

Centre for Intellectual Property Rights (IPR)

Preamble

Centre for Intellectual Property Rights (IPR) was established at Karpagam Academy of Higher Education during the year 2016. The centre is headed by Dr. L. Hariprasath, Assistant Professor, Department of Biochemistry.

Need of the Centre

The centre was established to cater the intellectual needs of students and faculty members. We believe that for an effective career development, it is important that young minds are sensitized towards developing innovations that are globally acceptable. Intellectual Property, being an intangible asset finds no boundaries and helps in inclusive growth. Students' understanding about the importance of protecting an innovation is crucial in this IP driven economy. Teachers and students are encouraged to learn and disseminate importance of intellectual property and protection. Further, understanding the importance of Intellectual Property Rights at a young age can be a catalyst for economic growth of our country in today's knowledge based economy.

Objectives of the Centre

- To build innovation culture among students and faculty members of our institution.
- To train young minds on various types of IPR (IP concepts, patent search and drafting) through frequent seminars and workshops.
- To motivate and support students/faculty members in different types of application filing at patent office.
- The IPR clinic of the centre counsels students/faculty members on various queries in IPR.
- To encourage the students to participate in IPR competitive examinations.

Members of the Centre

Dr. L. Hariprasath,
*Associate Professor,
Department of
Biochemistry*



Dr. R. Usha,
*Professor & Head,
Department of Microbiology*



Lt. Dr. K.P. Sridhar,
*Professor
Director - Research,
KAHE*

Summary (2015-2020)

1. Patents	Overall	2015-2020
Total number of patent applications filed	92	57
Total number of patents applications published	87	50
Total number of patents applications granted	06	04

2. Designs	Overall	2015-2020
Total number of designs filed	42	33
Total number of designs accepted and published	38	30

3. Copyrights	Overall	2015-2020
Total number of copyright applications filed	21	21
Total number of copyrights	19	18

Success stories of the Centre

1. Patent Grants

The IPR Centre supported the inventors in responding to the FER in both technical and non-technical queries. The centre prepared the inventors for successful defending during the hearing of the patent application. The centre has supported in submitting nearly 25 FER responses since the time of its inception and ***“We feel proud to state that SIX patents have been granted during the year 2021”*** and expecting 2 more grants soon.

2. Design patents accepted and published

38 designs have been accepted and published by the patent office.

3. Copyrights registered

The centre has successfully obtained copyright for 19 books/artistic works.

4. IPR Competitions for students

The centre encouraged the participation of students in the 2nd season of Intellectual Property Talent Search Examination (IPTSE – 2019), is the first & one-of- its-kind annual ‘IP Olympiad’ for Intellectual Property Rights in India that tests the knowledge of an individual on patents, designs, copyright, designs, geographical indications and trade secret. IPTSE is supported by several organizations such as ASSOCHAM, ERICSSON, and different state governments, Ministry of MSME, Govt. of India and the Ministry of Science and Technology, Govt. of India.

“Our students bagged all the three National Champion prizes in this competition (University Category)”.



