanush Karthik.J 7.Sriram.M 8.Hariharan.M 9.Vishal.M 10.Raj Ganesh.K 11.Ragulsugatheswaran.P 12.Ananya.R, और अन्य। के नाम में उपर्युक्त संख्या और तारीख में कर लिया गया है।

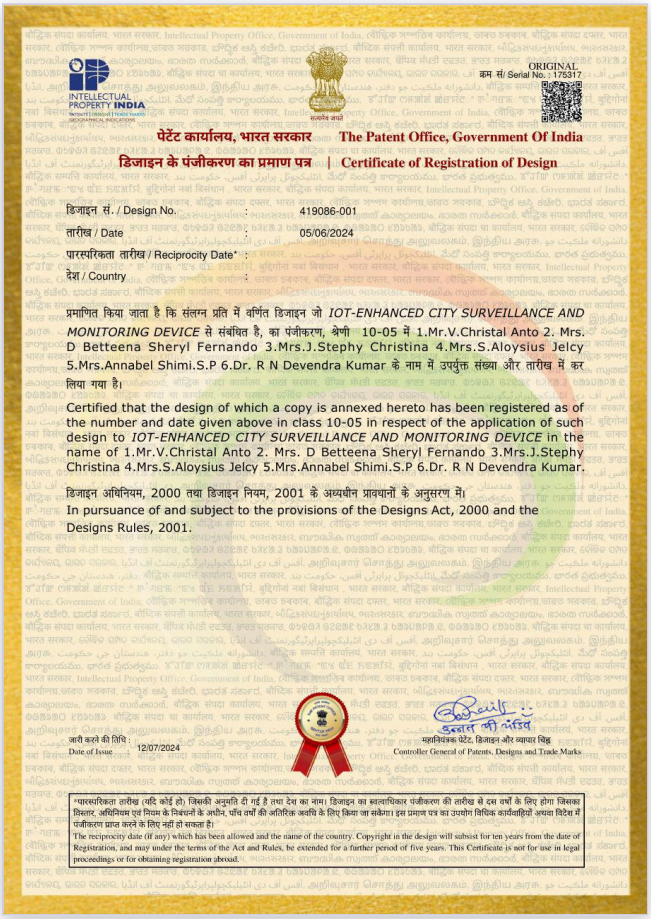
Certified that the design of which a copy is annexed hereto has been registered as of the number and date given above in class 12-16 in respect of the application of such design to *GO-KART CHASSIS* in the name of 1.R. Immanual 2. Kirthika.K.M 3.N. Sanjana 4.Sanjay.K.R 5.Sathya.J 6.Dhanush Karthik.J 7.Sriram.M 8.Hariharan.M 9.Vishal.M 10.Raj Ganesh.K 11.Ragulsugatheswaran.P 12.Ananya.R, et al.

डिजाइन अधिनियम, 2000 तथा डिजाइन नियम, 2001 के अध्यधीन प्रावधानों के अनुसरण में।
In pursuance of and subject to the provisions of the Designs Act, 2000 and the Designs Rules, 2001.

जारी करने की तिथि : 26/03/2025
Date of Issue

महानियंत्रक पेटेंट, डिजाइन और व्यापार चिह्न
Controller General of Patents, Designs and Trade Marks

*पारस्परिकता तारीख (यदि कोई हो) जिसकी अनुमति दी गई है तथा देश का नाम। डिजाइन का स्वत्वाधिकार पंजीकरण की तारीख से दस वर्षों के लिए होगा जिसका विस्तार, अधिनियम एवं नियम के निबंधनों के अधीन, पाँच वर्षों की अतिरिक्त अवधि के लिए किया जा सकेगा। इस प्रमाण पत्र का उपयोग विधिक कार्यवाहियों अथवा विदेश में पंजीकरण प्राप्त करने के लिए नहीं हो सकता है।
The reciprocity date (if any) which has been allowed and the name of the country. Copyright in the design will subsist for ten years from the date of Registration, and may under the terms of the Act and Rules, be extended for a further period of five years. This Certificate is not for use in legal proceedings or for obtaining registration abroad.



ORIGINAL

क्रम सं/ Serial No. : 175317

INTELLECTUAL PROPERTY INDIA

पेटेंट कार्यालय, भारत सरकार The Patent Office, Government Of India

डिजाइन के पंजीकरण का प्रमाण पत्र | Certificate of Registration of Design

डिजाइन सं. / Design No. : 419086-001

तारीख / Date : 05/06/2024

पारस्परिकता तारीख / Reciprocity Date* :

देश / Country :

प्रमाणित किया जाता है कि संलग्न प्रति में वर्णित डिजाइन जो *IOT-ENHANCED CITY SURVEILLANCE AND MONITORING DEVICE* से संबंधित है, का पंजीकरण, श्रेणी 10-05 में 1.Mr.V.Christal Anto 2. Mrs. D Betteena Sheryl Fernando 3.Mrs.J.Stephy Christina 4.Mrs.S.Aloysius Jelcy 5.Mrs.Annabel Shimi.S.P 6.Dr. R N Devendra Kumar के नाम में उपर्युक्त संख्या और तारीख में कर लिया गया है।

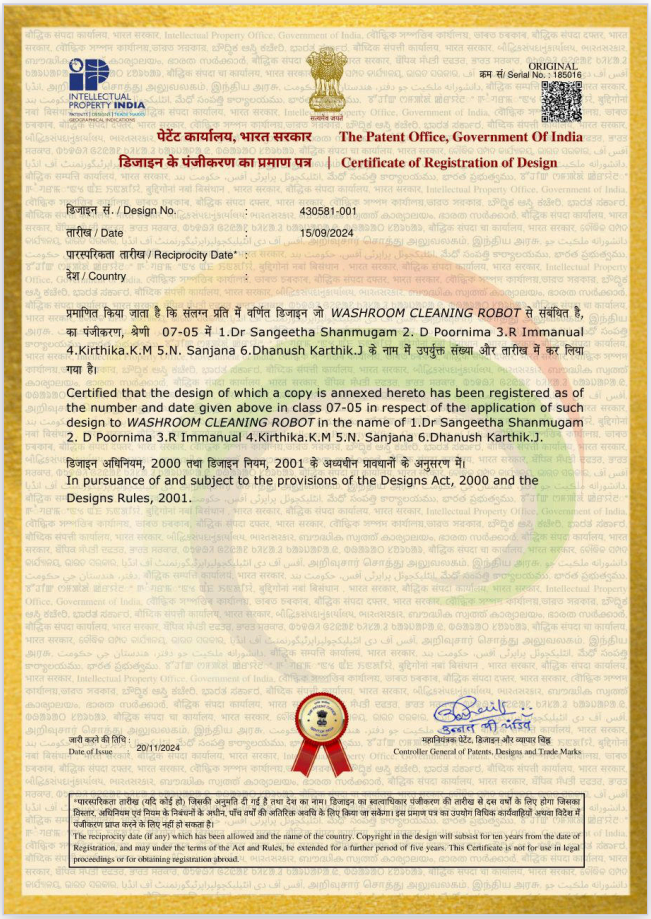
Certified that the design of which a copy is annexed hereto has been registered as of the number and date given above in class 10-05 in respect of the application of such design to *IOT-ENHANCED CITY SURVEILLANCE AND MONITORING DEVICE* in the name of 1.Mr.V.Christal Anto 2. Mrs. D Betteena Sheryl Fernando 3.Mrs.J.Stephy Christina 4.Mrs.S.Aloysius Jelcy 5.Mrs.Annabel Shimi.S.P 6.Dr. R N Devendra Kumar.

डिजाइन अधिनियम, 2000 तथा डिजाइन नियम, 2001 के अध्यधीन प्रावधानों के अनुसरण में।
In pursuance of and subject to the provisions of the Designs Act, 2000 and the Designs Rules, 2001.

जारी करने की तिथि : 12/07/2024
Date of Issue

महानियंत्रक पेटेंट, डिजाइन और व्यापार चिह्न
Controller General of Patents, Designs and Trade Marks

*पारस्परिकता तारीख (यदि कोई हो), जिसकी अनुमति दी गई है तथा देय का नाम। डिजाइन का क्षतापिकार पंजीकरण की तारीख से दस वर्षों के लिए होगा जिसका विस्तार, अधिनियम एवं नियम के निबंधनों के अधीन, पाँच वर्षों की अतिरिक्त अवधि के लिए किया जा सकेगा। इस प्रमाण पत्र का उपयोग विधिक कार्यवाहियों अथवा विदेश में पंजीकरण प्राप्त करने के लिए नहीं हो सकता है।
The reciprocity date (if any) which has been allowed and the name of the country. Copyright in the design will subsist for ten years from the date of Registration, and may under the terms of the Act and Rules, be extended for a further period of five years. This Certificate is not for use in legal proceedings or for obtaining registration abroad.



ORIGINAL

क्रम सं/ Serial No. : 185016

INTELLECTUAL PROPERTY INDIA

पेटेंट कार्यालय, भारत सरकार The Patent Office, Government Of India

डिजाइन के पंजीकरण का प्रमाण पत्र | Certificate of Registration of Design

डिजाइन सं. / Design No. : 430581-001

तारीख / Date : 15/09/2024

पारस्परिकता तारीख / Reciprocity Date* :

देश / Country :

प्रमाणित किया जाता है कि संलग्न प्रति में वर्णित डिजाइन जो *WASHROOM CLEANING ROBOT* से संबंधित है, का पंजीकरण, श्रेणी 07-05 में 1.Dr Sangeetha Shanmugam 2. D Poornima 3.R Immanual 4.Kirthika.K.M 5.N. Sanjana 6.Dhanush Karthik.J के नाम में उपर्युक्त संख्या और तारीख में कर लिया गया है।

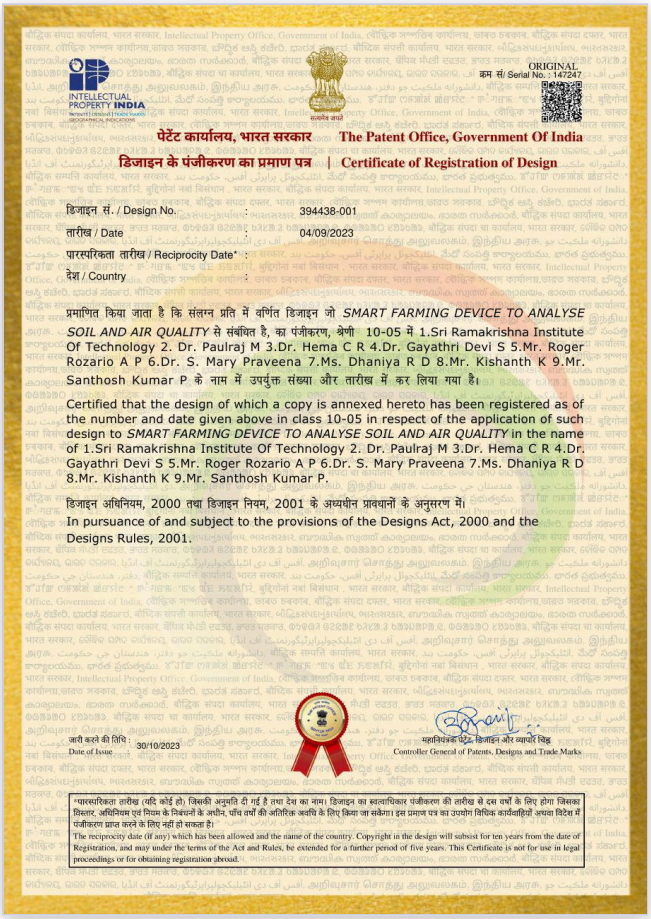
Certified that the design of which a copy is annexed hereto has been registered as of the number and date given above in class 07-05 in respect of the application of such design to *WASHROOM CLEANING ROBOT* in the name of 1.Dr Sangeetha Shanmugam 2. D Poornima 3.R Immanual 4.Kirthika.K.M 5.N. Sanjana 6.Dhanush Karthik.J.

डिजाइन अधिनियम, 2000 तथा डिजाइन नियम, 2001 के अध्यधीन प्रावधानों के अनुसरण में।
In pursuance of and subject to the provisions of the Designs Act, 2000 and the Designs Rules, 2001.

जारी करने की तिथि : 20/11/2024
Date of Issue

महानियंत्रक पेटेंट, डिजाइन और व्यापार चिह्न
Controller General of Patents, Designs and Trade Marks

*पारस्परिकता तारीख (यदि कोई हो), जिसकी अनुमति दी गई है तथा देय का नाम। डिजाइन का क्षतापिकार पंजीकरण की तारीख से दस वर्षों के लिए होगा जिसका विस्तार, अधिनियम एवं नियम के निबंधनों के अधीन, पाँच वर्षों की अतिरिक्त अवधि के लिए किया जा सकेगा। इस प्रमाण पत्र का उपयोग विधिक कार्यवाहियों अथवा विदेश में पंजीकरण प्राप्त करने के लिए नहीं हो सकता है।
The reciprocity date (if any) which has been allowed and the name of the country. Copyright in the design will subsist for ten years from the date of Registration, and may under the terms of the Act and Rules, be extended for a further period of five years. This Certificate is not for use in legal proceedings or for obtaining registration abroad.



ORIGINAL

क्रम सं/ Serial No. : 147247

INTELLECTUAL PROPERTY INDIA

सत्यमेव जयते

पेटेंट कार्यालय, भारत सरकार The Patent Office, Government Of India

डिजाइन के पंजीकरण का प्रमाण पत्र | Certificate of Registration of Design

डिजाइन सं. / Design No. : 394438-001

तारीख / Date : 04/09/2023

पारस्परिकता तारीख / Reciprocity Date* :

देश / Country :

प्रमाणित किया जाता है कि संलग्न प्रति में वर्णित डिजाइन जो *SMART FARMING DEVICE TO ANALYSE SOIL AND AIR QUALITY* से संबंधित है, का पंजीकरण, श्रेणी 10-05 में 1.Sri Ramakrishna Institute Of Technology 2. Dr. Paulraj M 3.Dr. Hema C R 4.Dr. Gayathri Devi S 5.Mr. Roger Rozario A P 6.Dr. S. Mary Praveena 7.Ms. Dhaniya R D 8.Mr. Kishanth K 9.Mr. Santhosh Kumar P के नाम में उपर्युक्त संख्या और तारीख में कर लिया गया है।

Certified that the design of which a copy is annexed hereto has been registered as of the number and date given above in class 10-05 in respect of the application of such design to *SMART FARMING DEVICE TO ANALYSE SOIL AND AIR QUALITY* in the name of 1.Sri Ramakrishna Institute Of Technology 2. Dr. Paulraj M 3.Dr. Hema C R 4.Dr. Gayathri Devi S 5.Mr. Roger Rozario A P 6.Dr. S. Mary Praveena 7.Ms. Dhaniya R D 8.Mr. Kishanth K 9.Mr. Santhosh Kumar P.

डिजाइन अधिनियम, 2000 तथा डिजाइन नियम, 2001 के अध्यधीन प्रावधानों के अनुसरण में।
In pursuance of and subject to the provisions of the Designs Act, 2000 and the Designs Rules, 2001.

जारी करने की तिथि : 30/10/2023
Date of Issue

महानियंत्रक पेटेंट, डिजाइन और व्यापारे चिह्न
Controller General of Patents, Designs and Trade Marks

*पारस्परिकता तारीख (यदि कोई हो), जिसकी अनुमति दी गई है तथा देय का नाम। डिजाइन का क्षतापिकार पंजीकरण की तारीख से दस वर्षों के लिए होगा जिसका विस्तार, अधिनियम एवं नियम के निबंधनों के अधीन, पाँच वर्षों की अतिरिक्त अवधि के लिए किया जा सकेगा। इस प्रमाण पत्र का उपयोग विधिक कार्यवाहियों अथवा विदेश में पंजीकरण प्राप्त करने के लिए नहीं हो सकता है।
The reciprocity date (if any) which has been allowed and the name of the country. Copyright in the design will subsist for ten years from the date of Registration, and may under the terms of the Act and Rules, be extended for a further period of five years. This Certificate is not for use in legal proceedings or for obtaining registration abroad.



