



**SREE CHITRA TIRUNAL INSTITUTE FOR MEDICAL SCIENCES &  
TECHNOLOGY BIOMEDICAL TECHNOLOGY WING, POOJAPPURA,  
TRIVANDRUM –12**

**(An Institute of National Importance under Govt. Of India)**

**[Email- ipcell@sctimst.ac.in](mailto:ipcell@sctimst.ac.in); Website—[www.sctimst.ac.in](http://www.sctimst.ac.in)**

**DESIGN REGISTRATIONS**

INTELLECTUAL PROPERTY RIGHT CELL,  
TECHNOLOGY BUSINESS DIVISION,  
DEPARTMENT OF TECHNOLOGY & QUALITY MANAGEMENT

# Design Registrations(India)

Sl.No	DESIGN NO	DATE OF FILING	TITLE OF INVENTION	INVENTORS
1.	153738	01.12.1983	A RING SUPPORTER FOR HEART VALVE	Gopichettipalayam Subbaratnam Bhuvaneshwar
2.	153739	01.12.1983	A HEART VALVE DISC	Gopichettipalayam Subbaratnam Bhuvaneshwar
3.	153740	01.12.1980	A BLOOD OXYGENERATOR	Venkateswaran Subramanya Venkatesan
4.	153741	01.12.1983	A BLOOD OXYGENERATOR	Venkateswaran Subramanya Venkatesan
5.	153742	01.12.1983	AN SPURGER ASSEMBLY FOR USE IN BLOOD OXYGENERATOR (FILTER)	Venkateswaran Subramanya Venkatesan
6.	153743	01.12.1983	AN AIR SPURGER ASSEMBLY FOR USE IN BLOOD OXYGENATOR	Venkateswaran Subramanya Venkatesan
7.	153744	01.12.1983	A REDUCING CONNECTOR FOR USE IN FLUID FLOW LINE	Venkateswaran Subramanya Venkatesan
8.	153745	01.12.1983	A STRAIGHT CONNECTOR FOR USE IN FLUID FLOW LINES	Venkateswaran Subramanya Venkatesan
9.	163803	20.11.1991	CARBONDIOXIDE INCUBATION CHAMPER	M.Raveendra Nath, Koruthu Puthenparampil Varughese, J.Shanmugham
10.	180028	29.07.1999	CONCENTRIC NEEDLE ELECTRODE, A TIGHTENING FIXTURE	Niranjan.D.Khambate, Venkatesan Ramesh Babu, Edward Bai Mohan Roy, Omana Amma Sreedharan Nair Neelakantan Nair
11.	241378	09/12/2011	A STENT FOR USE IN BLOOD VESSELS	Sujesh Sreedharan Chirathody Vayalappil Muraleedharan
12.	285926	09/08/2016	BIREACTOR FOR CULTURE OF MAMMALIAN CELLS	Anilkumar Pallicka veedu Rajan Asari Shiny Velayudhan Kumary Thrikkovil Variath Kalliyanakrishnan Venkateswaran Roopesh.R.Pai