I Prize

***Ms. Sundareswari M
UG Student, Dept. of Microbiology***



II Prize

***Ms. Siva Sakthi
UG Student, Dept. of Microbiology***



III Prize

***Ms. Kavya Vellingiri
UG Student, Dept. of Microbiology***



Events Organized

27 seminars/workshops organized during the period 2015-2020

Year	Name of the workshop/ seminar	Number of Participants	Date From – To
2020-2021	Intellectual Property Literacy Drive	85	07.06.2021
2020-2021	Intellectual Property Literacy Drive Literacy Drive on Management	150	08.06.2021
2020-2021	Webinar on Innovation Management	36	04.06.2021
2020-2021	Webinar on Empowering Entrepreneurship	35	03.06.2021
2020-2021	Webinar on IPR Overview and Indian Patent System	36	02.06.2021
2020-2021	Intellectual Property (IP) for Businesses & Entrepreneurs	68	24.02.2021
2020-2021	Endowment Lecture on Taxonomical Procedures- A requisite for plant based IPR	68	13.02.2021
2018-2019	Workshop of Drafting of Indian Patent applications	115	12.12.2018 - 13.12.2018
2018-2019	Seminar on Know your Rights By filing a Patent	100	14.11.2018 - 15.11.2018
2018-2019	How to draft Patent Application	130	25.09.2018 - 26.09.2018
2018-2019	Introduction to Intellectual property Rights	85	17.09.2018
2018-2019	How to File a Design Patent Application	105	06.08.2018
2018-2019	Know Your Rights by Filing a Patent	110	22.05.2018 - 23.05.2018
2018-2019	Introduction to International Patent Applications	120	17.04.2018 - 18.04.2018
2018-2019	Introduction to International Patent Applications	115	08.03.2018
2017-2018	How to create an idea to file a patent and patent search	95	27.02.2018
2017-2018	Know Your Rights by Filing a Patent	75	15.09.2017
2017-2018	Motivating Young Researchers to File Patents	92	20.07.2017
2016-2017	How to apply for Design Application	95	21.11.2016 - 22.11.2016
2016-2017	Seminar on Know your Rights By filing a Patent	95	19.10.2016
2016-2017	Introduction of Design and Trademarks	120	22.09.2016
2016-2017	Workshop on Drafting of Design Patent	104	08.09.2016
2016-2017	Filing of Indian Patent Applications and Patent Search	120	09.08.2016 - 10.08.2016
2016-2017	Introduction to IPR and IP search	80	06.07.2016
2015-2016	Workshop of Drafting of Indian Patent applications	120	17.11.2015 - 18.11.2015
2015- 2016	How to apply for Design Application	105	10.09.2015 - 11.09.2015
2015-2016	How to draft Patent Application	102	24.06.2015

Future plans

- ✚ The centre plans to conduct active programs to sustain and enhance knowledge in the area of IPR and kindle the intellectual outputs.
- ✚ The centre plans to conduct coaching classes for PG students for Patent Agent Examination from 2021 onwards.

List of Granted Patents

S. No.	Title of the patent	Inventors	Application filing No.	Filing date	Grant No.	Date of Grant
1	Process for isolation of heraclenin from aegle marmelos correa	Dr. S. Ravi	3046/CHE/2014	24.06.2014	344422	18.08.2020
2	Mosquito repellent from resurrection plants	Dr. Nalini Padmanabhan Dr. A. Sangilimuthu Mr. V. Edwin Hillary Ms. M. Aruna Ms. J. Aneesha	201641012573	11.04.2016	346435	09.09.2020
3	Development of 4-butyl-5-(isopropoxymethyl)-2-methylmorpholine from Aspergillus terreus KMBF1501 as antifungal drug against Candida albicans	Ms. Akilandeswari Dr. B. V. Pradeep	201741017418	18.05.2017	352747	01.12.2020
4	Novel Anticancer tropinone derivatives and process for preparation thereof	Mr. R. Parthiban Dr. A. Thangamani Dr. S. Ravi	201741033646	22.09.2017	362154	19.03.2021
5	A Technique to Analyse Glucose Levels Using Bio Sweat Sensor	1. V. Parthasarathy 2. M. Arunachalam 3. K. Anusha 4. R. Karuppathal 5. Rajkumar 6. S.IIankumaran 7. R. Sudha	2020103057	28.10.2020	352747	24.12.2020
6	Isolation of bioactive component from Citrus grandis (L) leaves for the treatment of epilepsy	Dr. J. Anitha Dr. A. Sangilimuthu Dr.S.Ravi	201741015593	03.05.2017	381276	03.11.2021