ORIGINAL

क्रम सं/ Serial No. : 169409

INTELLECTUAL PROPERTY INDIA

सत्यमेव जयते

पेटेंट कार्यालय, भारत सरकार The Patent Office, Government Of India

डिजाइन के पंजीकरण का प्रमाण पत्र | Certificate of Registration of Design

डिजाइन सं. / Design No. : 410458-001

तारीख / Date : 14/03/2024

पारस्परिकता तारीख / Reciprocity Date* :

देश / Country :

प्रमाणित किया जाता है कि संलग्न प्रति में वर्णित डिजाइन जो *BONGOS SENSOR STAND* से संबंधित है, का पंजीकरण, श्रेणी 17-04 में 1.K. M. Kirthika 2. N. Sanjana 3.Immanual R 4.S. Hema Varshini 5.K. Bhuvaneshwari 6.S. Suman Nath 7.P. I. Bharath 8.B. Nallasivan 9.A. Siddharth के नाम में उपर्युक्त संख्या और तारीख में कर लिया गया है।

Certified that the design of which a copy is annexed hereto has been registered as of the number and date given above in class 17-04 in respect of the application of such design to *BONGOS SENSOR STAND* in the name of 1.K. M. Kirthika 2. N. Sanjana 3.Immanual R 4.S. Hema Varshini 5.K. Bhuvaneshwari 6.S. Suman Nath 7.P. I. Bharath 8.B. Nallasivan 9.A. Siddharth.

डिजाइन अधिनियम, 2000 तथा डिजाइन नियम, 2001 के अध्यधीन प्रावधानों के अनुसरण में।
In pursuance of and subject to the provisions of the Designs Act, 2000 and the Designs Rules, 2001.

जारी करने की तिथि : 16/05/2024
Date of Issue

महानियंत्रक पेटेंट, डिजाइन और व्यापार चिह्न
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The reciprocity date (if any) which has been allowed and the name of the country. Copyright in the design will subsist for ten years from the date of Registration, and may under the terms of the Act and Rules, be extended for a further period of five years. This Certificate is not for use in legal proceedings or for obtaining registration abroad.



पेटेंट कार्यालय, भारत सरकार The Patent Office, Government Of India

डिजाइन के पंजीकरण का प्रमाण पत्र | Certificate of Registration of Design

क्रम सं/ Serial No. : 152135

ORIGINAL

डिजाइन सं. / Design No. : 399214-001

तारीख / Date : 04/11/2023

पारस्परिकता तारीख / Reciprocity Date* :

देश / Country :

प्रमाणित किया जाता है कि संलग्न प्रति में वर्णित डिजाइन जो *BONGOS WITH MOBILE STAND* से संबंधित है, का पंजीकरण, श्रेणी 17-04 में 1.Sri Ramakrishna Institute of Technology 2. Dr. M. Paulraj 3.V. R. Meenachi 4.Dr. C. R. Hema 5.R. Immanual के नाम में उपर्युक्त संख्या और तारीख में कर लिया गया है।

Certified that the design of which a copy is annexed hereto has been registered as of the number and date given above in class 17-04 in respect of the application of such design to *BONGOS WITH MOBILE STAND* in the name of 1.Sri Ramakrishna Institute of Technology 2. Dr. M. Paulraj 3.V. R. Meenachi 4.Dr. C. R. Hema 5.R. Immanual.

डिजाइन अधिनियम, 2000 तथा डिजाइन नियम, 2001 के अध्धीन प्रावधानों के अनुसरण में।
In pursuance of and subject to the provisions of the Designs Act, 2000 and the Designs Rules, 2001.

जारी करने की तिथि : 16/04/2024
Date of Issue

महानियंत्रक पेटेंट, डिजाइन और व्यापार चिह्न
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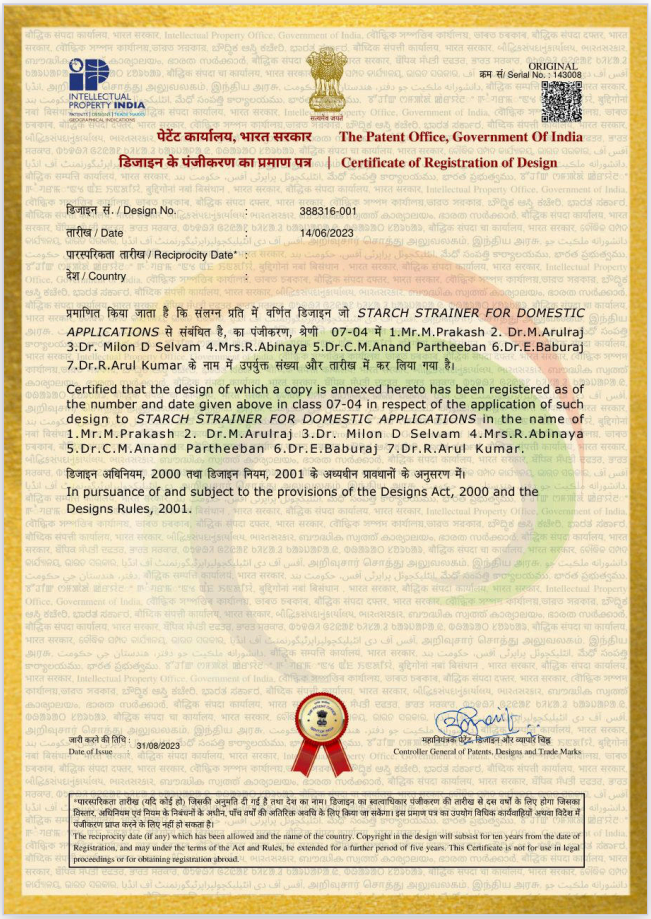
The reciprocity date (if any) which has been allowed and the name of the country. Copyright in the design will subsist for ten years from the date of Registration, and may under the terms of the Act and Rules, be extended for a further period of five years. This Certificate is not for use in legal proceedings or for obtaining registration abroad.



पेटेंट कार्यालय, भारत सरकार The Patent Office, Government Of India

डिजाइन के पंजीकरण का प्रमाण पत्र | Certificate of Registration of Design

क्रम सं/ Serial No. : 143008

ORIGINAL

डिजाइन सं. / Design No. : 388316-001

तारीख / Date : 14/06/2023

पारस्परिकता तारीख / Reciprocity Date* :

देश / Country :

प्रमाणित किया जाता है कि संलग्न प्रति में वर्णित डिजाइन जो *STARCH STRAINER FOR DOMESTIC APPLICATIONS* से संबंधित है, का पंजीकरण, श्रेणी 07-04 में 1.Mr.M.Prakash 2. Dr.M.Arulraj 3.Dr. Milon D Selvam 4.Mrs.R.Abinaya 5.Dr.C.M.Anand Partheeban 6.Dr.E.Baburaj 7.Dr.R.Arul Kumar के नाम में उपर्युक्त संख्या और तारीख में कर लिया गया है।

Certified that the design of which a copy is annexed hereto has been registered as of the number and date given above in class 07-04 in respect of the application of such design to *STARCH STRAINER FOR DOMESTIC APPLICATIONS* in the name of 1.Mr.M.Prakash 2. Dr.M.Arulraj 3.Dr. Milon D Selvam 4.Mrs.R.Abinaya 5.Dr.C.M.Anand Partheeban 6.Dr.E.Baburaj 7.Dr.R.Arul Kumar.

डिजाइन अधिनियम, 2000 तथा डिजाइन नियम, 2001 के अध्धीन प्रावधानों के अनुसरण में।
In pursuance of and subject to the provisions of the Designs Act, 2000 and the Designs Rules, 2001.

जारी करने की तिथि : 31/08/2023
Date of Issue

महानियंत्रक पेटेंट, डिजाइन और व्यापार चिह्न
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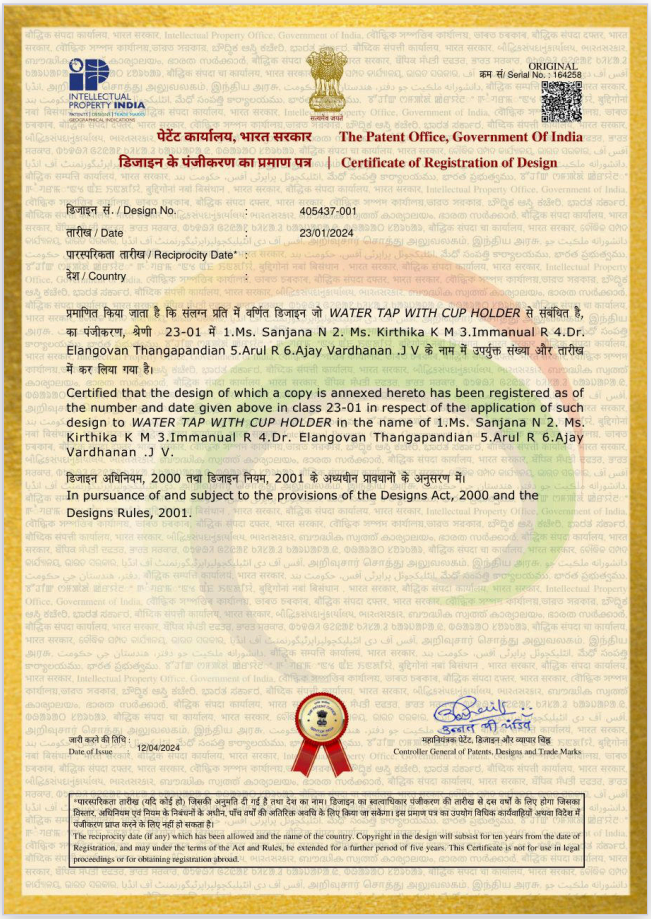

ORIGINAL

क्रम सं/ Serial No. : 164258

पेटेंट कार्यालय, भारत सरकार The Patent Office, Government Of India

डिजाइन के पंजीकरण का प्रमाण पत्र | Certificate of Registration of Design

डिजाइन सं. / Design No.	:	405437-001
तारीख / Date	:	23/01/2024
पारस्परिकता तारीख / Reciprocity Date*	:	
देश / Country	:	

प्रमाणित किया जाता है कि संलग्न प्रति में वर्णित डिजाइन जो *WATER TAP WITH CUP HOLDER* से संबंधित है, का पंजीकरण, श्रेणी 23-01 में 1.Ms. Sanjana N 2. Ms. Kirthika K M 3.Immanual R 4.Dr. Elangovan Thangapandian 5.Arul R 6.Ajay Vardhanan .J V के नाम में उपर्युक्त संख्या और तारीख में कर लिया गया है।

Certified that the design of which a copy is annexed hereto has been registered as of the number and date given above in class 23-01 in respect of the application of such design to *WATER TAP WITH CUP HOLDER* in the name of 1.Ms. Sanjana N 2. Ms. Kirthika K M 3.Immanual R 4.Dr. Elangovan Thangapandian 5.Arul R 6.Ajay Vardhanan .J V.

डिजाइन अधिनियम, 2000 तथा डिजाइन नियम, 2001 के अध्यधीन प्रावधानों के अनुसरण में।
In pursuance of and subject to the provisions of the Designs Act, 2000 and the Designs Rules, 2001.

जारी करने की तिथि : 12/04/2024
Date of Issue

महानियंत्रक पेटेंट, डिजाइन और व्यापार चिह्न
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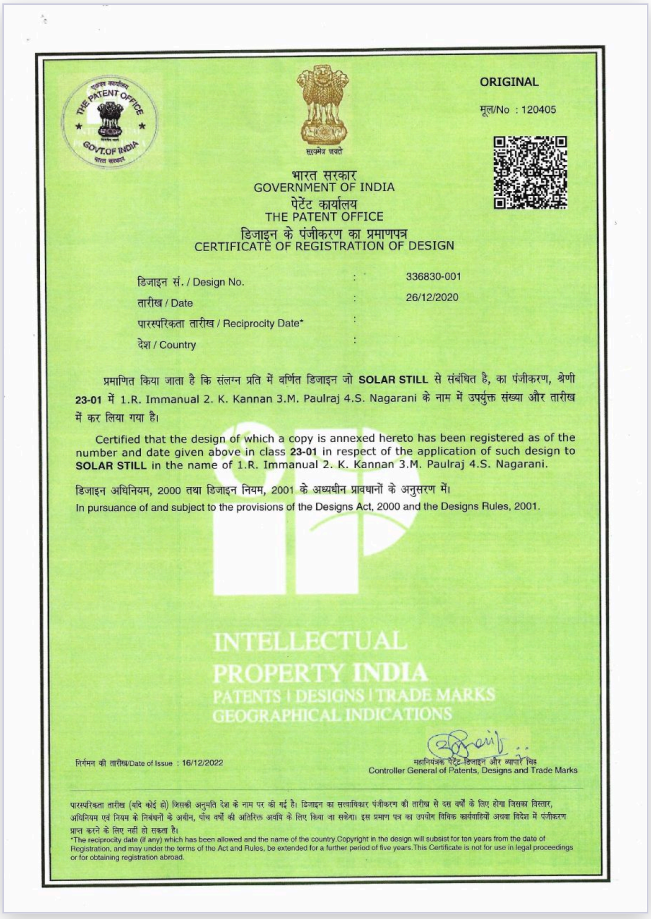
*पारस्परिकता तारीख (यदि कोई हो) जिसकी अनुमति दी गई है तथा देश का नाम। डिजाइन का सत्तासिक्कार पंजीकरण की तारीख से दस वर्षों के लिए होगा जिसका विस्तार, अधिनियम एवं नियम के निबंधनों के अधीन, पाँच वर्षों की अतिरिक्त अवधि के लिए किया जा सकेगा। इस प्रमाण पत्र का उपयोग विधिक कार्यवाहियों अथवा विदेश में पंजीकरण प्राप्त करने के लिए नहीं हो सकता है।
The reciprocity date (if any) which has been allowed and the name of the country. Copyright in the design will subsist for ten years from the date of Registration, and may under the terms of the Act and Rules, be extended for a further period of five years. This Certificate is not for use in legal proceedings or for obtaining registration abroad.



ORIGINAL

मूल/No : 120405

भारत सरकार
GOVERNMENT OF INDIA
पेटेंट कार्यालय
THE PATENT OFFICE
डिजाइन के पंजीकरण का प्रमाणपत्र
CERTIFICATE OF REGISTRATION OF DESIGN

डिजाइन सं. / Design No.	:	336830-001
तारीख / Date	:	26/12/2020
पारस्परिकता तारीख / Reciprocity Date*	:	
देश / Country	:	

प्रमाणित किया जाता है कि संलग्न प्रति में वर्णित डिजाइन जो **SOLAR STILL** से संबंधित है, का पंजीकरण, श्रेणी **23-01** में 1.R. Immanual 2. K. Kannan 3.M. Paulraj 4.S. Nagarani के नाम में उपर्युक्त संख्या और तारीख में कर लिया गया है।

Certified that the design of which a copy is annexed hereto has been registered as of the number and date given above in class **23-01** in respect of the application of such design to **SOLAR STILL** in the name of 1.R. Immanual 2. K. Kannan 3.M. Paulraj 4.S. Nagarani.

डिजाइन अधिनियम, 2000 तथा डिजाइन नियम, 2001 के अध्यधीन प्रावधानों के अनुसरण में।
In pursuance of and subject to the provisions of the Designs Act, 2000 and the Designs Rules, 2001.