13.	300220	08/12/2017	IMPLANTABLE ATRIAL SEPTAL DEFECT OCCLUSION DEVICE WITH WOVEN CENTRAL SECTION ON LEFT ATRIAL FLANGE	Sujesh Sreedharan, Jijo Jerard, Liji Geetha Vijayan, Dr. Bijulal Sasidharan
14.	300221	08/12/2017	IMPLANTABLE ATRIAL SEPTAL DEFECT OCCLUSION DEVICE	Sujesh Sreedharan, Jijo Jerard, Amritha Thankamony Sures
15.	299421	14/11/2017	A STENT CROWN HAVING AN ASYMMETRIC DESIGN, FOR USE IN BLOOD VESSELS, WITH ENHANCED FIXATION AND CRIMPABILITY	Sujesh Sreedharan, Krishna Kumar Sreekumaran
16.	299422	14/11/2017	A STENT CROWN HAVING AN ASYMMETRIC DESIGN, FOR USE IN BLOOD VESSELS, WITH ENHANCED FIXATION	Sujesh Sreedharan, Krishna Kumar Sreekumaran
17.	299423	14/11/2017	AN ASYMMETRIC DESIGN OF A STENT FOR USE IN BLOOD VESSELS WITH ENHANCED FIXATION AND CRIMPABILITY	Sujesh Sreedharan, Krishna Kumar Sreekumaran
18.	299424	14/11/2017	AN ASYMMETRIC DESIGN OF A STENT FOR USE IN BLOOD VESSELS WITH ENHANCED CRIMPABILITY	Sujesh Sreedharan, Krishna Kumar Sreekumaran
19.	299425	14/11/2017	AN ASYMMETRIC DESIGN OF A STENT FOR USE IN BLOOD VESSELS WITH ENHANCED FIXATION	Sujesh Sreedharan, Krishna Kumar Sreekumaran
20.	312432	26/11/2018	STENT FOR SURGICALLY IMPLANTABLE EXTERNALLY MOUNTED VALVES	Umashankar Payanam Ramachandran Venkateshan Ramesh Babu Chirathodi Vylappil Muraleedharan Ranjith Gopinathan Muhammed Shafeeq Ellikkottukurissi Yoosuf
21.	312431	26/11/2018	STENT AND INSERT FOR INTERNALLY MOUNTED SURGICAL BIO PROSTHETIC VALVES	Chirathodi Vylappil Muraleedharan, Ranjith Gopinathan, Umashankar Payanam Ramachandran , Muhammed Shafeeq Ellikkottukurissi Yoosuf, Sumathy Patturaja Bhagyalekshmi , Anila Puthiya Veettil
22.	313876-001	15/01/2019	VEIN VIEWER	Sarath sasidharan Nair, Nagesh Divakara Panickar Sulochana, Bejoy Thomas
23.	316462-001	04/04/2019	INFANT WARMING WRAPPER	Sarath Sasidharan Nair, Nagesh Divakara Panickar Sulochana,
24.	316296-001	01/04/2019	Gene Dot-a device to detect DNA amplification.	Anoop Kumar Thekkuveetil,Radhika Remadevi ,Rasitha

25.	320214-001	30.07.2019	INVITRO ARTERIOVENOUS MALFORMATION MODEL FOR LIQUID EMBOLIC AGENT EVALUATION.	Arvind Kumar Prajapati, Jayadevan Enakshy Rajan, Roy Joseph
26.	321665-001	16.09.2019	VENTRICULAR ASSIST DEVICE WITH COMPACT INTEGRATED CONTROLLER AND BATTERY PACK	Sarath sasideharan Nair, Nagesh Divakara Panickar Sulochana, Vinodkumar Viswanathan Pillai
27.	320214-002	30.07.2019	LID NIDUS CONSTRUCT FOR LIQUID EMBOLIC AGENT EVALUATION	Arvind Kumar Prajapati, Jayadevan Enakshy Rajan, Roy Joseph
28.	320214-003	30.07.2019	NIDUS IN NIDUS CONSTRUCT FOR LIQUID EMBOLIC AGENT EVALUATION	Arvind Kumar Prajapati, Jayadevan Enakshy Rajan, Roy Joseph
29.	321708-001	17.09.2019	BIO INSPIRED DIABETIC FOOT ULCER OFFLOADING DEVICE	Subhash Neyyattinkara Neelakandan, Nandini Mohan, Muraleedharan Chirathody Vayalappil
30.	323114-001	30.10.2019	3D PRINTED BIPHASIC SCAFFOLD FOR TRACHEAL RECONSTRUCTION	Rahul Velikkakath Gopi, Prabha Damodaran Nair
31.	322718-001	18.10.2019	A SUCTION RETRACTOR DEVICE FOR AORTIC VALVE REPLACEMENT IN ADULT CARDIAC SURGERY	Bineesh Kundoly Radhakrishnan, Sarath Gopalakrishnan, Vinodkumar Viswanathan Pillai. Rajkrishna Rajan
32.	322862-001	22.10.2019	BIOLOGICAL FLUID COMPONENT SEPARATOR AND MECHANISM	Binu Madhavan Pillai, Subhash Neyyattinkara Neelakandan, Subin Sukesan
33.	324417-001	05.12.2019	CELL CULTURE INSERT	Naresh Kasoju, Anilkumar Pallicka veedu Rajan Asari, Venkatesan Ramesh Babu, Jimna Mohamed Ameer
34.	325418-001	03.01.2020	BIO INSPIRED KNEE JOINT LOCKING MECHANISM FOR STANCE CONTROL ORTHOSIS	Subhash Neyyattinkara Neelakandan, Aneesh Sukesan, Muraleedharan Chirathodi Vylappil
35.	328451-001	20.03.2020	BRAIDED STRUTURE FOR USE IN BLOOD VESSELS'.	Sujesh Sreedharan, Anku Sreekumar, Sreehari Unnikrishnan
36.	330249-001	19.06.2020	3D SPHEROID CULTURE CHAMBER	Anilkumar Pallicka veedu Rajan Asari, Shiny Velayudhan, Roopesh Ramesh Pai