List of Patent Applications Published and Active

S. No.	Title	Application filing No.	Inventors	Filing date	Publication date	Current Status
1.	Bore well rescue system	6183/CHE/2013	Lt. Dr. K.P. Sridhar Dr.S.Baskar	31.12.2013	24-Jun-16	Reply Filed. Application in amended examination
2.	Methanol extracts solution and herbal mixture of selected Indian medicinal plants for treatment of pharyngitis caused by Sterptococcus pyogenes	2761/CHE/2014	Dr. D. Teepica Priya P. Srinivasan K. Manimekalai J. Dineshbabu	05.06.2014	22-Jan-16	In order for grant under section 43,awaiting NBA approval
3.	Advanced bore well rescue unit gripper system	3360/CHE/2014	Lt. Dr. K.P. Sridhar	08.07.2014	19-Feb-16	Application in Hearing
4.	Generic intelligent DNA/mRNA pattern searching and global alignment in proteins	201641012574	Dr. B. Mukunthan	11.04.2016	13-Oct-17	FER Issued, Reply not Filed
5.	Development of physiochemical loaded in situ cross linking polyethylene glycol based temporary dental filling material	201741015594	Dr. R. Usha Dr. C. Smitha	03.05.2017	9-Nov-18	Reply Filed. Application in amended examination
6.	A process for rapid biodegradation of polyethylene by Sreptomycetes isolated from garbage soil	201741015595	Dr. R. Usha Mr. Naveen Mohan	03.05.2017	9-Nov-18	n order for grant under section 43,awaiting NBA approval
7.	An apparatus for cleaning a storage tank	201741017415	Lt. Dr. K.P. Sridhar S. Deepa K. P. Gridhar G. Archana	18.05.2017	23-Nov-18	Reply Filed. Application in amended examination
8.	Isolation and characterization of antidiabetic compound from ethanolic extract of Macrotyolma uniflorum leaves	201741017416	Ms. S. Priyanga D. K. Devaki	18.05.2017	23-Nov-18	Reply Filed. Application in amended examination
9.	Large negative magnetoresistance in Ni ₄₇ Mn ₄₀ Sn ₁₃ Heusler alloy- Application to spintronic devices	201741037869	Dr. S. Esakki Muthu	26.10.2017	3-May-19	Application Examined (Fer Issued)
10.	Nanostructured TiO ₂ /PS in view of saccharides sensors	201741040319	Dr. A. Saranya	13.11.2017	17-May-19	Application Examined (Fer Issued)

S. No.	Title	Application filing No.	Inventors	Filing date	Publication date	Current Status
11.	The growth of 2-amino 4-methylpyridinium 4-nitrophenolate 4-nitrophenol bulk crystal	201741040320	Dr. S. Karuppusamy	13.11.2017		Application Filed
12.	Raman spectroscopy as tool for the identification of genuinely of chemicals in biological samples	201841007684	Dr. V. Senthil Kumar	01.03.2018	14-Nov-19	Application Examined (Fer Issued)
13.	Mixture (50:50) of hybrid alcohol extracts (90:10) of Boswelliaserrata and Terminalia bellerica as an anti inflammatory agent	201841007685	Mr. Rajesh S Mony Dr. K. Poorima	01.03.2018	14-Nov-19	Reply Filed. Application in amended examination
14.	Cognitive model based psychological analysis	202041035451	Dr. P. Tamil Selvan Dr. Jothish Chembath Dr. J. Vijay Arputharaj Dr. C. Thirumoorthi U. Prathibha Dr. D. Sridhar	18-Aug-2020	4-Sep-20	Awaiting Request for Examination
15.	Deep learning and internet of things supported interactive assistive system	202041035454	Dr.K. Ramesh J. Venkata K. Mariappan Dr. M. Muthu Selvam M. Gokilavani Dr. M. P. Deepika	18-Aug-2020	4-Sep-20	Awaiting Request for Examination
16.	Agrobot for plant disease analysis and control	202041036315	Baskar Selvaraj Sridhar K P Hariprasath L Vignesh G Arun M Deepika M	24-Aug-2020	11-Sep-20	Application referred u/s 12 for examination.
17.	Humidity and Temperature Monitor for Textile Industries		Baskar Selvaraj Sridhar K P Vignesh G	27-Jul-2020		Application Not Yet Published
18.	Differential Pressure Transducer for Industrial Applications		Baskar Selvaraj Sridhar K P Vignesh G	27-Jul-2020		Application Not Yet Published
19.	An apparatus and a method for monitoring smart cities through internet of things enabled environment	201741032954	Baskar S	18-Sep-2017	19-Jan-18	Reply Filed. Application in amended examination
20.	Advanced soil suction mechanism for borewell rescue operations	202041039653	Sridhar K P Baskar Selvaraj Vignesh G	14-Sep-2020	25-Sep-20	Reply Filed. Application in amended examination
21.	Automated municipal solid waste segregator	202041039660	Sridhar K P Baskar Selvaraj Vignesh G	14-Sep-2020	25-Sep-20	Reply Filed. Application in amended examination