INTELLECTUAL PROPERTY INDIA
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निर्गमन की तारीख/Date of Issue : 16/12/2022

महानियंत्रक पेटेंट, डिजाइन और व्यापार चिह्न
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PATENTS| DESIGNS| TRADE MARKS GEOGRAPHICAL INDICATIONS

Docket Number:76489

Date/Time : 31/07/2025
Agent Number:

To,
UTHIRAPATHY,ELAKKIYA
IMMANUAL R Sri Ramakrishna Institute of Technology,Pachapalayam(Post),Perur Chettipalayam,Coimbatore-641010,Tamil Nadu,India
immangwu@gmail.com

Sr No.	CBR No.	Reference Number /Application Type	Application Number	Title/Remarks	Amount Paid
1	45151	ORDINARY APPLICATION	202541072810	PORTABLE ELECTRIC MASSAGER	1750
2		E-2/6907/2025-CHE	202541072810	Form2	0
3		E-3/15491/2025-CHE	202541072810	Form3	0
4		E-5/6596/2025-CHE	202541072810	Form5	0
5	45151	R20254055630	202541072810	Form18	4400
Total :					**6150**

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Payment Mode	Bank Name	Cheque/Draft Number	Cheque/Draft Date	Amount in Rs
Cash	---	---	---	6150

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Docket Number:76485

Date/Time : 31/07/2025
Agent Number:

To,
JEBAMANIRAJ,MALA
Sri Ramakrishna Institute of Technology,Pachapalayam(Post),Perur Chettipalayam,Coimbatore-641010,Tamil Nadu,India

Sr No.	CBR No.	Reference Number /Application Type	Application Number	Title/Remarks	Amount Paid
1	45150	ORDINARY APPLICATION	202541072809	SMART GROCERY CONTAINER	1750
2		E-2/6906/2025-CHE	202541072809	Form2	0
3		E-3/15490/2025-CHE	202541072809	Form3	0
4		E-5/6595/2025-CHE	202541072809	Form5	0
5	45150	R20254055629	202541072809	Form18	4400
Total :					**6150**

Received a sum of Rs. 6150 (Rupees Six Thousand One Hundred & Fifty only) through

Payment Mode	Bank Name	Cheque/Draft Number	Cheque/Draft Date	Amount in Rs
Cash	---	---	---	6150

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Docket Number:76358

Date/Time : 31/07/2025
Agent Number:

To,
VIJAYAKUMAR, PREETHA
Mr R Immanual,Sri Ramakrishna Institute of Technology,Pachapalayam(Post),Perur Chettipalayam,Coimbatore-641010,Tamil Nadu,India

Sr No.	CBR No.	Reference Number /Application Type	Application Number	Title/Remarks	Amount Paid
1	45082	ORDINARY APPLICATION	202541072713	SMART BUCKET QUEUE SYSTEM	1750
2		E-2/6901/2025-CHE	202541072713	Form2	0
3		E-3/15468/2025-CHE	202541072713	Form3	0
4		E-5/6590/2025-CHE	202541072713	Form5	0
5	45082	E-12/17242/2025-CHE	202541072713	Form9	2750
6	45082	R20254055563	202541072713	Form18	4400
Total :					**8900**

Received a sum of Rs. 8900 (Rupees Eight Thousand Nine Hundred only) through

Payment Mode	Bank Name	Cheque/Draft Number	Cheque/Draft Date	Amount in Rs
Cash	---	---	---	8900

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Docket Number:76479

Date/Time : 31/07/2025
Agent Number:

To,
JOHN JOSEPH,ADRI JOVIN
Sri Ramakrishna Institute of Technology,Pachapalayam(Post),Perur Chettipalayam,Coimbatore-641010,Tamil Nadu,India

Sr No.	CBR No.	Reference Number /Application Type	Application Number	Title/Remarks	Amount Paid
1	45145	ORDINARY APPLICATION	202541072801	PORTABLE ELECTRIC FLOOR DRYER	1750
2		E-2/6905/2025-CHE	202541072801	Form2	0
3		E-3/15489/2025-CHE	202541072801	Form3	0
4		E-5/6594/2025-CHE	202541072801	Form5	0
5	45145	R20254055623	202541072801	Form18	4400
Total :					**6150**

Received a sum of Rs. 6150 (Rupees Six Thousand One Hundred & Fifty only) through

Payment Mode	Bank Name	Cheque/Draft Number	Cheque/Draft Date	Amount in Rs
Cash	---	---	---	6150

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Docket Number:76382

Date/Time : 31/07/2025
Agent Number:

To,
SELVAN ,ANNE SUSAN GEORGENA
Mr R Immanual,Sri Ramakrishna Institute of Technology,Pachapalayam(Post),Perur Chettipalayam,Coimbatore-641010,Tamil Nadu,India

Sr No.	CBR No.	Reference Number /Application Type	Application Number	Title/Remarks	Amount Paid
1	45102	ORDINARY APPLICATION	202541072731	PASSIVE THERMAL MANAGEMENT SYSTEM USING OPTIMIZED MICROCHANNEL ARCHITECTURE AND CAPILLARY-DRIVEN FLU	1750
2		E-2/6902/2025-CHE	202541072731	Form2	0
3		E-3/15472/2025-CHE	202541072731	Form3	0
4		E-5/6592/2025-CHE	202541072731	Form5	0
5	45102	E-12/17246/2025-CHE	202541072731	Form9	2750
6	45102	R20254055571	202541072731	Form18	4400
				Total :	**8900**

Received a sum of Rs. 8900 (Rupees Eight Thousand Nine Hundred only) through

Payment Mode	Bank Name	Cheque/Draft Number	Cheque/Draft Date	Amount in Rs
Cash	---	---	---	8900

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Docket Number:76496

Date/Time : 31/07/2025
Agent Number:

To,
RAJKUMAR, IMMANUAL
IMMANUAL R Sri Ramakrishna Institute of Technology,Pachapalayam(Post),Perur Chettipalayam,Coimbatore-641010,Tamil Nadu,India
immangwu@gmail.com

Sr No.	CBR No.	Reference Number /Application Type	Application Number	Title/Remarks	Amount Paid
1	45158	ORDINARY APPLICATION	202541072831	ACOUSTIC BATTERY COOLING SYSTEM WITH AI-CONTROLLED FREQUENCY OPTIMIZATION	1750
2		E-2/6909/2025-CHE	202541072831	Form2	0
3		E-3/15493/2025-CHE	202541072831	Form3	0
4		E-5/6598/2025-CHE	202541072831	Form5	0
5	45158	R20254055636	202541072831	Form18	4400
				Total :	**6150**

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Payment Mode	Bank Name	Cheque/Draft Number	Cheque/Draft Date	Amount in Rs
Cash	---	---	---	6150

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Docket Number:76490

Date/Time : 31/07/2025
Agent Number:

To,
RAJKUMAR,IMMANUAL
IMMANUAL R Sri Ramakrishna Institute of Technology,Pachapalayam(Post),Perur Chettipalayam,Coimbatore-641010,Tamil Nadu,India
immangwu@gmail.com

Sr No.	CBR No.	Reference Number /Application Type	Application Number	Title/Remarks	Amount Paid
1	45153	ORDINARY APPLICATION	202541072817	A SMART BONGO THERAPY SYSTEM FOR AUTISM SENSORY-MOTOR REHABILITATION	1750
2		E-2/6908/2025-CHE	202541072817	Form2	0
3		E-3/15492/2025-CHE	202541072817	Form3	0
4		E-5/6597/2025-CHE	202541072817	Form5	0
5	45153	R20254055633	202541072817	Form18	4400
				Total :	**6150**

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Payment Mode	Bank Name	Cheque/Draft Number	Cheque/Draft Date	Amount in Rs
Cash	---	---	---	6150

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8/29/25, 11:23 AM Others(EDUCATIONAL INSTITUTE DOCUMENT)

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Docket Number:73392

Date/Time : 23/07/2025
Agent Number:

To,
SRI RAMAKRISHNA INSTITUTE OF TECHNOLOGY
SRI RAMAKRISHNA INSTITUTE OF TECHNOLOGY, PACHAPALAYAM(POST), PERUR CHETTIPALAYAM, COIMBATORE, TAMILNADU, 9677817992, immangwu@gmail.com

Sr No.	CBR No.	Reference Number /Application Type	Application Number	Title/Remarks	Amount Paid
1	43381	ORDINARY APPLICATION	202541069954	VISUAL INTELLIGENCE SYSTEM FOR TRANSPARENT ANALYSIS AND ADVANCED METAL SCRAP CLASSIFICATION USING EX	1750
2		E-2/6649/2025-CHE	202541069954	Form2	0
3		E-3/14769/2025-CHE	202541069954	Form3	0
4		E-5/6219/2025-CHE	202541069954	Form5	0
5	43381	R20254053573	202541069954	Form18	4400
6		E-106/13878/2025-CHE	202541069954	Form28	0
7		E-101/10185/2025-CHE	202541069954	Others(EDUCATIONAL INSTITUTE DOCUMENT)	0
				Total :	**6150**

Received a sum of Rs. 6150 (Rupees Six Thousand One Hundred & Fifty only) through

Payment Mode	Bank Name	Cheque/Draft Number	Cheque/Draft Date	Amount in Rs
Cash	---	---	---	6150

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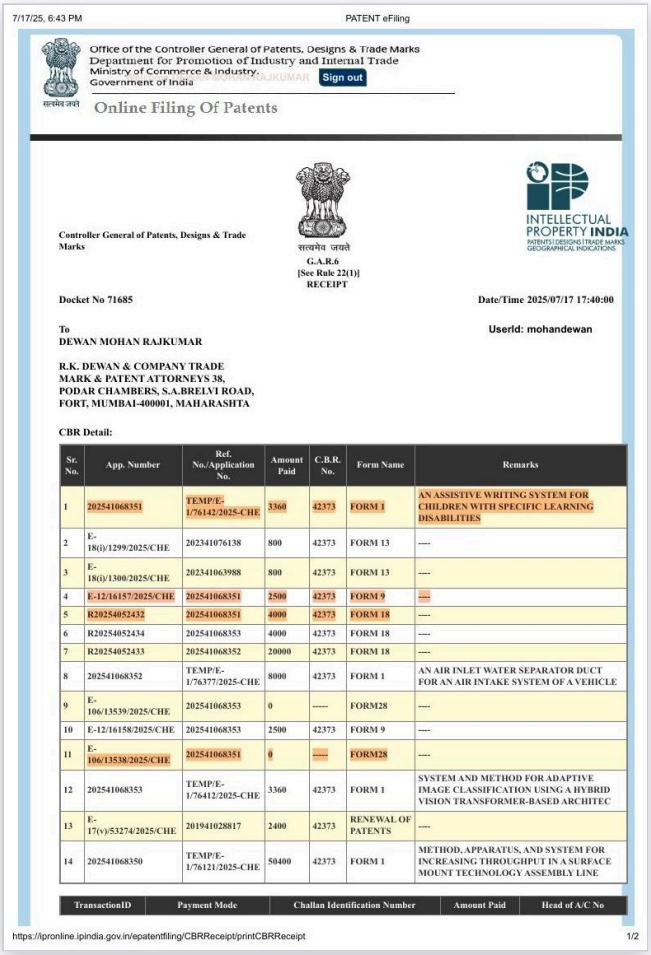

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DEWAN MOHAN RAJKUMAR

UserId: mohandewan

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MARK & PATENT ATTORNEYS 38,
PODAR CHAMBERS, S.A.BRELVI ROAD,
FORT, MUMBAI-400001, MAHARASHTA

CBR Detail:

Sr. No.	App. Number	Ref. No./Application No.	Amount Paid	C.B.R. No.	Form Name	Remarks
1	202541068351	TEMP/E-1/76142/2025-CHE	3360	42373	FORM 1	AN ASSISTIVE WRITING SYSTEM FOR CHILDREN WITH SPECIFIC LEARNING DISABILITIES
2	E-18(i)/1299/2025/CHE	202341076138	800	42373	FORM 13	----
3	E-18(i)/1300/2025/CHE	202341063988	800	42373	FORM 13	----
4	E-12/16157/2025/CHE	202541068351	2500	42373	FORM 9	----
5	R2025052432	202541068351	4000	42373	FORM 18	----
6	R2025052434	202541068353	4000	42373	FORM 18	----
7	R2025052433	202541068352	20000	42373	FORM 18	----
8	202541068352	TEMP/E-1/76377/2025-CHE	8000	42373	FORM 1	AN AIR INLET WATER SEPARATOR DUCT FOR AN AIR INTAKE SYSTEM OF A VEHICLE
9	E-106/13539/2025/CHE	202541068353	0	-----	FORM28	----
10	E-12/16158/2025/CHE	202541068353	2500	42373	FORM 9	----
11	E-106/13538/2025/CHE	202541068351	0	-----	FORM28	----
12	202541068353	TEMP/E-1/76412/2025-CHE	3360	42373	FORM 1	SYSTEM AND METHOD FOR ADAPTIVE IMAGE CLASSIFICATION USING A HYBRID VISION TRANSFORMER-BASED ARCHITEC
13	E-17(v)/53274/2025/CHE	201941028817	2400	42373	RENEWAL OF PATENTS	----
14	202541068350	TEMP/E-1/76121/2025-CHE	50400	42373	FORM 1	METHOD, APPARATUS, AND SYSTEM FOR INCREASING THROUGHPUT IN A SURFACE MOUNT TECHNOLOGY ASSEMBLY LINE

TransactionID	Payment Mode	Challan Identification Number	Amount Paid	Head of A/C No

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Date/Time 2025/07/20

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Sr. No.	App. Number	Ref. No./Application No.	Amount Paid	C.B.R. No.	Form Name	Remarks
1	202541069129	TEMP/E-1/77153/2025-CHE	1000	42806	FORM 1	Deep Learning-Based Image Captioning Using Feedback-Augmented CNN and Ranked LSTM Mechanism
2	E-12/16317/2025/CHE	202541069129	2500	42806	FORM 9	----

TransactionID	Payment Mode	Challan Identification Number	Amount Paid	Head of A/C No
N-0001713971	Online Bank Transfer	2007250001892	4100.00	1475001020000001

Total Amount: ₹ 4100.00
Amount in Words: Rupees Four Thousand One Hundred Only

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Docket No 81608

Date/Time 2024/06/16 13:30:54

To
Dr.S.Nagarani, Department of Mathematics, Sri Ramakrishna Institute of Technology, Coimbatore 641010

CBR Detail:

Sr. No.	App. Number	Ref. No./Application No.	Amount Paid	C.B.R. No.	Form Name	Remarks
1	202441046400	TEMP/E-1/54125/2024-CHE	1600	39648	FORM 1	REAL-TIME ADAPTIVE TRAFFIC FLOW MANAGEMENT USING STOCHASTIC MATHEMATICAL MODELS
2	E-12/8152/2024/CHE	202441046400	2500	39648	FORM 9	----

TransactionID	Payment Mode	Challan Identification Number	Amount Paid	Head of A/C No
N-0001441538	Online Bank Transfer	1606240003068	4100.00	1475001020000001

Total Amount : ₹ 4100.00
Amount in Words: Rupees Four Thousand One Hundred Only

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Docket No 81609

Date/Time 2024/06/16 13:53:15

To
Dr.S.Nagarani, Department of Mathematics, Sri Ramakrishna Institute of Technology, Coimbatore-641010

CBR Detail:

Sr. No.	App. Number	Ref. No./Application No.	Amount Paid	C.B.R. No.	Form Name	Remarks
1	202441046401	TEMP/E-1/54124/2024-CHE	1600	39649	FORM 1	DYNAMIC MATHEMATICAL MODELING AND SIMULATION PLATFORM FOR EPIDEMIC PREDICTION AND CONTROL
2	E-12/8153/2024/CHE	202441046401	2500	39649	FORM 9	----

TransactionID	Payment Mode	Challan Identification Number	Amount Paid	Head of A/C No
N-0001441541	Online Bank Transfer	1606240003282	4100.00	1475001020000001

Total Amount : ₹ 4100.00
Amount in Words: Rupees Four Thousand One Hundred Only

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Docket No 23017

Date/Time 2024/02/13 16:05:00

To

UserId: inpa3649

Dr. S.Nagarani,
Department of Mathematics, Sri Ramakrishna Institute of Technology, Coimbatore-641010

CBR Detail:

Sr. No.	App. Number	Ref. No./Application No.	Amount Paid	C.B.R. No.	Form Name	Remarks
1	202441009708	TEMP/E-1/11098/2024-CHE	1600	9505	FORM 1	UNCONVENTIONAL SOLUTIONS TO NONLINEAR FRACTIONAL SHOCK WAVE EQUATIONS BY COMBINING TWO NUMERICAL TEC
2	E-12/1465/2024/CHE	202441009708	2500	9505	FORM 9	----

TransactionID	Payment Mode	Challan Identification Number	Amount Paid	Head of A/C No
N-0001328498	Online Bank Transfer	1302240035420	4100.00	1475001020000001