37.	329346-001	15.05.2020	A NOVEL DESIGN FOR A FORMULATION DISPENSING BRACELET	Chhavi Gupta
38.	330128-001	17.06.2020	A MULTI-WELL CELL CULTURE PLATE WITH INSERTS	Kasoju , Manoj Komath Anilkumar Pallicka veedu Rajan Asari, Ramesh Babu Venkatesan, Athira Rajalakshmi Kumar
39.	331433-001	28/07/2020	A DEVICE FOR THE ISOLATION OF PLATELET RICH PLASMA AND OTHER BLOOD COMPONENTS.	Renjith parameswaran nair, Vinodkumar Viswanathan Pillai, Anugya Bhatt, Subhash Neyyattinkara Neelakandan,
40.	334361-001	16/10/2020	MULTI-ORGAN ON A CHIP FOR BIOLOGICAL EVALUATION	Parayanthala Valappil Mohanan, Joseph Xavier, Akhil Venugopal, Arathi Ashok
41.	336863-001	16/10/2020	DESIGN AND FABRICATION OF FILTER PROTOTYPE FOR CIRCULATING TUMOR CELLS	Jayasree Ramapurath Sarojini Amma, Jibin Kunnumpurathu, Ramesh Babu Venkatesan
42.	339230-001	17/02/2021	VASCULARISED MULTI-ORGAN-ON-A-CHIP' FOR BIOLOGICAL EVALUATION.	Parayanthala Valappil Mohanan, Joseph Xavier, Akhil Venugopal, Arathi Ashok
43.	339436-002	19/02/2021	LIVE CELL CULTURE SHIPPING DEVICE	Naresh Kasoju , Anilkumar Pallicka veedu Rajan Asari, Ramesh Babu Venkatesan, Anju Mohanan Shylaja
44.	339436-001	19/02/2021	UNIVERSAL AIRWAY DEVICE FOR LUNG ISOLATION	Suneel Puthuvassery Raman, Gijo Raj,Azhar Kareem Shyla, Chennakeshavallu Gundapalli Narasimhaiah
45.	341068-001	19/3/2021	MULTI ORGAN ON A CHIP WITH RADIAL FLUIDIC CHANNEL FOR PRECLINICAL EFFICACY AND TOXICITY ASSESSMENT	Parayanthala Valappil Mohanan, Akhil Venugopal, Joseph Xavier, Arathi Ashok
46.	341393-001	24.03.2021	IMPLANTABLE INFUSION PUMP RESERVOIR	Sarath S Nair
47.	365502-001	06.06.2022	ANTERIOR CERVICAL PLATE	Kelekanjeri Ganapathi Vishwanathan Siva Kumar, Ajmal Mohammed T, Muraleedharan Chirathody Vayalappil, Krishna Kumar Kesavapisharady, Ganesh Divakar