S. N o.	Title	Application filing No.	Inventors	Filing date	Publication date	Current Status
22.	Test chamber for air filters	202041043791	Sri Harsha Kota V.R. Sarma Dhulipala Sridhar K P	8-Oct-2020	16-Oct-20	Reply Filed. Application in amended examination
23.	Activity monitoring system and method of behavioural recognition and prediction analysis thereof	202041057099	Dr.T.Genish Mr.K.Veerasley Mrs. T. Janani Mr.P. Rutravignesh Mrs.B.Nithya Dr.Lijo Jacob	30-Dec-2020	08-01-2021	Awaiting Request for Examination
24.	IoT based surface dust finding and cleaning machine	202041039495	Dr.Suma Sira Jacob Dr.P.Tharcis M.Sivaramkrishnan Dr.M.SivaRamkumar Bibhu Prasad Ganthia Subhashree	11-Sep-2020	25-Sep-20	Awaiting Request for Examination
25.	IoT based natural uv passed room air sterilizer	202031038364	Priyadarshini Dr. I. Jerin Leno Dr.M.SivaRamkumar P.Manimegalai S.Bhavani	4-Sep-2020	9-Oct-20	Awaiting Request for Examination
26.	System for validating mobility of a patient and a method thereof	202041029652	Dr.Prajoona Valsalan A.Jerome Christhudass Dr.A.Amudha Dr.K.Prathapchandra Dr.V.Sivakumar	13-Jul-2020	31-Jul-20	FER Issued, Reply not Filed
27.	Deep learning supported system and method of analyzing the effectiveness of teaching-learning process	202141000543	Dr.R.Gunasundari Dr.M.Thillainayaki Dr.G.Anitha Dr.K.Thenmozhi	06/01/2021	26-Feb-21	Awaiting Request for Examination
28.	Intelligent mobility robotic device for locomotion of physically challenged people	202141008444	Mrs. K. Kanimozhi Ms. Sana Tak Dr. Padmavati Shrivastava Dr Angeline Prasanna	1-Mar-2021	5-Mar-21	Application Awaiting Examination
29.	Wearable device for sensing and predicting unexpected accidental life situations using mobile crowd sensing	202141017158	Dr. Anuranjan Misra Dr.K.Dhayalini Dr Sharick Shamsi Shabana Khan Dr Prasanna Kumar	13-Apr-2021	23/04/2021	Application Awaiting Examination
30.	Smart IoT Wearable device for Heartbeat Rate Monitoring and Alerting System for COVID Patients	202141024012	Dr.V.Arulkumar Dr.R.Lokeshkumar Mr D.Selvapandian Mr A. Ranjith Mr S.Arockia	29-May-2021	11-Jun-21	Awaiting Request for Examination
31.	Artificial intelligence based construction of mechanically developed machine motion prediction system to reduce worksite hazards	202141024097	Dr. K. Arun Vasantha Geethan Dr.D.Sengeni, Dr.Sridevi Arumugam Dr.Lanitha.B	31-May-2021	11-Jun-21	Awaiting Request for Examination
32.	Intelligent patient healthcare monitoring using ai	202141023186	Dr. K. Arumugam Mr.Mutkule Prasad Raghunath Dr. Virendra Singh Kushwah Jyoti Parashar	24-May-2021	18-Jun-21	Awaiting Request for Examination

S. N o.	Title	Application filing No.	Inventors	Filing date	Publication date	Current Status
33.	Method of automatic detection and classification of brain abnormalities	202141030085	Sridhar K P Baskar Selvaraj Vignesh Ganesan	5-Jul-2021	16-Jul-21	Application Awaiting Examination
34.	System for identification and sorting of different plastic classes	202141031105	Karthigaikumar P Justin Varghese Sridhar K P	12-Jul-2021	23-Jul-21	Application Awaiting Examination
35.	Automobile tire pressure monitoring device to enhance safety and reduce emissions	202141032038	M.Sivaramkrishnan Dr.M.SivaRamkumar	16-Jul-2021	13-Jul-21	Awaiting Request for Examination
36.	R-CNN-based Smart Healthcare Cloud-based IoT Model for Detection and Prevention	202141040809	D.Sabareeswaran M.Ramraj	9-Aug-2021	17-Jul-21	Awaiting Request for Examination
37.	Design of Cloud-based Smart Health System for Clinical Image Analysis using R-CNN	202141041546	Dr.Dhanapal.R	15-Sep-2021	1-Oct-21	Awaiting Request for Examination
38.	Consumer Attitudes towards International and Local Brands in the Indian Manufacturing Sector	202141043268	Gowrishankkar V	23-Sep-2021	1-Oct-21	Awaiting Request for Examination
39.	Implementation of green IoT for efficient resource utilization and the creation of sustainable smart cities	202141046122	Revathi.R	10-Oct-2021	22-Oct-21	Awaiting Request for Examination
40.	Development of IoT based Smart Irrigation System	202141047014	Dr.S.Saira Banu Dr.S.Sheeja Dr.Mohan Rangam Kadiresan	18-Oct-2021	29-Oct-21	Awaiting Request for Examination
41.	Non-intrusive personalized smart home automation using big data	202141048156	Dr.D.Stalin David Mrs. K. Geetha	22-Oct-2021	29-Oct-21	Awaiting Request for Examination
42.	Cloud and iot based smart forest fire detection and warning system.	202141048693	Dr.Revathi.R	25-Oct-2021	5-Nov-21	Awaiting Request for Examination
43.	Block chain based smart management of human resource to optimize performance	202141048982	Mrs. K. Geetha	27-Oct-2021	5-Nov-21	Awaiting Request for Examination
44.	Supply chain management for e-commerce logistics using IoT	202141049247	Dr. Revathi	28-Oct-2021	5-Nov-21	Awaiting Request for Examination