Total Amount : ₹ 4100.00
Amount in Words: Rupees Four Thousand One Hundred Only

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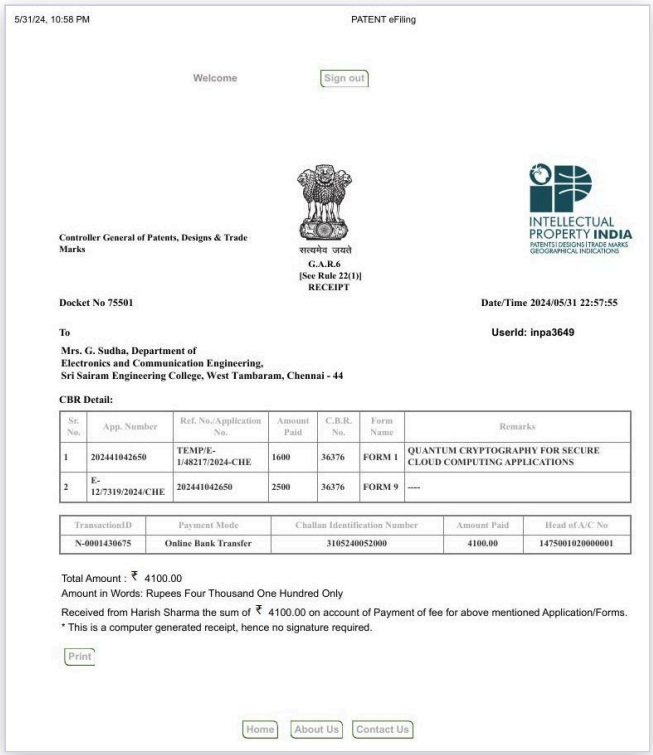

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Docket No 75501

Date/Time 2024/05/31 22:57:55

To

UserId: inpa3649

Mrs. G. Sudha, Department of
Electronics and Communication Engineering,
Sri Sairam Engineering College, West Tambaram, Chennai - 44

CBR Detail:

Sr. No.	App. Number	Ref. No./Application No.	Amount Paid	C.B.R. No.	Form Name	Remarks
1	202441042650	TEMP/E-1/48217/2024-CHE	1600	36376	FORM 1	QUANTUM CRYPTOGRAPHY FOR SECURE CLOUD COMPUTING APPLICATIONS
2	E-12/7319/2024/CHE	202441042650	2500	36376	FORM 9	----

TransactionID	Payment Mode	Challan Identification Number	Amount Paid	Head of A/C No
N-0001430675	Online Bank Transfer	3105240052000	4100.00	1475001020000001

Total Amount : ₹ 4100.00
Amount in Words: Rupees Four Thousand One Hundred Only

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Docket No 50743

Date/Time 2024/04/03 19:03:02

To
DEWAN MOHAN RAJKUMAR

UserId: mohandewan

R.K. DEWAN & COMPANY TRADE
MARK & PATENT ATTORNEYS 38,
PODAR CHAMBERS, S.A.BRELVI ROAD,
FORT, MUMBAI-400001, MAHARASHTA

CBR Detail:

Sr. No.	App. Number	Ref. No./Application No.	Amount Paid	C.B.R. No.	Form Name	Remarks
1	202441027699	TEMP/E-1/32350/2024-CHE	1600	23119	FORM 1	A SOLAR BASED THREE-DIMENSIONAL STILL
2	E-10/9/2024/CHE	201741011235	7500	23119	NOTICE FOR ATTENDING HEARING	----
3	FA/1498/CHE/2024	NULL	1600	23119	FORM 25	----

TransactionID	Payment Mode	Challan Identification Number	Amount Paid	Head of A/C No
N-0001383069	Online Bank Transfer	0304240048331	10700.00	1475001020000001

Total Amount : ₹ 10700.00
Amount in Words: Rupees Ten Thousand Seven Hundred Only

Received from DEWAN MOHAN RAJKUMAR the sum of ₹ 10700.00 on account of Payment of fee for above mentioned Application/Forms.
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Docket No 81609

Date/Time 2024/06/16 13:53:15

To
Dr.S.Nagarani, Department of
Mathematics, Sri Ramakrishna Institute of Technology, Coimbatore-641010

CBR Detail:

Sr. No.	App. Number	Ref. No./Application No.	Amount Paid	C.B.R. No.	Form Name	Remarks
1	202441046401	TEMP/E-1/54124/2024-CHE	1600	39649	FORM 1	DYNAMIC MATHEMATICAL MODELING AND SIMULATION PLATFORM FOR EPIDEMIC PREDICTION AND CONTROL
2	E-12/8153/2024/CHE	202441046401	2500	39649	FORM 9	----

TransactionID	Payment Mode	Challan Identification Number	Amount Paid	Head of A/C No
N-0001441541	Online Bank Transfer	1606240003282	4100.00	1475001020000001

Total Amount : ₹ 4100.00
Amount in Words: Rupees Four Thousand One Hundred Only

Received from Harish Sharma the sum of ₹ 4100.00 on account of Payment of fee for above mentioned Application/Forms.
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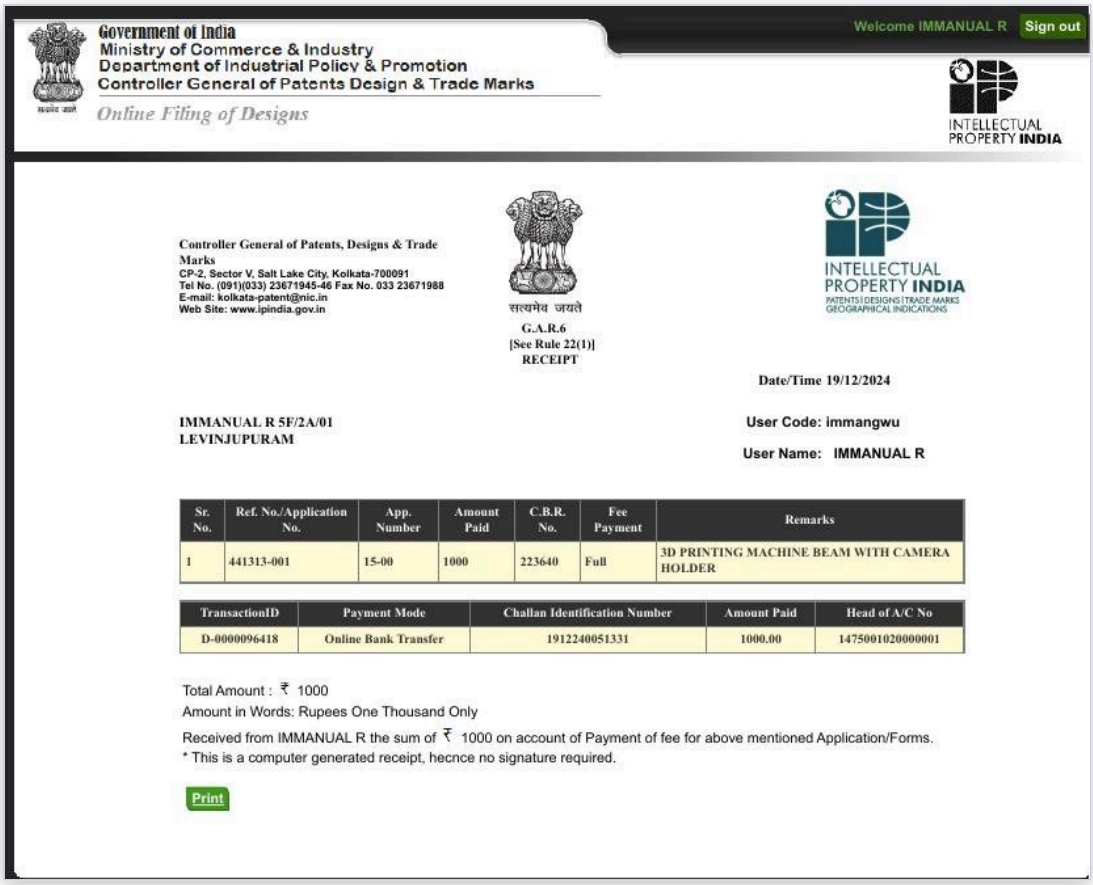

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Date/Time 19/12/2024

IMMANUAL R 5F/2A/01
LEVINJUPURAM

User Code: immangwu
User Name: IMMANUAL R

Sr. No.	Ref. No./Application No.	App. Number	Amount Paid	C.B.R. No.	Fee Payment	Remarks
1	441313-001	15-00	1000	223640	Full	3D PRINTING MACHINE BEAM WITH CAMERA HOLDER

TransactionID	Payment Mode	Challan Identification Number	Amount Paid	Head of A/C No
D-0000096418	Online Bank Transfer	1912240051331	1000.00	1475001020000001

Total Amount : ₹ 1000
Amount in Words: Rupees One Thousand Only

Received from IMMANUAL R the sum of ₹ 1000 on account of Payment of fee for above mentioned Application/Forms.
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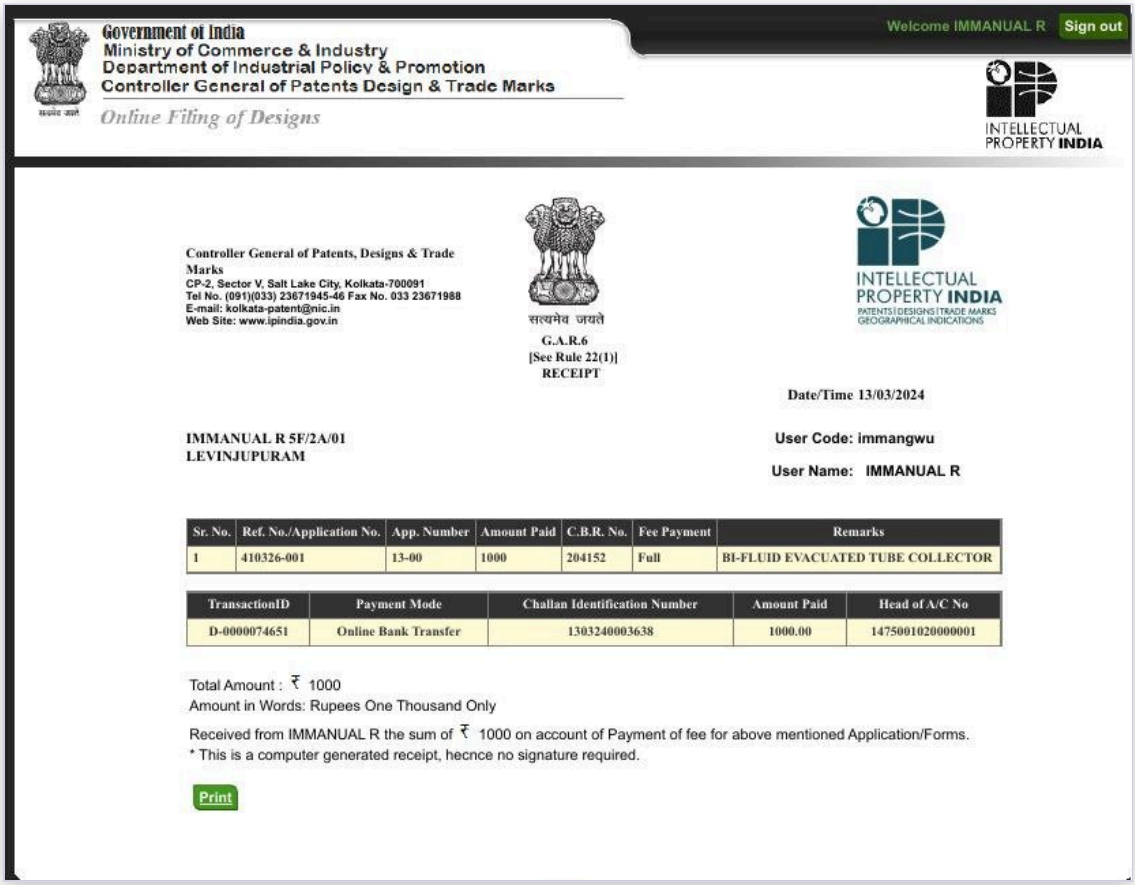

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Date/Time 13/03/2024

IMMANUAL R 5F/2A/01
LEVINJUPURAM

User Code: immangwu
User Name: IMMANUAL R

Sr. No.	Ref. No./Application No.	App. Number	Amount Paid	C.B.R. No.	Fee Payment	Remarks
1	410326-001	13-00	1000	204152	Full	BI-FLUID EVACUATED TUBE COLLECTOR

TransactionID	Payment Mode	Challan Identification Number	Amount Paid	Head of A/C No
D-0000074651	Online Bank Transfer	1303240003638	1000.00	1475001020000001

Total Amount : ₹ 1000
Amount in Words: Rupees One Thousand Only

Received from IMMANUAL R the sum of ₹ 1000 on account of Payment of fee for above mentioned Application/Forms.
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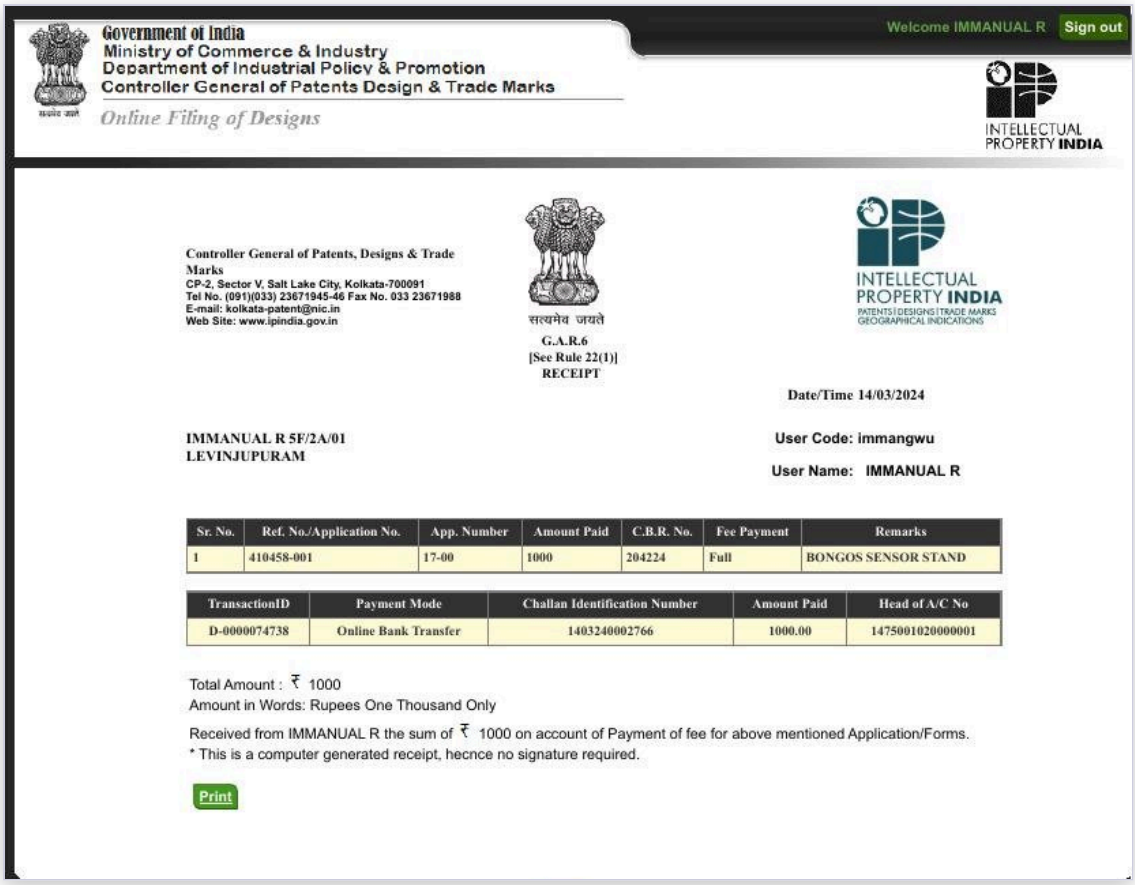

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Date/Time 14/03/2024

IMMANUAL R 5F/2A/01
LEVINJUPURAM

User Code: immangwu
User Name: IMMANUAL R

Sr. No.	Ref. No./Application No.	App. Number	Amount Paid	C.B.R. No.	Fee Payment	Remarks
1	410458-001	17-00	1000	204224	Full	BONGOS SENSOR STAND

TransactionID	Payment Mode	Challan Identification Number	Amount Paid	Head of A/C No
D-0000074738	Online Bank Transfer	1403240002766	1000.00	1475001020000001