48.	368048-001	20.07.2022	THERMAL CURING MOULD PATTERN ASSEMBLY FOR INTRA CRANIAL ELECTRODES	Jithin Krishnan, Neethu Sundarlal, Muraleedharan Chirathody Vayalappil
49.	368049-001	20.07.2022	THERMAL CURING MOULD PATTERN ASSEMBLY FOR INTERMEDIATE LEAD IN IMPLANTABLE ACTIVE MEDICAL DEVICE APPLICATIONS	Jithin Krishnan, Neethu Sundarlal, Muraleedharan Chirathody Vayalappil
50.	367751-001	15.07.2022	AUTOMATED EXTERNAL DEFIBRILLATOR	Neethu Sundarlal, Jithin Krishnan, Muraleedharan Chirathody Vayalappil
51.	372688-001	17.10.2022	A JOINING MODULE FOR A MICRODIALYSIS PROBE	Chhavi Gupta, Vinodkumar Viswanathan Pillai, Sarath Sasidharan Nair
52.	373038-001	25.10.2022	A ROTATING CASKET ARRANGEMENT FOR POSITIONING, TURNING AND TRANSFERRING OF A HUMAN BEING	Smita V, Anish Karimannur John, Arun Anirudhan V, Rebin Zachria Mathew, P Harish Ram, R Rahul Dev, Abhiram V S, Suja R
53.	374569-001	24.11.2022	SELF RETAINING- NON TAPERING ENDONASAL SPECULUM FOR ENDONASAL ENDOSCOPIC / MICROSCOPIC SURGERIES	Prakash Nair, Anish K. John, Easwer Hv, Sanjay Hm, M Gowtham, Rebin Zachria Mathew, P Harish Ram, R Rahul Dev, Abhiram V S, Basil Biju K, Sidharth A, Arun Anirudhan V, Sanjay Behari
54.	374796-001	29.11.2022	SELF-LOCKING CLIP ARRESTOR FOR BONE IMPLANTS	Kelekanjeri Ganapathi Vishwanathan Siva Kumar, Vishnu S Prasad, Muraleedharan Chirathody Vayalappil
55.	376009-001	23.12.2022	TOOL FOR ISOFIXING, ISOSLICING OF LARGE SIZE SHEEP/PIG HEART	Sabareeswaran, Ranjith Gopinath, Sachin J Shenoy, Sowmya Ramanan V, Anish Karimannur John, P Harish Ram, Rebin Zachria Mathew, Smrithi M K, R Rahul Dev, Abiram V S, Ayush Arun, Aswanth S, Arun Anirudhan V
56.	376010-001	23.12.2022	SIMULTANEOUS SUCTION IRRIGATOR WITH A 'DETACHABLE HUMMING BIRD BREAK' CANULLA TIP	Prakash Nair, Anish Karimannur John, Easwer H V, Sanjay H M, M Gowtham, Rebin Zachria Mathew, P Harish Ram, R Rahul Dev, Abiram V S, Basil Biju K, Abhishek A P, Rehan Sunil Dhas, Arun Anirudhan V, Sanjay Behari
57.	377054-001	09.01.2023	ADAPTIVE PATIENT TROLLEY-E DRIVE	Smitha V, Anish Karimannur John, Subin Sukesan, Shrinivas V G, Prasanta Kumar Dash, Jayakrishnan C, Goutham

				Sai Krishna, A Arjun, Aparna Govind, Ayush Arun, Rajeev Rajan, Dineesh Gopinath, Sreelal S, Arun Anirudhan V
58.	378306-001	31.01.2023	SINGLE USE CATRIDGE DESIGN FOR DIAGNOSING NT-proBNP FROM BLOOD SAMPLES	Manoj Gopi, Vani Maya, Arvind Kumar Prajapati, Harikrishnan Sivadasan Pillai
59.	379337-001	15.02.2023	MULTILAYER INSOLE SUBSYSTEM WITH CUSTOM REMOVABLE PEGS FOR PLANTAR PRESSURE OFFLOADING IN DIABETIC WALKERS	Subhash Neyyattinkara Neelakandan, Vaishnav Umesh, Muraleedharan Chirathody Vayalappil
60.	380121-001	25.02.2023	UNIVERSAL MAGNETIC INSTRUMENT HOLDER	Prakash Nair, Sajin Raj R G, Anish Karimannur John, Easwer Hv, Dhanya S, Sanjay Hm, M Gowtham, Ayush Arun, Aswanth S, Ravin Jayakumar, Ananya L Nair, S Anandhu, Arun Anirudhan V, Sanjay Behari
61.	380122-001	25.02.2023	SURGICAL CHAIR	Prakash Nair, Sajin Raj R G, Anish Karimannur John, Easwer Hv ,Dhanya S, Sanjay Hm, M Gowtham,Rebin Zachira Mathew, Aiswarya Mohan, Adith V S, Sreedarsh V, Arjun Sankar J M, Arun Anirudhan V, Sanjay Behari
62.	382039-001	22.03.2023	AUTOMATED CARDIOPULMONARY RESUSCITATION DEVICE	Smita V, Anish Karimannur John, Rupa Sreedhar, Prasantha Kumar Dash, Dev Narayan, P Harish Ram, Rahuldas A H, Devika S Nair, Amith S Nair, Dinesh Gopinath, Arun Anirudhan V, Krishna Sarma S
63.	382255-001	25.03.2023	PATTY MAKER	Prakash Nair, Sajin Raj Rg, Anish Karimannur John,Easwer Hv, Dhanya S, Sanjay Hm, M Gowtham, Dev Narayan, Devika S Nair, Amith S Nair, Rahul Das Ah, P Harish Ram, Arun Anirudhan V , Sanjay Behari
64.	387668-001	05.06.2023	LEG MASSAGER ADAPTABLE FOR BLOOD DONOR COUCH	AMITA R, DEBASISH GUPTA, ANISH KARIMPANNUR JOHN. RAVIN JAYAKUMAR, ATUL SIVA R J, ANJANA LS, HAFIS S MOHAMED, ROHIT SUNIL,JAYAKRISHNAN M
65.	387484-001	02.06.2023	PLATELET RICH FIBRIN (PRF) / GROWTH FACTOR RICH (GRF) MEMBRANE PREPARATION BOX	AMITA R, DEBASISH GUPTA,ANISH KARIMPANNUR JOHN,ANANYA L NAIR, ABHIRAM A S, AKSHAY SD, LEKSHMI RAJ J S, ADHARSH T S, KARTHIK KRISHNA