S. N o.	Title	Application filing No.	Inventors	Filing date	Publication date	Current Status
45.	IoT and cloud based intelligent toll gate collection system	202141049247	Dr. Revathi	9-Nov-2021	19-Nov-21	Awaiting Request for Examination

2. Designs

List of Designs Accepted and Published (2015-2020)

S. No.	Title	Application No.	Applicant Name	Current Status
1	Cell phone stand	263469	Lt. Dr. K.P. Sridhar	Design Accepted, Published and Granted, Journal No is 13/2015 and Journal Date is 27/03/2015
2	Hybrid gripper unit for borewell rescue machine	278896/2015	Lt. Dr. K.P. Sridhar	Design Accepted, Published and Granted, Journal No 04/2017 and Journal Date 27/01/2017
3	Cleaning device	291281	Lt. Dr. K.P. Sridhar	Design Accepted, Published and Granted, Journal No 49/2017 and Journal Date 08/12/2017
4	Portable water tank cleaner	306727	1. Karpagam Academy of Higher Education 2. Sridhar Palaniswamy 3. Deepa Sridhar 4. Baskar Selvaraj 5. Giri Raja Gopal Vijay Shankar	Design Accepted, Published and Granted, Journal No is 43/2019 and Journal Date is 25/10/2019
5	Tank cleaning equipment set	306728	1. Karpagam Academy of Higher Education, 2. Sridhar Palaniswamy, 3. Deepa Sridhar, 4. Baskar Selvaraj,	Design Accepted, Published and Granted, Journal No is 32/2019 and Journal Date is 09/08/2019
6	Atomspheric Air Filtration Chamber	306729	1. Karpagam Academy of Higher Education 2. Venkata Rajeswara Sarma Dhulipala 3. Sridhar Palaniswamy 4. Deepa Sridhar 5. Baskar Selvaraj	Design Accepted and Published, Journal No is 06/2021 and Journal Date is 05/02/2021
7	Cleaning mechanism for cylindrical tank	306731	1. Karpagam Academy of Higher Education 2. Sridhar Palaniswamy 3. Deepa Sridhar 4. Baskar Selvaraj	Design Accepted and Published, Journal No is 49/2019 and Journal Date is 06/12/2019
8	Portable foot rest for long journey	306732	1. Karpagam Academy of Higher Education 2. Palghat Hariharan Sai Siddharth 3. Sridhar Palaniswamy 4. Deepa Sridhar 5. Baskar Selvaraj 6. Vignesh Ganesan	Design Accepted, Published and Granted, Journal No is 19/2019 and Journal Date is 10/05/2019
9	Traveller acupressure pedal	306733	1. Karpagam Academy of Higher Education 2. Sridhar Palaniswamy 3. Deepa Sridhar 4. Baskar Selvaraj 5. Hariprasath Lakshmanan 6. Venkata Rajeswara Sarma Dhulipala	Design Accepted, Published and Granted, Journal No 07/2020 and Journal Date is 14/02/2020