Total Amount : ₹ 1000
Amount in Words: Rupees One Thousand Only

Received from IMMANUAL R the sum of ₹ 1000 on account of Payment of fee for above mentioned Application/Forms.
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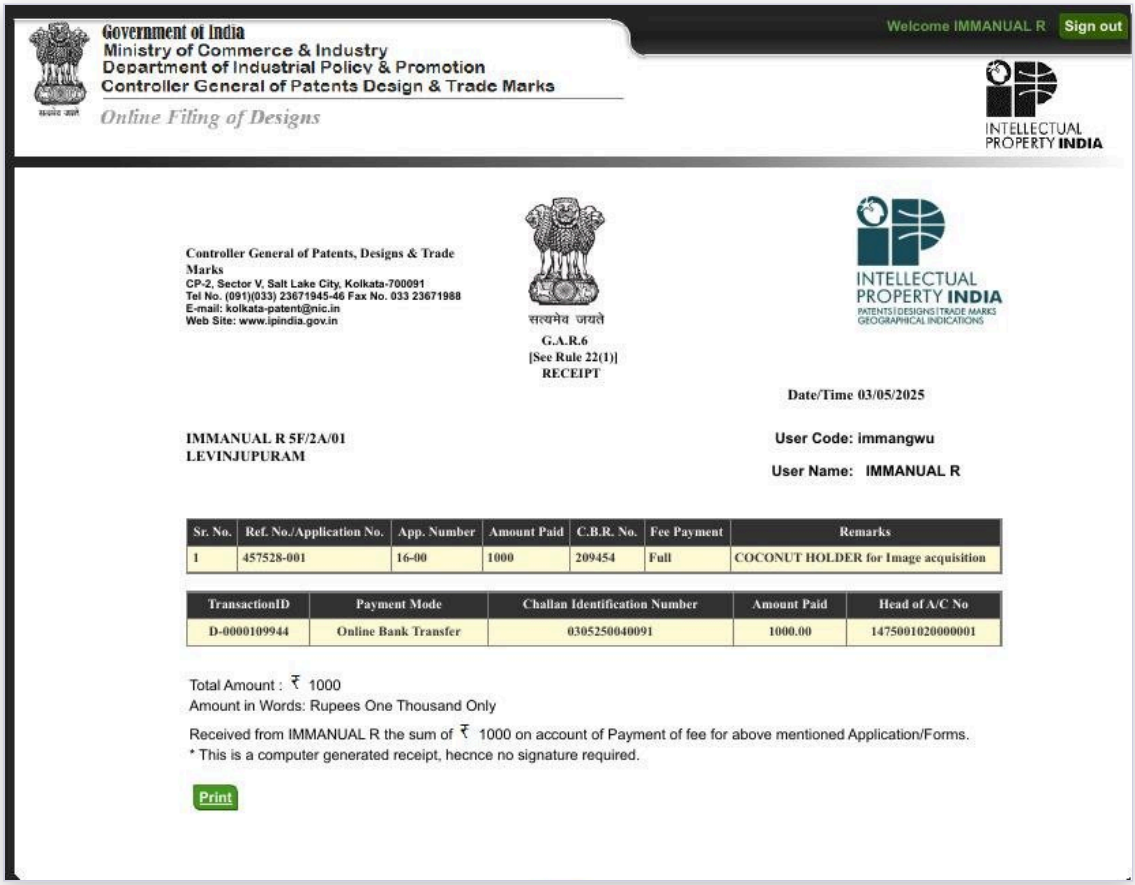

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Date/Time 03/05/2025

IMMANUAL R 5F/2A/01
LEVINJUPURAM

User Code: immangwu
User Name: IMMANUAL R

Sr. No.	Ref. No./Application No.	App. Number	Amount Paid	C.B.R. No.	Fee Payment	Remarks
1	457528-001	16-00	1000	209454	Full	COCONUT HOLDER for Image acquisition

TransactionID	Payment Mode	Challan Identification Number	Amount Paid	Head of A/C No
D-0000109944	Online Bank Transfer	0305250040091	1000.00	1475001020000001

Total Amount : ₹ 1000
Amount in Words: Rupees One Thousand Only

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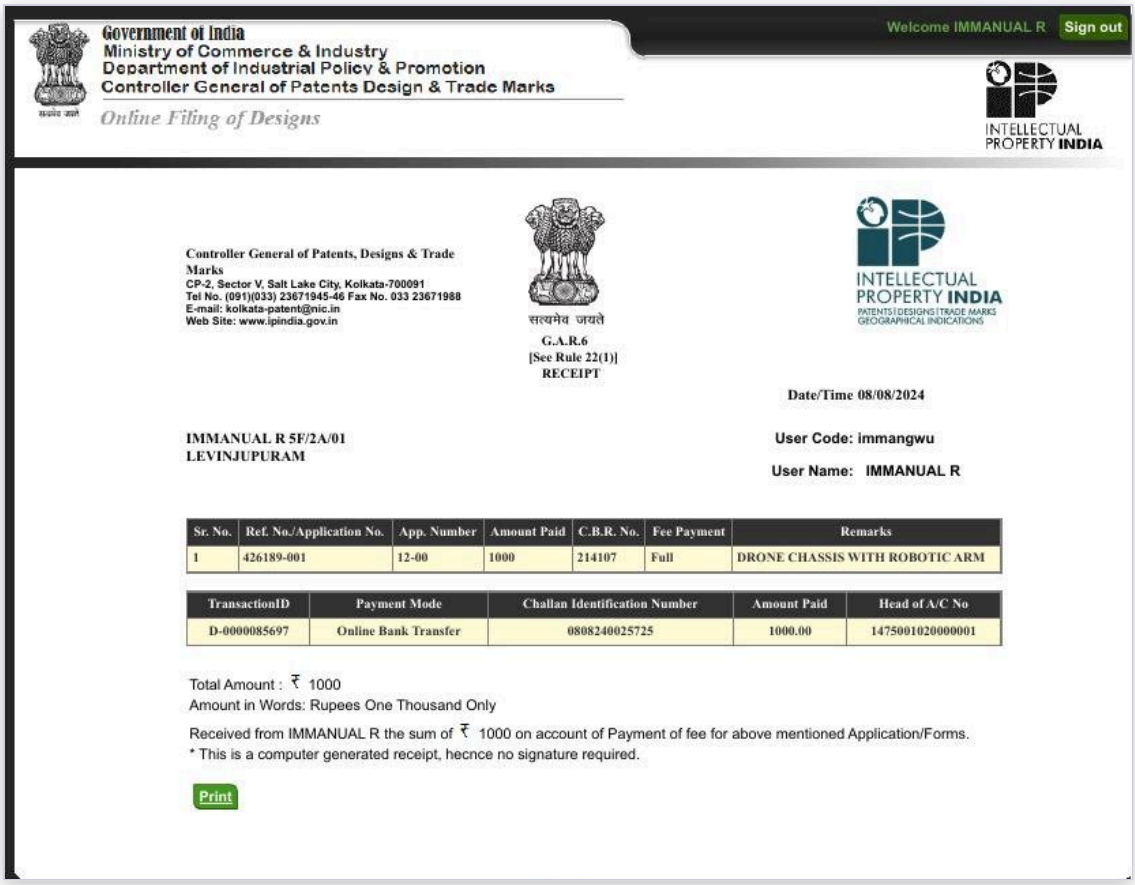

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Date/Time 08/08/2024

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LEVINJUPURAM

User Code: immangwu
User Name: IMMANUAL R

Sr. No.	Ref. No./Application No.	App. Number	Amount Paid	C.B.R. No.	Fee Payment	Remarks
1	426189-001	12-00	1000	214107	Full	DRONE CHASSIS WITH ROBOTIC ARM

TransactionID	Payment Mode	Challan Identification Number	Amount Paid	Head of A/C No
D-0000085697	Online Bank Transfer	0808240025725	1000.00	1475001020000001

Total Amount : ₹ 1000
Amount in Words: Rupees One Thousand Only

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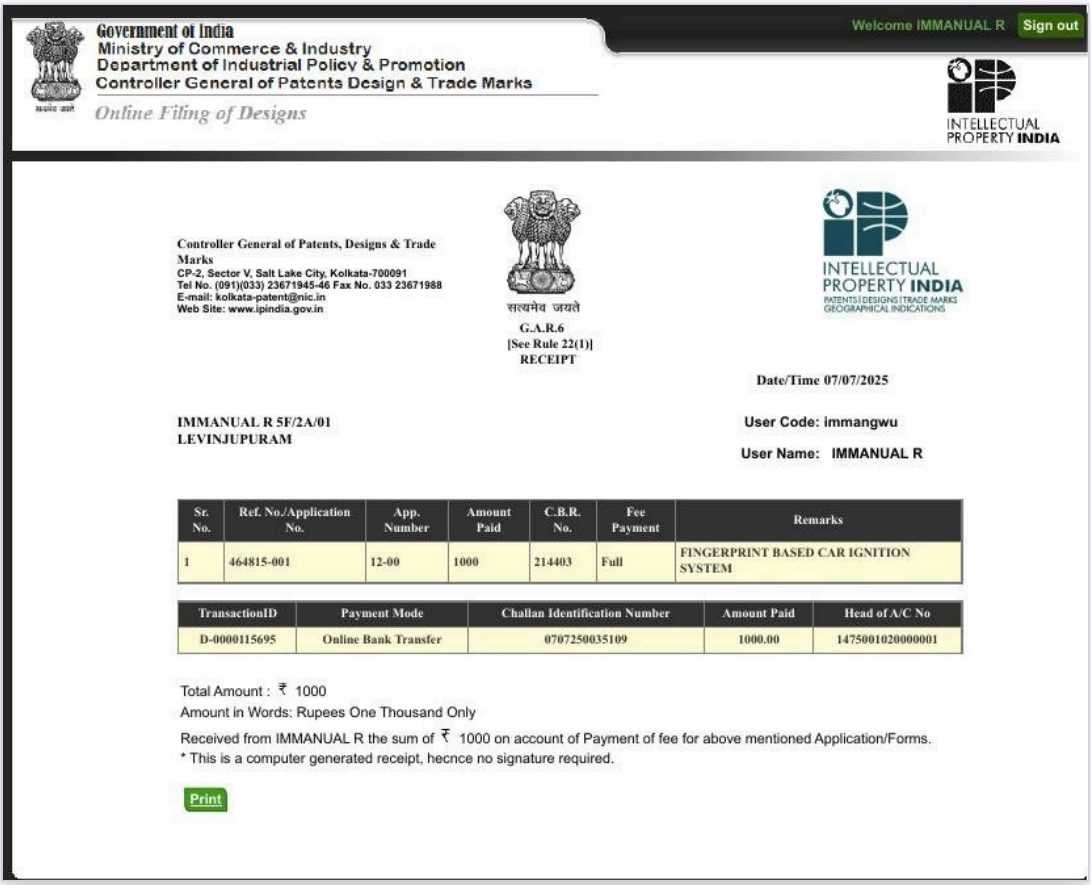

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Date/Time 07/07/2025

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User Code: immangwu
User Name: IMMANUAL R

Sr. No.	Ref. No./Application No.	App. Number	Amount Paid	C.B.R. No.	Fee Payment	Remarks
1	464815-001	12-00	1000	214403	Full	FINGERPRINT BASED CAR IGNITION SYSTEM

TransactionID	Payment Mode	Challan Identification Number	Amount Paid	Head of A/C No
D-0000115695	Online Bank Transfer	0707250035109	1000.00	1475001020000001

Total Amount : ₹ 1000
Amount in Words: Rupees One Thousand Only

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Date/Time 14/03/2024

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User Code: immangwu
User Name: IMMANUAL R

Sr. No.	Ref. No./Application No.	App. Number	Amount Paid	C.B.R. No.	Fee Payment	Remarks
1	410522-001	23-00	1000	204263	Full	FLOATING SOLAR STILL

TransactionID	Payment Mode	Challan Identification Number	Amount Paid	Head of A/C No
D-0000074777	Online Bank Transfer	1403240037174	1000.00	1475001020000001

Total Amount : ₹ 1000
Amount in Words: Rupees One Thousand Only

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Date/Time 01/08/2025

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LEVINJUPURAM

User Code: immangwu
User Name: IMMANUAL R

Sr. No.	Ref. No./Application No.	App. Number	Amount Paid	C.B.R. No.	Fee Payment	Remarks
1	468221-001	08-00	1000	216742	Full	FUSION HOLDER

TransactionID	Payment Mode	Challan Identification Number	Amount Paid	Head of A/C No
D-0000118298	Online Bank Transfer	0108250058543	1000.00	1475001020000001

Total Amount : ₹ 1000
Amount in Words: Rupees One Thousand Only

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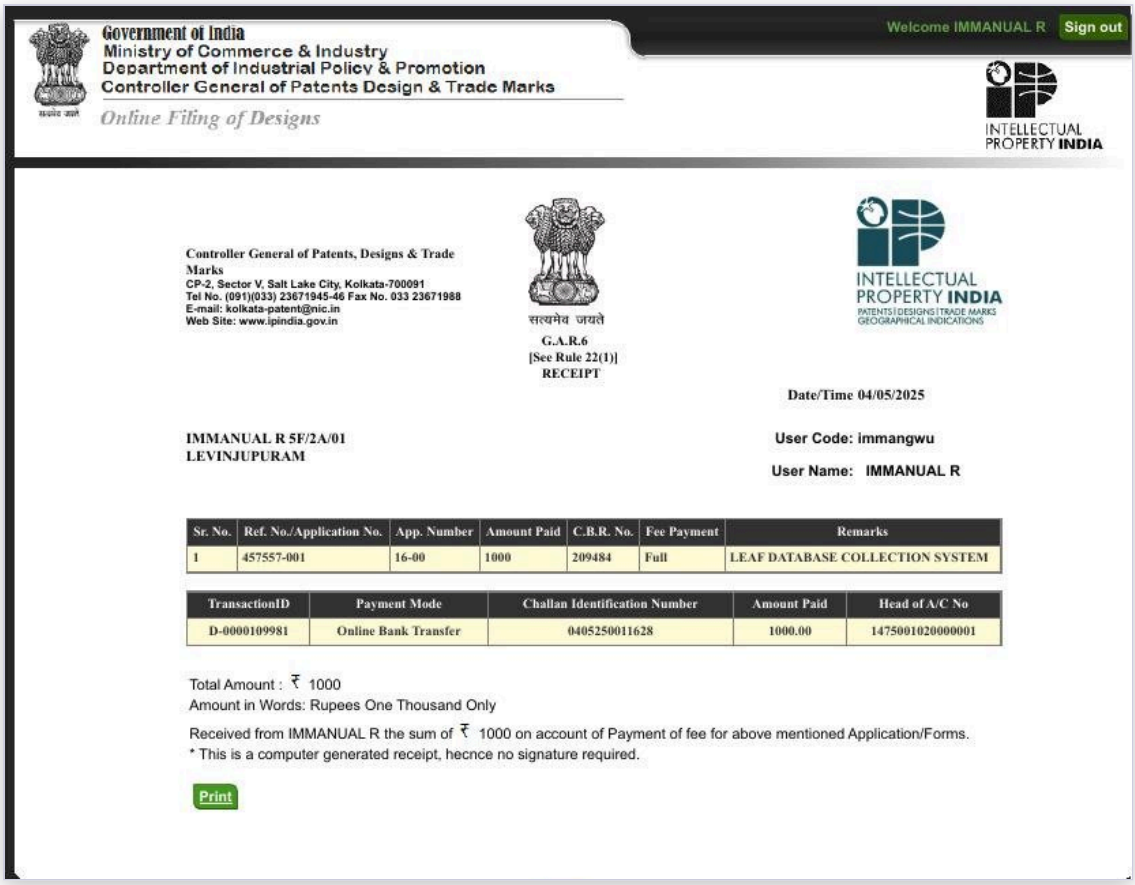

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Date/Time 04/05/2025

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LEVINJUPURAM

User Code: immangwu
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Sr. No.	Ref. No./Application No.	App. Number	Amount Paid	C.B.R. No.	Fee Payment	Remarks
1	457557-001	16-00	1000	209484	Full	LEAF DATABASE COLLECTION SYSTEM

TransactionID	Payment Mode	Challan Identification Number	Amount Paid	Head of A/C No
D-0000109981	Online Bank Transfer	0405250011628	1000.00	1475001020000001