66.	390449-001	17.07.2023	AUTOMATED ULTRASOUND GUIDED ARM FOR CANNULATION OF MAJOR BLOOD VESSELS	SMITA V, SHRINIVAS V G, P K DASH, ANISH KARIMPANNUR JOHN, RAJEEV RAJAN, S MEGHA, AISWARYA LAKSHMI, PARVATHY S VINOD, BHAGYANATH S, SREELAKSHMI S, VARSHA R AJITH, AMRITA JIJU, SREEKANTH P, MANJU R S, TINY BABU, PRADEEP S L, KRISHNA SARMA S, ARUN ANIRUDHAN V
67.	392172-001	08.08.2023	INTEGRATED MOTORIZED CHAIR-HOIST SYSTEM	LINCY PHILIP, SRUTHI S. NAIR, ANISH KARIMPANNUR JOHN, VISHAL V J, MITHUN M, JEBIN JOSE, VAISAKHAN M S, ADITHYA S R
68.	402498-001	19.12.2023	GUIDE WIRE FOR LUMBAR PUNCTURE	M GOWTHAM, ANISH K JOHN, KRISHNAKUMAR K, EASWER H V, PRAKASH NAIR, DHANYA S, TINY BABU, ANANYA L NAIR, AYUSH ARUN, ABHAY GOVIND, SREENANDH S C, ATHIRA RAJ, THAMJEED T, KRISHNA SARMA S, ARUN ANIRUDHAN V
69.	394391-001	04.09.2023	BIOLOGIC CAVITY VIEWER, IMAGING CAPTURE AND INCORPORATED IMAGE PROCESSING MEASUREMENT SYSTEM	SUBIN SUKESAN, SHAIJU S NAZEER ANISH KARIMPANUUR JOHN, SMITA V SARAVANA BABU M S, NELSA ABRAHAM, SOORAJ A R, GOVIND U, AYUSH ARUN, S KARTHIKEYAN, KRISHNA SARMA S, SAIKRISHNAN R, ARUN ANIRUDHAN V
70.	397584-001	13.10.2023	A PORTABLE X-RAY PROTECTION BARRIER AND EXAMINATION BOX WITH MOVING ARM MECHANISM	DR SABAREESWARAN A ANISH K JOHN. ASWIN P K, AADITYA S K, REETHULAL M
71.	397585-001	13.10.2023	A VIBRATION LESS PATIENT TRANSPORT SYSTEM	DR BEJOY THOMAS ANISH K JOHN, AABHA U, ASWIN P K, VIMAL GEORGE, CHRIS JOSE PANICKER, VISWANATH S, KRISHNA SARMA S, ARUN ANIRUDHAN V