S. No.	Title	Application No.	Applicant Name	Current Status
10	Foot relaxing equipment	306734	1. Karpagam Academy of Higher Education 2. Sridhar Palaniswamy 3. Deepa Sridhar 4. Vignesh Ganesan 5. Hariprasath Lakshmanan	Design Accepted, Published and Granted, Journal No is 02/2020 and Journal Date is 10/01/2020
11	Acupressure foot rejuvenator	306735	1. Karpagam Academy of Higher Education, 2. Sridhar Palaniswamy, 3. Deepa Sridhar, 4. Venkata Rajeswara Sarma Dhulipala, 5. Hariprasath Lakshmanan, 6. Vignesh Ganesan	Design Accepted, Published and Granted, Journal No is 32/2019 and Journal Date is 09/08/2019
12	Foot rester for traveler	306736	1. Karpagam Academy of Higher Education 2. Sridhar Palaniswamy 3. Deepa Sridhar 4. Baskar Selvaraj 5. Palghat Hariharan Sai Siddharth 6. Venkata Rajeswara Sarma Dhulipala	Design Accepted and Published, Journal No is 06/2021 and Journal Date is 05/02/2021
13	Horizontal Air Purifier	315943-001	1. Karpagam Academy of Higher Education 2. Sridhar Palaniswamy 3. Deepa Sridhar 4. Baskar Selvaraj 5. Vignesh Ganesan 6. Arun Prakash Jagadeesan	Design Accepted, Published and Granted, Journal No is 45/2019 and Journal Date is 08/11/2019
14	Vertical Air Purifier	315943-002	1. Karpagam Academy of Higher Education 2. Sridhar Palaniswamy 3. Deepa Sridhar 4. Baskar Selvaraj 5. Vignesh Ganesan 6. Arun Prakash Jagadeesan	Design Accepted, Published and Granted, Journal No is 12/2020 and Journal Date is 20/03/2020
15	Indoor Air Purifier	315943-003	1. Karpagam Academy of Higher Education 2. Sridhar Palaniswamy 3. Deepa Sridhar 4. Baskar Selvaraj 5. Vignesh Ganesan 6. M Sridhar Muthusami	Design Accepted, Published and Granted, Journal No is 45/2019 and Journal Date is 08/11/2019
16	Outdoor Air Purifier	315943-004	1. Karpagam Academy of Higher Education 2. Sridhar Palaniswamy 3. Deepa Sridhar 4. Baskar Selvaraj 5. Vignesh Ganesan 6. Hariprasath Lakshmanan	Design Accepted, Published and Granted, Journal No is 02/2020 and Journal Date is 10/01/2020
17	Air Purifier	315943-005	1. Karpagam Academy of Higher Education 2. Sridhar Palaniswamy 3. Deepa Sridhar 4. Baskar Selvaraj 5. Vignesh Ganesan 6. Giri Raja Gopal Vijay Shankar	Design Accepted, Published and Granted, Journal No is 07/2020 and Journal Date is 14/02/2020
18	Table top air purification fan	315943-006	1. Karpagam Academy of Higher Education	Design Accepted, Published and Granted, Journal No is