Total Amount : ₹ 1000
Amount in Words: Rupees One Thousand Only

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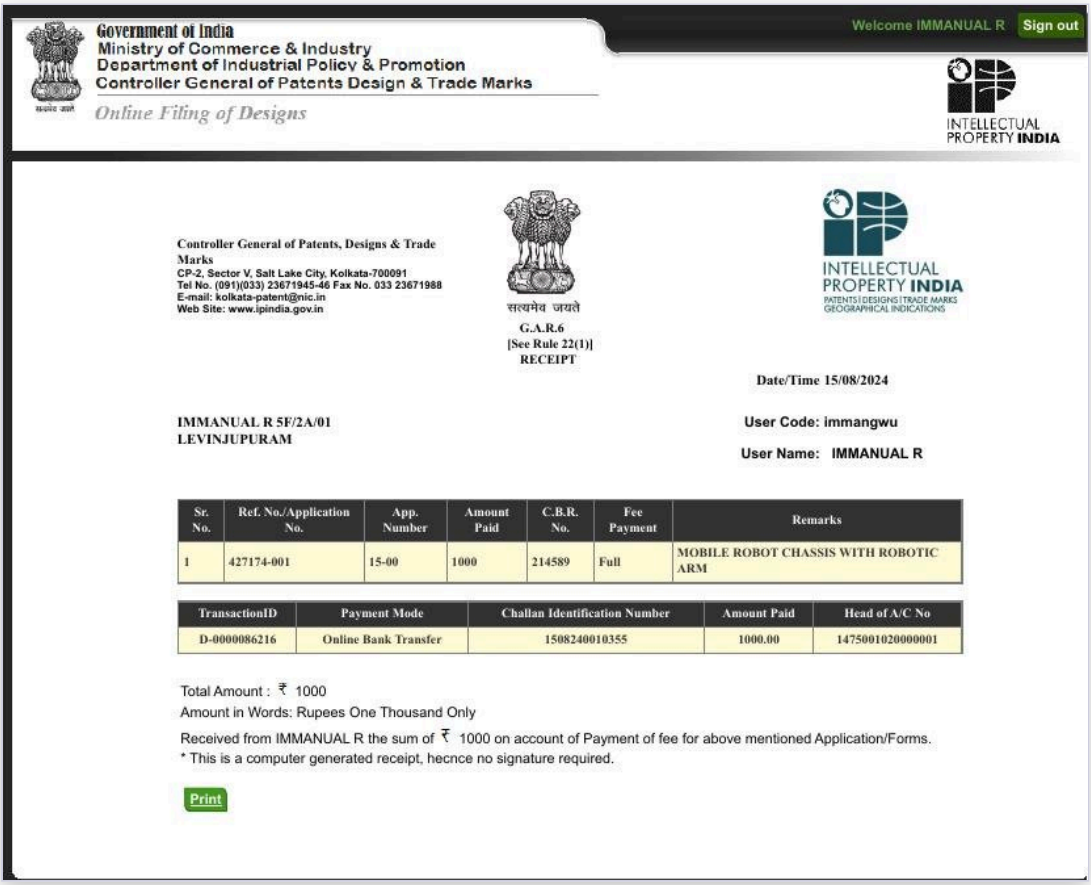

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Date/Time 15/08/2024

IMMANUAL R 5F/2A/01
LEVINJUPURAM

User Code: immangwu
User Name: IMMANUAL R

Sr. No.	Ref. No./Application No.	App. Number	Amount Paid	C.B.R. No.	Fee Payment	Remarks
1	427174-001	15-00	1000	214589	Full	MOBILE ROBOT CHASSIS WITH ROBOTIC ARM

TransactionID	Payment Mode	Challan Identification Number	Amount Paid	Head of A/C No
D-0000086216	Online Bank Transfer	1508240010355	1000.00	1475001020000001

Total Amount : ₹ 1000
Amount in Words: Rupees One Thousand Only

Received from IMMANUAL R the sum of ₹ 1000 on account of Payment of fee for above mentioned Application/Forms.
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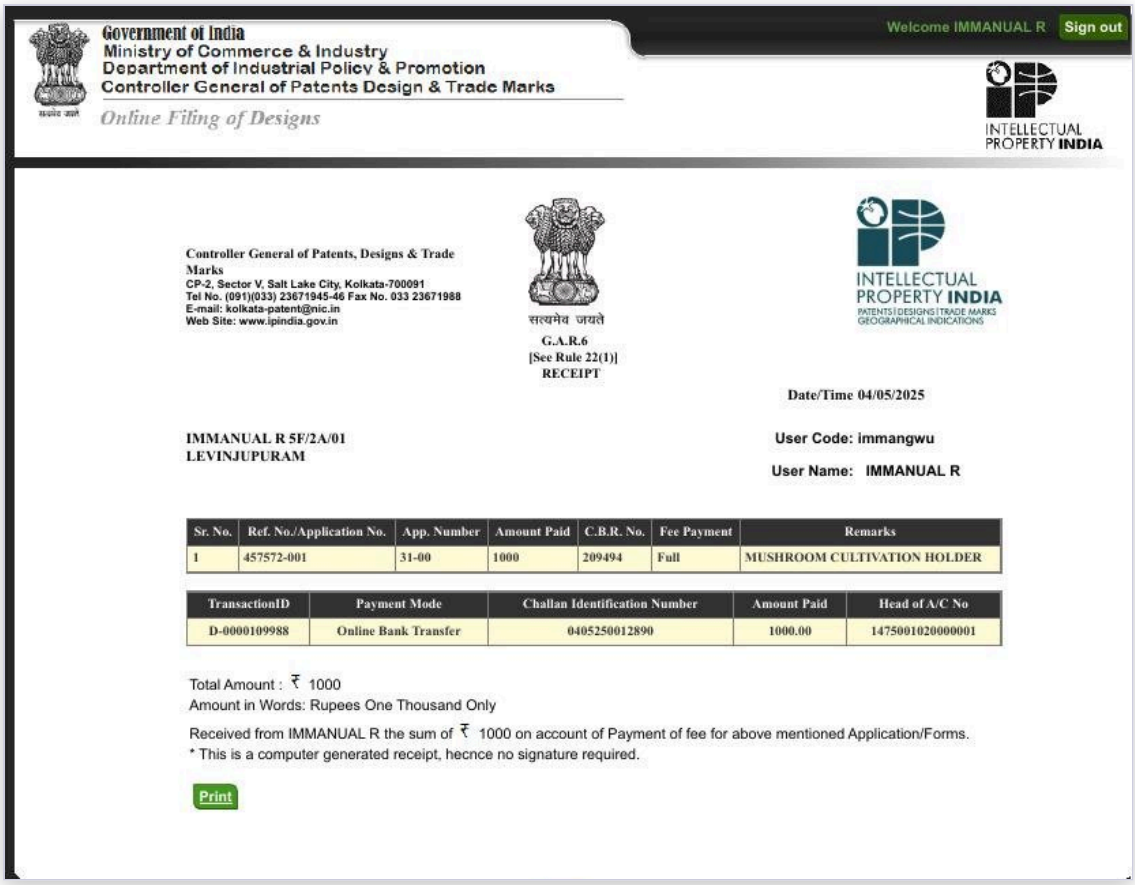

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Date/Time 04/05/2025

IMMANUAL R 5F/2A/01
LEVINJUPURAM

User Code: immangwu
User Name: IMMANUAL R

Sr. No.	Ref. No./Application No.	App. Number	Amount Paid	C.B.R. No.	Fee Payment	Remarks
1	457572-001	31-00	1000	209494	Full	MUSHROOM CULTIVATION HOLDER

TransactionID	Payment Mode	Challan Identification Number	Amount Paid	Head of A/C No
D-0000109988	Online Bank Transfer	0405250012890	1000.00	1475001020000001

Total Amount : ₹ 1000
Amount in Words: Rupees One Thousand Only

Received from IMMANUAL R the sum of ₹ 1000 on account of Payment of fee for above mentioned Application/Forms.
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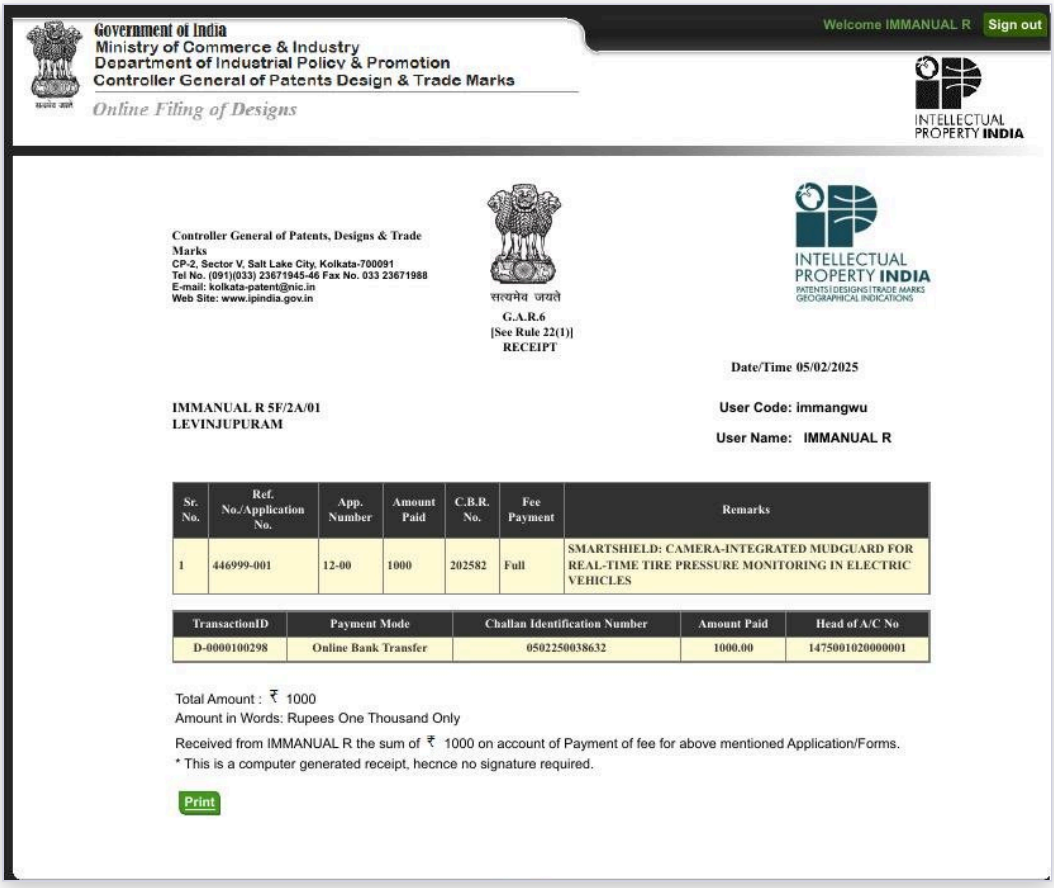

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Date/Time 05/02/2025

IMMANUAL R 5F/2A/01
LEVINJUPURAM

User Code: immangwu
User Name: IMMANUAL R

Sr. No.	Ref. No./Application No.	App. Number	Amount Paid	C.B.R. No.	Fee Payment	Remarks
1	446999-001	12-00	1000	202582	Full	SMARTSHIELD: CAMERA-INTEGRATED MUDGUARD FOR REAL-TIME TIRE PRESSURE MONITORING IN ELECTRIC VEHICLES

TransactionID	Payment Mode	Challan Identification Number	Amount Paid	Head of A/C No
D-0000100298	Online Bank Transfer	0502250038632	1000.00	1475001020000001

Total Amount : ₹ 1000
Amount in Words: Rupees One Thousand Only

Received from IMMANUAL R the sum of ₹ 1000 on account of Payment of fee for above mentioned Application/Forms.
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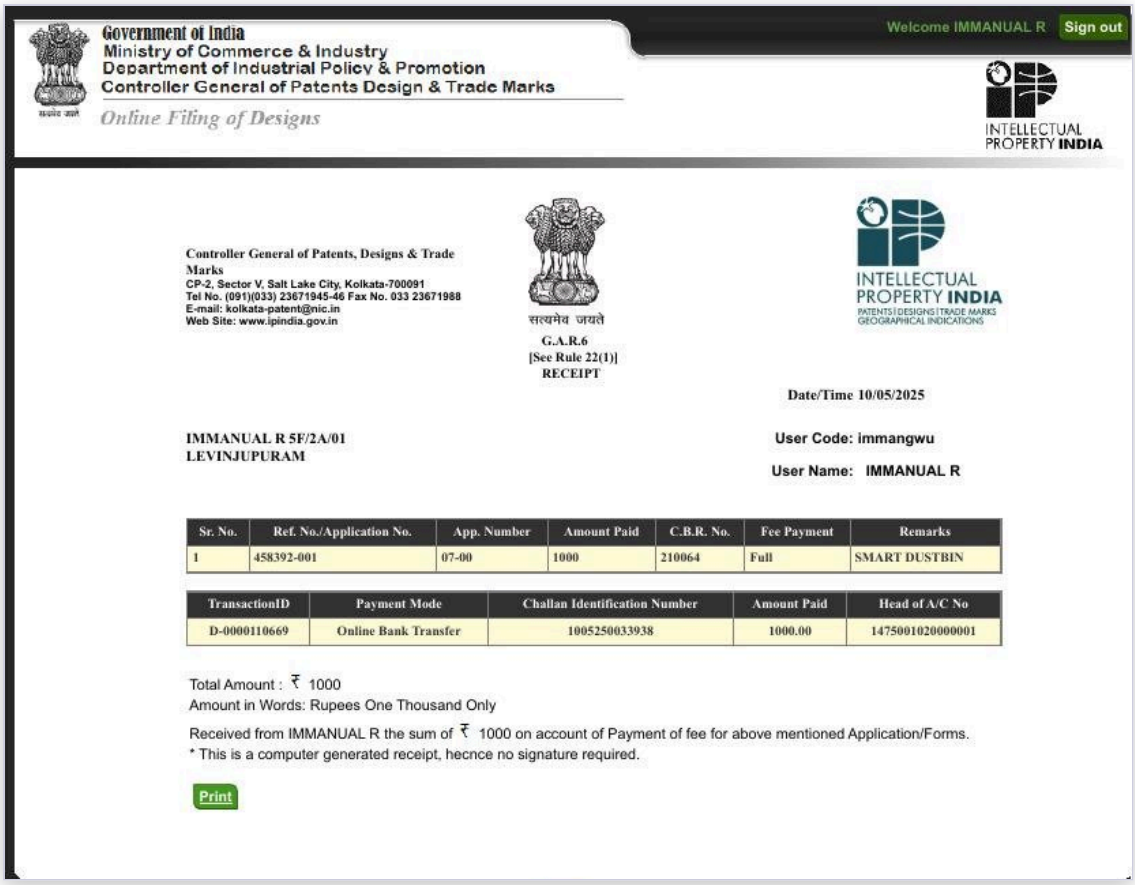

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Date/Time 10/05/2025

IMMANUAL R 5F/2A/01
LEVINJUPURAM

User Code: immangwu
User Name: IMMANUAL R

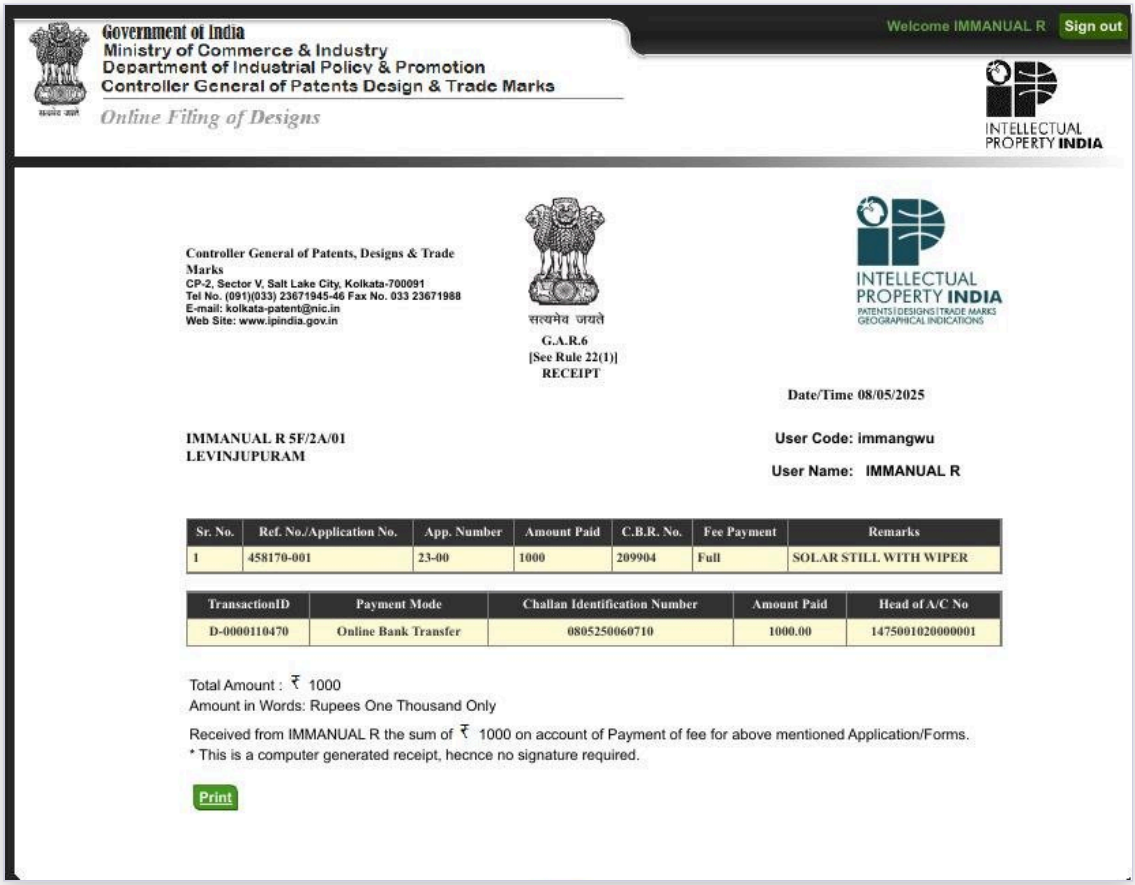
Sr. No.	Ref. No./Application No.	App. Number	Amount Paid	C.B.R. No.	Fee Payment	Remarks
1	458392-001	07-00	1000	210064	Full	SMART DUSTBIN

TransactionID	Payment Mode	Challan Identification Number	Amount Paid	Head of A/C No
D-0000110669	Online Bank Transfer	1005250033938	1000.00	1475001020000001

Total Amount : ₹ 1000
Amount in Words: Rupees One Thousand Only

Received from IMMANUAL R the sum of ₹ 1000 on account of Payment of fee for above mentioned Application/Forms.
* This is a computer generated receipt, hecnce no signature required.

Print



Government of India
Ministry of Commerce & Industry
Department of Industrial Policy & Promotion
Controller General of Patents Design & Trade Marks
Online Filing of Designs

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E-mail: kolkata-patent@nic.in
Web Site: www.ipindia.gov.in

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G.A.R.6
[See Rule 22(1)]
RECEIPT

Date/Time 08/05/2025

IMMANUAL R 5F/2A/01
LEVINJUPURAM

User Code: immangwu
User Name: IMMANUAL R

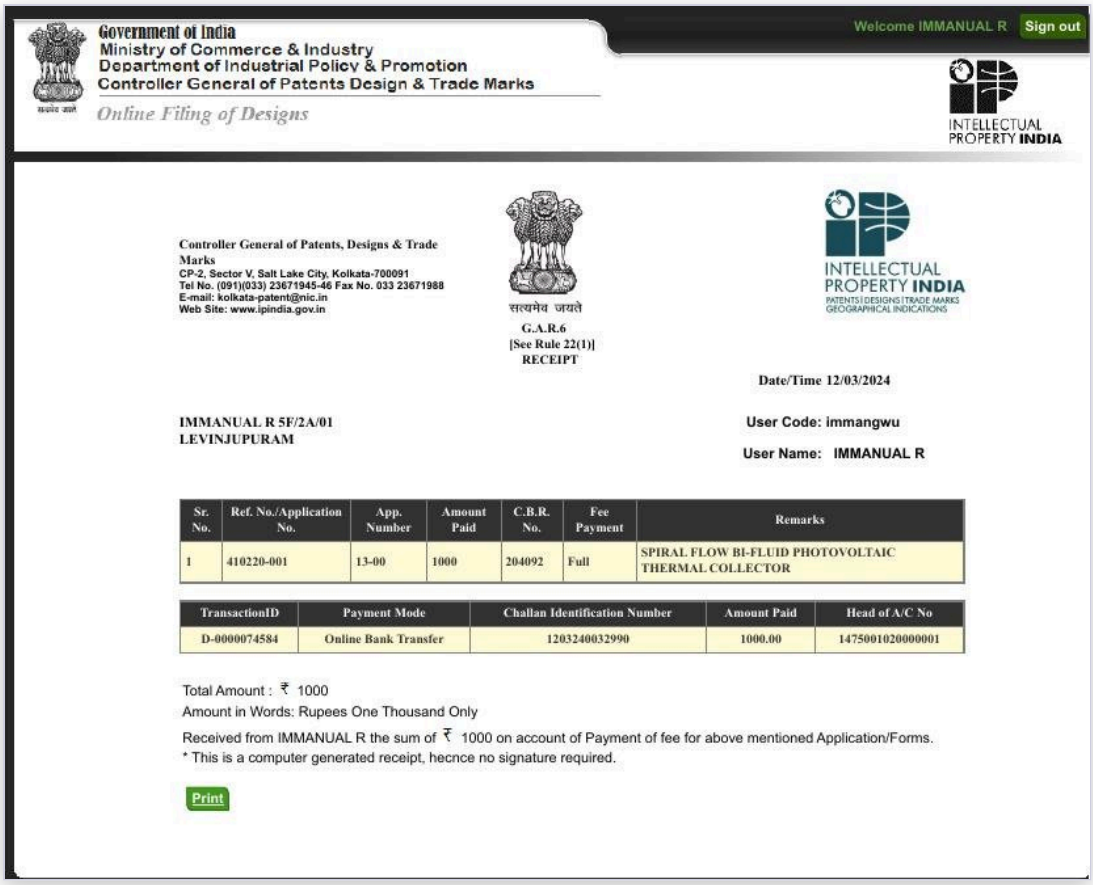
Sr. No.	Ref. No./Application No.	App. Number	Amount Paid	C.B.R. No.	Fee Payment	Remarks
1	458170-001	23-00	1000	209904	Full	SOLAR STILL WITH WIPER

TransactionID	Payment Mode	Challan Identification Number	Amount Paid	Head of A/C No
D-0000110470	Online Bank Transfer	0805250060710	1000.00	1475001020000001

Total Amount : ₹ 1000
Amount in Words: Rupees One Thousand Only

Received from IMMANUAL R the sum of ₹ 1000 on account of Payment of fee for above mentioned Application/Forms.
* This is a computer generated receipt, hecnce no signature required.

Print



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Date/Time 12/03/2024

IMMANUAL R 5F/2A/01
LEVINJUPURAM

User Code: immangwu
User Name: IMMANUAL R

Sr. No.	Ref. No./Application No.	App. Number	Amount Paid	C.B.R. No.	Fee Payment	Remarks
1	410220-001	13-00	1000	204092	Full	SPIRAL FLOW BI-FLUID PHOTOVOLTAIC THERMAL COLLECTOR

TransactionID	Payment Mode	Challan Identification Number	Amount Paid	Head of A/C No
D-0000074584	Online Bank Transfer	1203240032990	1000.00	1475001020000001

Total Amount : ₹ 1000
Amount in Words: Rupees One Thousand Only

Received from IMMANUAL R the sum of ₹ 1000 on account of Payment of fee for above mentioned Application/Forms.
* This is a computer generated receipt, hecnce no signature required.

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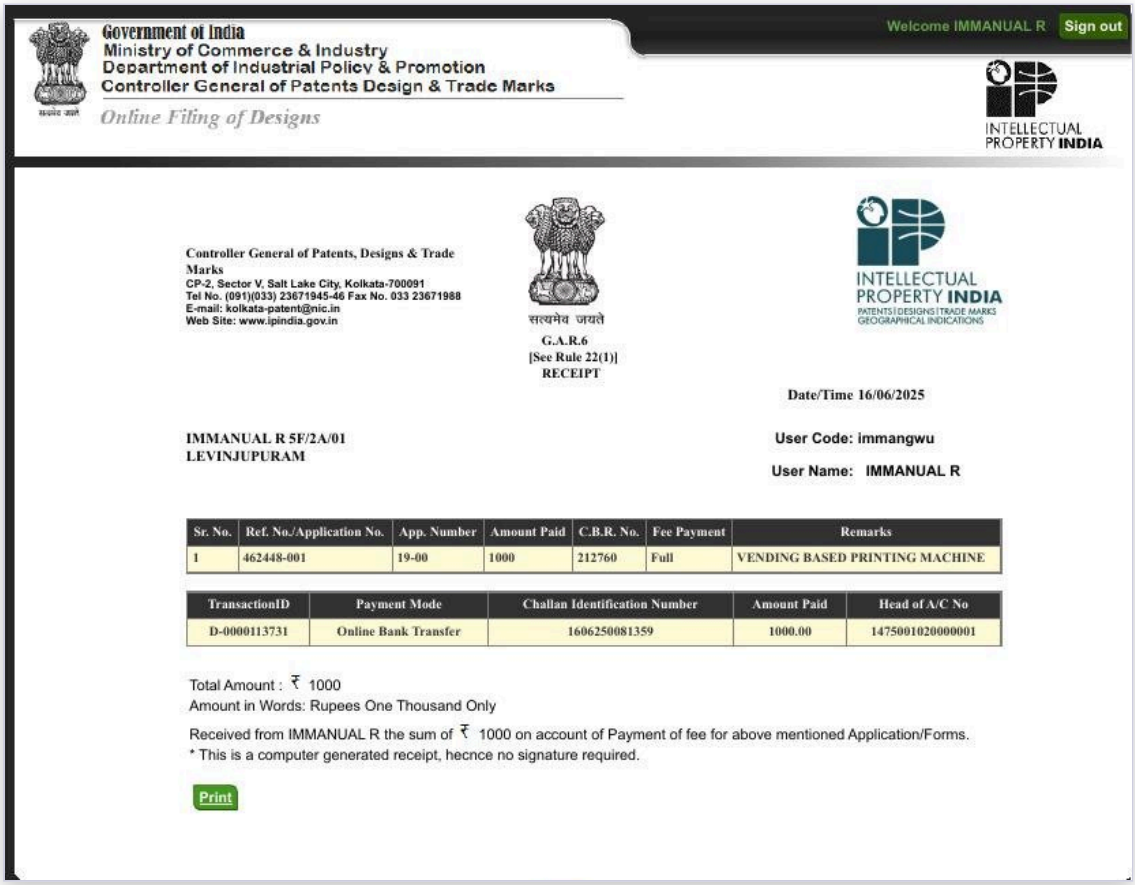

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Date/Time 16/06/2025

IMMANUAL R 5F/2A/01
LEVINJUPURAM

User Code: immangwu
User Name: IMMANUAL R

Sr. No.	Ref. No./Application No.	App. Number	Amount Paid	C.B.R. No.	Fee Payment	Remarks
1	462448-001	19-00	1000	212760	Full	VENDING BASED PRINTING MACHINE

TransactionID	Payment Mode	Challan Identification Number	Amount Paid	Head of A/C No
D-0000113731	Online Bank Transfer	1606250081359	1000.00	1475001020000001

Total Amount : ₹ 1000
Amount in Words: Rupees One Thousand Only

Received from IMMANUAL R the sum of ₹ 1000 on account of Payment of fee for above mentioned Application/Forms.
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[See Rule 22(1)]
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Date/Time 15/09/2024

IMMANUAL R 5F/2A/01
LEVINJUPURAM

User Code: immangwu
User Name: IMMANUAL R

Sr. No.	Ref. No./Application No.	App. Number	Amount Paid	C.B.R. No.	Fee Payment	Remarks
1	430581-001	07-00	1000	216831	Full	WASHROOM CLEANING ROBOT

TransactionID	Payment Mode	Challan Identification Number	Amount Paid	Head of A/C No
D-0000088664	Online Bank Transfer	1509240006676	1000.00	1475001020000001

Total Amount : ₹ 1000
Amount in Words: Rupees One Thousand Only

Received from IMMANUAL R the sum of ₹ 1000 on account of Payment of fee for above mentioned Application/Forms.
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[See Rule 22(1)]
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Date/Time 19/05/2024

IMMANUAL R 5F/2A/01
LEVINJUPURAM

User Code: immangwu
User Name: IMMANUAL R

Sr. No.	Ref. No./Application No.	App. Number	Amount Paid	C.B.R. No.	Fee Payment	Remarks
1	417374-001	23-00	1000	208566	Full	WATER TAP WITH LAMP HOLDER

TransactionID	Payment Mode	Challan Identification Number	Amount Paid	Head of A/C No
D-0000079499	Online Bank Transfer	1905240003599	1000.00	1475001020000001

Total Amount : ₹ 1000
Amount in Words: Rupees One Thousand Only

Received from IMMANUAL R the sum of ₹ 1000 on account of Payment of fee for above mentioned Application/Forms.
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6/25/24, 9:14 AM search.ipindia.gov.in//DesignQRStatus/CBR_Viewer.aspx?CbrNo=MjEwOTk3&Date=MjQvMDYvMjAyNA==&IPO=SVBPMw==

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Te No. (091)(033) 23671945-46, 87 FAX No. 033 23671988
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Web Site : www.ipindia.gov.in

GOVERNMENT OF INDIA

INTELLECTUAL PROPERTY INDIA

C.B.R. NO : 210997

Date/Time : 24/06/2024

To
DR. R. DHARMAPRAKASH & OTHERS
DR. R. DHARMAPRAKASH, PROFESSOR, DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING, PANIMALAR ENGINEERING COLLEGE, POONAMALLEE, CHENNAI, TANILNADU-600123, INDIA

Sr No.	Reference Number	Application Number	Name of Article	Amount Paid	Amount Computed
1	421045-001	421045-001	SUN LIGHT TRACKING SOLAR PANEL SYSTEM/13-04	1000	1000

Received a sum of Rs. 1000 (Rupees One Thousand only) through

Payment Mode	Bank Name	Cheque/Draft Number	Cheque/Draft Date	Amount in Rs.
Draft	State Bank of India	377257	15/06/2024 00:00:00	1000

Note: This is electronically generated receipt hence no signature required.