S. No.	Title	Application No.	Applicant Name	Current Status
			2. Sridhar Palaniswamy 3. Deepa Sridhar 4. Baskar Selvaraj 5. Vignesh Ganesan 6. Marimuthu Nachimuthu Gounder	22/2019 and Journal Date is 31/05/2019
19	Multistage air purification channel	315943-007	1. Karpagam Academy of Higher Education 2. Sridhar Palaniswamy 3. Deepa Sridhar 4. Baskar Selvaraj 5. Vignesh Ganesan 6. Prathapsingh Krishna	Design Accepted and Published, Journal No is 45/2019 and Journal Date is 08/11/2019
20	Indoor air filtration device	315943-008	1. Karpagam Academy of Higher Education 2. Sridhar Palaniswamy 3. Deepa Sridhar 4. Baskar Selvaraj 5. Vignesh Ganesan 6. Marimuthu Nachimuthu Gounder	Design Accepted, Published and Granted, Journal No is 02/2020 and Journal Date is 10/01/2020
21	Air purification device	315943-009	1. Karpagam Academy of Higher Education 2. Sridhar Palaniswamy 3. Deepa Sridhar 4. Baskar Selvaraj 5. Vignesh Ganesan 6. Rathipraba Marimuthu	Design Accepted, Published and Granted, Journal No is 16/2019 and Journal Date is 15/11/2019
22	Air filtration device	315943-010	1. Karpagam Academy of Higher Education 2. Sridhar Palaniswamy 3. Deepa Sridhar 4. Baskar Selvaraj 5. Vignesh Ganesan 6. Rathipraba Marimuthu	Design Accepted and Published, Journal No is 21/2020 and Journal Date is 22/05/2020
23	Vertical air filtration chamber	318748-001	1. IIT Delhi 2. Karpagam Academy of Higher Education	Design Accepted and Published, Journal No is 25/2020 and Journal Date is 19/06/2020
24	Horizontal air filtration chamber	318749-001	1. IIT Delhi 2. Karpagam Academy of Higher Education	Design Accepted and Published, Journal No is 35/2020 and Journal Date is 28/08/2020
25	Indoor air pollution mitigator	318750-001	1. IIT Delhi 2. Karpagam Academy of Higher Education	Design Accepted and Published, Journal No is 09/2020 and Journal Date is 28/02/2020
26	Mechanical Gripper for Borewell Rescue Machine	327274-001	1. Karpagam Academy of Higher Education 2. Sridhar Palaniswamy 3. Deepa Sridhar 4. Baskar Selvaraj 5. Vignesh Ganesan	Design Accepted and Published, Journal No is 40/2020 and Journal Date is 02/10/2020
27	Soil Suction Mechanism for Borewell Rescue	328391-001	1. Karpagam Academy of Higher Education 2. Sridhar Palaniswamy 3. Deepa Sridhar 4. Baskar Selvaraj 5. Vignesh Ganesan	Design Accepted and Published, Journal No is 24/2020 and Journal Date is 12/06/2020

S. No.	Title	Application No.	Applicant Name	Current Status
28	Fearless Touch Device	329767-001	1. Karpagam Academy of Higher Education 2. Sridhar Palaniswamy 3. Baskar Selvaraj 4. Vignesh Ganesan 5. Deepa Sridhar	Design Accepted and Published, Journal No is 46/2021 and Journal Date is 12/11/2021
29	Hand Drill Guide Mechanism	329764-001	1. Karpagam Academy of Higher Education 2. Sridhar Palaniswamy 3. Baskar Selvaraj 4. Vignesh Ganesan 5. Deepa Sridhar	Design Accepted and Published, Journal No is 30/2020 and Journal Date is 24/07/2020
30	Mechanical Ventilator	329766-001	1. Karpagam Academy of Higher Education 2. Sridhar Palaniswamy 3. Baskar Selvaraj 4. Vignesh Ganesan 5. Deepa Sridhar	Design Accepted and Published, Journal No is 30/2020 and Journal Date is 24/07/2020
31	Napkin Incinerator	329765-001	1. Karpagam Academy of Higher Education 2. Sridhar Palaniswamy 3. Baskar Selvaraj 4. Vignesh Ganesan 5. Deepa Sridhar	Design Accepted and Published, Journal No is 33/2020 and Journal Date is 14/08/2020
32	Napkin Testing Machine	332072-001	1. Karpagam College of Engineering 2. Karpagam Academy of Higher Education 3. Sridhar Palaniswamy 4. Baskar Selvaraj 5. Deepa Sridhar 6. Vignesh Ganesan	Design Accepted and Published, Journal No is 40/2020 and Journal Date is 02/10/2020
33	Wireless ECG patch	334659-001	1. Karpagam Academy of Higher Education 2. Sridhar Palaniswamy 3. Baskar Selvaraj 4. Vignesh Ganesan 5. Deepa Sridhar 6. Bavath D	Design Accepted and Published, Journal No is 51/2020 and Journal Date is 18/12/2020
34	Automatic Fertilizer Dispenser Robot	345803-001	1. Karpagam Academy of Higher Education, 2. Baskar Selvaraj, 3. Sridhar K P, 4. Vignesh Ganesan, 5. Deepa S, 6. Malathi K, 7. Prabhu G	Design Accepted and Published, Journal No is 33/2021 and Journal Date is 13/08/2021
35	Solid Waste Sieving Machine for Size Sorting	345806-001	1. Karpagam Academy of Higher Education, 2. Baskar Selvaraj, 3. Sridhar K P, 4. Vignesh Ganesan, 5. Deepa S, 6. Prajitha C, 7. Pavithra S	Design Accepted and Published, Journal No is 37/2021 and Journal Date is 10/09/2021
36	Smart Soil Suction Mechanism	345804-001	1. Karpagam Academy of Higher Education, 2. Baskar Selvaraj, 3. Sridhar K P, 4. Vignesh Ganesan,	Design Accepted and Published, Journal No is 40/2021 and Journal Date is 01/10/2021