12/25/24, 10:19 AM Design eFiling

Welcome Saurabh Kumar Jain Sign out

Controller General of Patents, Designs & Trade Marks
CP-2, Sector V, Salt Lake City, Kolkata-700091
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RECEIPT

Date/Time 25/12/2024

To
Saurabh Kumar Jain
F-440, Delta-1, Greater Noida

User Code: rsaurabh26
User Name: Saurabh Kumar Jain

CBR Detail:

Sr. No.	Ref. No./Application No.	App. Number	Amount Paid	C.B.R. No.	Form Name	Remarks
1	[redacted]		1000	224072	FORM 1	[redacted]
2	[redacted]		1000	224072	FORM 1	[redacted]
3	[redacted]		1000	224072	FORM 1	[redacted]
4	[redacted]		1000	224072	FORM 1	[redacted]
5	[redacted]		1000	224072	FORM 1	[redacted]
6	[redacted]		1000	224072	FORM 1	[redacted]
7	[redacted]		1000	224072	FORM 1	[redacted]
8	[redacted]		4000	224072	FORM 1	[redacted]
9	441933-001		1000	224072	FORM 1	AI BASED CUSTOMER SERVICE CHATBOT
10	[redacted]		1000	224072	FORM 1	[redacted]

TransactionID	Payment Mode	Challan Identification Number	Amount Paid	Head of A/C No
D-0000096919	Online Bank Transfer	2512240001776	13000.00	1475001020000001

Total Amount : ₹ 13000
Amount in Words: Rupees Thirteen Thousand Only
Received from Saurabh Kumar Jain the sum of ₹ 13000 on account of Payment of fee for above mentioned Application/Forms.
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[See Rule 22(1)]
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Docket No 40641 Date/Time 2026/03/21 22:17:41

IMMANUAL R Sri Ramakrishna
Institute of Technology
Pachapalayam (Post), Perur
Chettipalayam, Coimbatore - 641 010, INDIA Phone: +91-9677817992 Email: immangwu@gmail.com

Sr. No.	App. Number	Ref. No./Application No.	Amount Paid	C.B.R. No.	Form Name	Fee Payment	Remarks
1	202641034420	TEMP/E-1/37110/2026-CHE	1600	22741	FORM 1	Full	EXTENDED REALITY TELEOPERATION SYSTEM WITH 360-DEGREE VIDEO STREAMING AND REAL-TIME DIGITAL TWIN MONITORING FOR REMOTE ENVIRONMENT EXPLORATION

TransactionID	Payment Mode	Challan Identification Number	Amount Paid	Head of A/C No
N-0001901680	Online Bank Transfer	2103260041620	1600.00	1475001020000001

Total Amount : ₹ 1600.00
Amount in Words: Rupees One Thousand Six Hundred Only

Received from IMMANUAL R the sum of ₹ 1600.00 on account of Payment of fee for above mentioned Application/Forms.
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Web Site: www.ipindia.gov.in

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Docket No 40649 Date/Time 2026/03/21 22:30:18

IMMANUAL R Sri Ramakrishna
Institute of Technology
Pachapalayam (Post), Perur
Chettipalayam, Coimbatore - 641 010, INDIA Phone: +91-9677817992 Email: immangwu@gmail.com

Sr. No.	App. Number	Ref. No./Application No.	Amount Paid	C.B.R. No.	Form Name	Fee Payment	Remarks
1	E-12/8694/2026/CHE	202641034420	2500	22746	FORM 9	Full	

TransactionID	Payment Mode	Challan Identification Number	Amount Paid	Head of A/C No
N-0001901689	Online Bank Transfer	2103260041783	2500.00	1475001020000001

Total Amount : ₹ 2500.00
Amount in Words: Rupees Two Thousand Five Hundred Only

Received from IMMANUAL R the sum of ₹ 2500.00 on account of Payment of fee for above mentioned Application/Forms.
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Docket No 40653 Date/Time 2026/03/21 22:39:31

IMMANUAL R Sri Ramakrishna
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Pachapalayam (Post), Perur
Chettipalayam, Coimbatore - 641
010, INDIA Phone: +91-
9677817992 Email:
immangwu@gmail.com

Sr. No.	App. Number	Ref. No./Application No.	Amount Paid	C.B.R. No.	Form Name	Fee Payment	Remarks
1	R20264020045	202641034420	4000	22748	FORM 18	Full	

TransactionID	Payment Mode	Challan Identification Number	Amount Paid	Head of A/C No
N-0001901693	Online Bank Transfer	2103260041878	4000.00	1475001020000001

Total Amount : ₹ 4000.00
Amount in Words: Rupees Four Thousand Only

Received from IMMANUAL R the sum of ₹ 4000.00 on account of Payment of fee for above mentioned Application/Forms.
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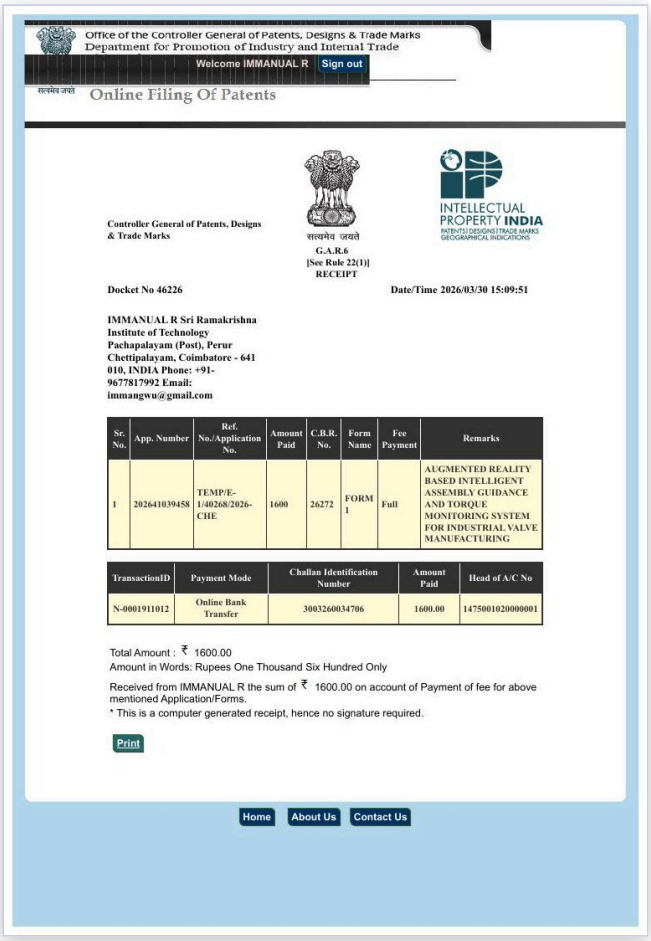

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Docket No 46226 Date/Time 2026/03/30 15:09:51

IMMANUAL R Sri Ramakrishna
Institute of Technology
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Chettipalayam, Coimbatore - 641
010, INDIA Phone: +91-
9677817992 Email:
immangwu@gmail.com

Sr. No.	App. Number	Ref. No./Application No.	Amount Paid	C.B.R. No.	Form Name	Fee Payment	Remarks
1	202641039458	TEMP/E-1/40268/2026-CHE	1600	26272	FORM 1	Full	AUGMENTED REALITY BASED INTELLIGENT ASSEMBLY GUIDANCE AND TORQUE MONITORING SYSTEM FOR INDUSTRIAL VALVE MANUFACTURING

TransactionID	Payment Mode	Challan Identification Number	Amount Paid	Head of A/C No
N-0001911012	Online Bank Transfer	3003260034706	1600.00	1475001020000001

Total Amount : ₹ 1600.00
Amount in Words: Rupees One Thousand Six Hundred Only

Received from IMMANUAL R the sum of ₹ 1600.00 on account of Payment of fee for above mentioned Application/Forms.
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Docket No 50601 Date/Time 2026/04/07 09:17:31

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Institute of Technology
Pachapalayam (Post), Perur
Chettipalayam, Coimbatore - 641 010, INDIA Phone: +91-9677817992 Email: immangwu@gmail.com

Sr. No.	App. Number	Ref. No./Application No.	Amount Paid	C.B.R. No.	Form Name	Fee Payment	Remarks
1	E-12/10875/2026/CHE	202641039458	2500	28801	FORM 9	Full	

TransactionID	Payment Mode	Challan Identification Number	Amount Paid	Head of A/C No
N-0001918460	Online Bank Transfer	0704260004059	2500.00	1475001020000001

Total Amount : ₹ 2500.00
Amount in Words: Rupees Two Thousand Five Hundred Only

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Docket No 67467 Date/Time 2026/05/06 16:39:08

IMMANUAL R Sri Ramakrishna
Institute of Technology
Pachapalayam (Post), Perur
Chettipalayam, Coimbatore - 641 010, INDIA Phone: +91-9677817992 Email: immangwu@gmail.com

Sr. No.	App. Number	Ref. No./Application No.	Amount Paid	C.B.R. No.	Form Name	Fee Payment	Remarks
1	202641057635	TEMP/E-1/62991/2026-CHE	1600	38095	FORM 1	Full	AI-BASED AUTOMATIC VISUAL INSPECTION SYSTEM FOR SMALL SCALE MSME MANUFACTURING

TransactionID	Payment Mode	Challan Identification Number	Amount Paid	Head of A/C No
N-0001945211	Online Bank Transfer	0605260047253	1600.00	1475001020000001

Total Amount : ₹ 1600.00
Amount in Words: Rupees One Thousand Six Hundred Only

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Docket No 86710 Date/Time 2026/06/08 15:01:00

IMMANUAL R Sri Ramakrishna
Institute of Technology
Pachapalayam (Post), Perur
Chettipalayam, Coimbatore - 641
010, INDIA Phone: +91-
9677817992 Email:
immangwu@gmail.com

Sr. No.	App. Number	Ref. No./Application No.	Amount Paid	C.B.R. No.	Form Name	Fee Payment	Remarks
1	E-12/19745/2026/CHE	202641057635	2500	47913	FORM 9	Full	

TransactionID	Payment Mode	Challan Identification Number	Amount Paid	Head of A/C No
N-0001972584	Online Bank Transfer	0806260035701	2500.00	1475001020000001

Total Amount : ₹ 2500.00
Amount in Words: Rupees Two Thousand Five Hundred Only

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6/8/26, 6:33 PM PATENT eFiling

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Docket No 84920 Date/Time 2026/06/08 18:33:16

To
Mr. Varanasi Santosh Kumar,
Department of Mathematics,
Sri Ramakrishna Institute of Technology,
Coimbatore 641010

CBR Detail:

Sr. No.	App. Number	Ref. No./Application No.	Amount Paid	C.B.R. No.	Form Name	Remarks
1	E-12/19433/2026/CHE	202641071140	2500	47019	FORM 9	
2	202641071140	TEMP/E-1/75792/2026-CHE	1600	47019	FORM 1	A TECHNICAL HEURISTIC COMPUTING ENGINE FOR LARGE-SCALE COMBINATORIAL OPTIMIZATION AND RESOURCE ALLOC

TransactionID	Payment Mode	Challan Identification Number	Amount Paid	Head of A/C No
N-0001972932	Online Bank Transfer	0806260056901	4100.00	1475001020000001

Total Amount : ₹ 4100.00
Amount in Words: Rupees Four Thousand One Hundred Only

Received from Harish Sharma the sum of ₹ 4100.00 on account of Payment of fee for above mentioned Application/Forms.
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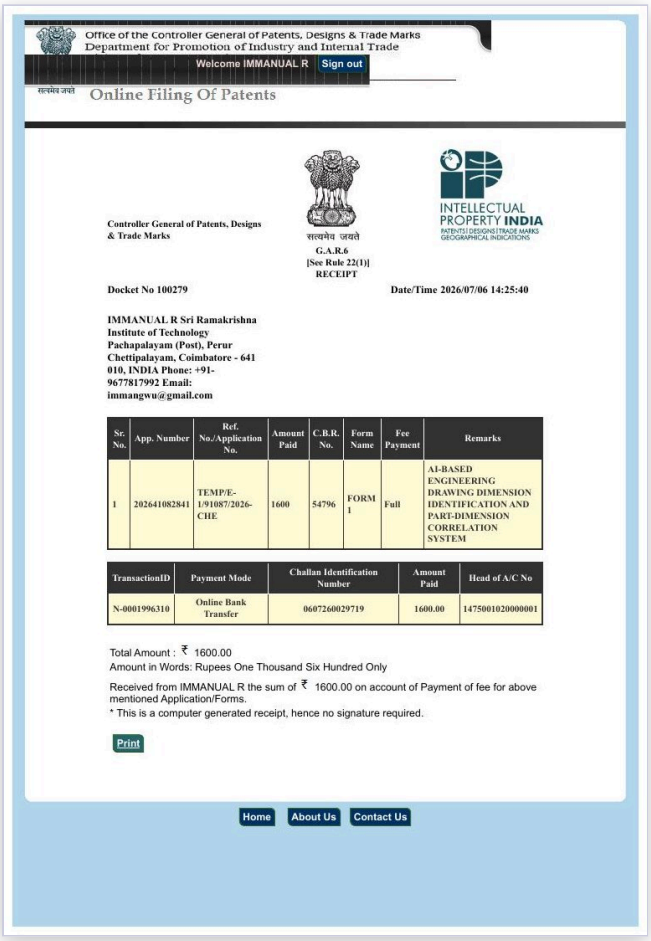

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Sr. No.	App. Number	Ref. No./Application No.	Amount Paid	C.B.R. No.	Form Name	Fee Payment	Remarks
1	202641082841	TEMP/E-1/91087/2026-CHE	1600	54796	FORM 1	Full	AI-BASED ENGINEERING DRAWING DIMENSION IDENTIFICATION AND PART-DIMENSION CORRELATION SYSTEM

TransactionID	Payment Mode	Challan Identification Number	Amount Paid	Head of A/C No
N-0001996310	Online Bank Transfer	0607260029719	1600.00	1475001020000001

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[See Rule 22(1)]
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Docket No 102282 Date/Time 2026/07/09 11:07:22

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Sr. No.	App. Number	Ref. No./Application No.	Amount Paid	C.B.R. No.	Form Name	Fee Payment	Remarks
1	E-12/22878/2026/CHE	202641082841	2500	55665	FORM 9	Full	

TransactionID	Payment Mode	Challan Identification Number	Amount Paid	Head of A/C No
N-0001998881	Online Bank Transfer	0907260012407	2500.00	1475001020000001

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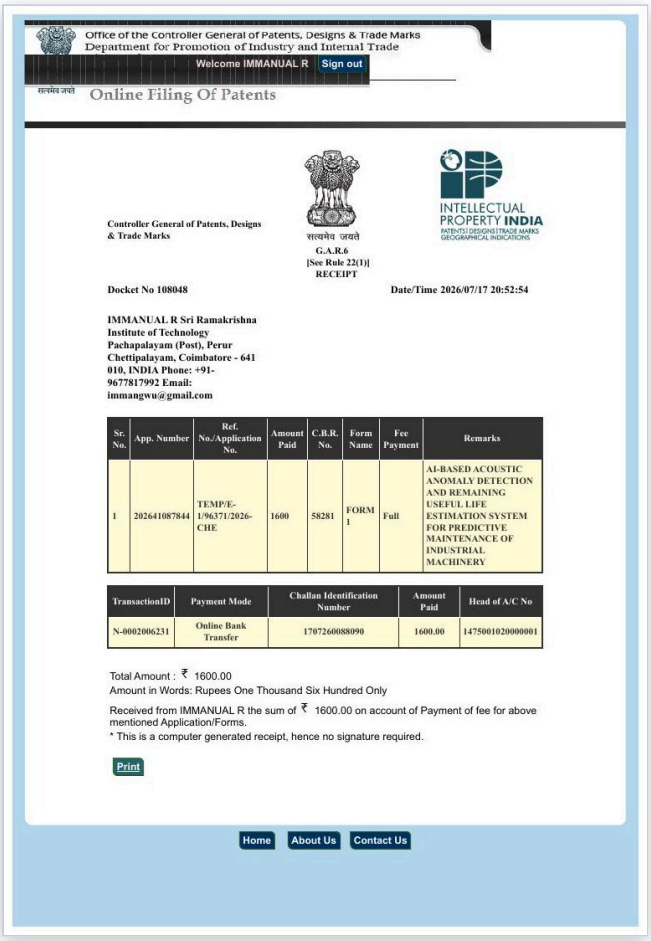

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Docket No 108048 Date/Time 2026/07/17 20:52:54

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Sr. No.	App. Number	Ref. No./Application No.	Amount Paid	C.B.R. No.	Form Name	Fee Payment	Remarks
1	202641087844	TEMP/E-1/96371/2026-CHE	1600	58281	FORM 1	Full	AI-BASED ACOUSTIC ANOMALY DETECTION AND REMAINING USEFUL LIFE ESTIMATION SYSTEM FOR PREDICTIVE MAINTENANCE OF INDUSTRIAL MACHINERY

TransactionID	Payment Mode	Challan Identification Number	Amount Paid	Head of A/C No
N-0002006231	Online Bank Transfer	1707260088090	1600.00	1475001020000001

Total Amount : ₹ 1600.00
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Docket No 109105 Date/Time 2026/07/20 21:05:26

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Sr. No.	App. Number	Ref. No./Application No.	Amount Paid	C.B.R. No.	Form Name	Fee Payment	Remarks
1	E-12/24026/2026/CHE	202641087844	2500	58705	FORM 9	Full	

TransactionID	Payment Mode	Challan Identification Number	Amount Paid	Head of A/C No
N-0002007563	Online Bank Transfer	2007260093269	2500.00	1475001020000001

Total Amount : ₹ 2500.00
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ABOUT THIS BOOK

This book records SRIT's participation in KAPILA, the Ministry of Education Innovation Cell and AICTE scheme that reimburses patent and design filing fees. It covers the SRIT IPR Cell and IPR Policy 2025, three KAPILA Committee meetings, the patent and design filing registers, the registered designs and the reimbursement claims, with signed minutes, certificates and Patent Office receipts.

44 patent & design applications approved	**10** designs registered by the Patent Office	**₹1.37 L** claimed under KAPILA, 2024–2026	**31** IPR & technology-transfer events, IIC 6.0–8.0

INSIDE

- The KAPILA scheme and the SRIT IPR Cell
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- Patent and design filing registers, registered designs
- Signed minutes, certificates and receipts

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