S. No.	Title	Application No.	Applicant Name	Current Status
			5. Deepa S, 6. Arun M, 7. Prabhakaran S	
37	Intelligent Plastic Sorting Mechanism Set	346151-001	1. Karpagam College of Engineering, 2. Karthigaikumar P, 3. Justin Varghese, 4. Deepa S, 5. Arunraj P, 6. Rajanandhini S, 7. Ramyasri A. P	Design Accepted and Published, Journal No is 33/2021 and Journal Date is 13/08/2021
38	Moving Car Pollution Detection Device	347884-001	1. Sri Harsha Kota, 2. Venkata Rajeswara Sarma Dhulipala, 3. Sridhar KP, 4. Ganesh Jayaraman,	Design Accepted and Published, Journal No is 42/2021 and Journal Date is 15/10/2021

3. Copyrights

List of copyrights registered (2015-2020)

S.NO	TITLE	NAME OF THE APPLICANT	APPLIED DATE	DIARY NUMBER	ROC Received date)	ROC Number
1	Sets and Functions	Hemamalini. P.T. KAHE	27/10/2018	1420/2019-CO/L	12/4/2019	L-81559/2019
2	Sequences and Series-Vol-1	Hemamalini. P.T. KAHE	27/10/2018	1432/2019-CO/L	12/4/2019	L-81544/2019
3	Algebra-Vol-1	Hemamalini. P.T. KAHE	27/10/2018	1429/2019-CO/L	15/4/2019	L-81540/2019
4	Algebra-Vol-2	Hemamalini. P.T. KAHE	27/10/2018	1425/2019-CO/L	12/4/2019	L-81539/2019
5	Algebra-Vol-3	Hemamalini. P.T. KAHE	27/10/2018	1424/2019-CO/L	15/4/2019	L-81557/2019
6	Algebra-Vol-4	Hemamalini. P.T. KAHE	27/10/2018	1428/2019-CO/L	15/4/2019	L-81558/2019
7	Coordinate Geometry-Vol 1	Hemamalini. P.T. KAHE	27/10/2018	1426/2019-CO/L	15/4/2019	L-81551/2019
8	Coordinate Geometry-Vol 2	Hemamalini. P.T. KAHE	27/10/2018	1431/2019-CO/L	15/4/2019	Registered
9	Probability and statistics	Hemamalini. P.T. KAHE	27/10/2018	1417/2019-CO/L	12/4/2019	L-81543/2019
10	Mensuration	Hemamalini. P.T. KAHE	27/10/2018	1422/2019-CO/L	15/4/2019	Registered
11	Trigonometry	Hemamalini. P.T. KAHE	27/10/2018	1430/2019-CO/L	15/4/2019	L-81552/2019
12	Matrices	Hemamalini. P.T. KAHE	27/10/2018	1423/2019-CO/L	12/4/2019	L-81545/2019
13	64-bit galois field FPGA architecture	Lt. Dr. K.P. Sridhar KAHE	8/7/2019	10571/2019-co/SW	17/10/2019	SW-12947/2019
14	128' bit Elliptic Curve Crypto program using Chinese Multiplication	Lt. Dr. K.P. Sridhar KAHE	8/7/2019	10687/2019-CO/L	17/10/2019	SW-13072/2019
15	Optimized Booth Multiplier Program	Lt. Dr. K.P. Sridhar KAHE	8/7/2019	10686/2019-CO/L	17/10/2019	SW-13071/2019
16	Optimized Error Detection and Correction Coding	Lt. Dr. K.P. Sridhar KAHE	8/7/2019	10685/2019-CO/L	17/10/2019	SW-13073/2019
17	Implementation of FIR filter using VHDL code	P.Mohamed Shakeel Dr.S.Baskar	22/10/2020	13466/2019-CO/SW	21/12/2020	SW-14053/2020
18	MATLAB algorithm to examine the bone cancer detection system efficiency	Sridhar K P Baskar Selvaraj Vignesh Ganesan	16/09/2020	16543/2020-CO/SW	31/12/2020	SW-14020/2020
19	MD's TARA	Lt.S.Nithya	4/2/2021	2881/2021-CO/L	19/03/2021	L-100557/2021

