



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

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PATENTS FILED

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PATENTS (INDIA) FILED

Sl. No	Application No.	Date of filing	Title of Invention	Date of publication	Inventors
1.	2002/CHE/2012	21/05/2012	A COMPOSITE FOR PREPARING RADIATION SHIELDING MATERIALS	22/11/2013	Roy Joseph, Kiran Sukumaran
2.	201841038669	11/10/2018	AN ABSORBABLE SKIN SUBSTITUTE WITH COMBINATION MATRIX OF AMNION,FIBRIN AND HYALURONIC ACID (AM-F-HA) FOR WOUND REGENERATION AND THE PROCESS THEREOF.	17/04/2020	Lissy Kalliyanakrishnan Rashmi Ramakrishnan
3.	201941022982	10/06/2019	A POROUS INJECTABLE, FREEZE-DRIED HYDROGEL SCAFFOLD AIDING DERMAL REGENERATION AND PROCESS OF PREPARATION THERE OF	11/12/2020	Lissy Kalliyanakrishnan Rashmi Ramakrishnan Biman Behari Mandal Dimple Chouhan
4.	201941006800	21/02/2019	BIOINK FORMULATION SUITABLE FOR LOW TEMPERATURE	07/05/2021	Roy Joseph Praveen Kunjan Sobhan
5.	201841049655	28/12/2018	A BRAIDED CUFF FOR PREVENTING ENDOLEAKS IN STENT GRAFTS	03/07/2020	Sujesh sreedharan, Krishna kumar sreekumaran
6.	201941006810	21/02/2019	A TUNABLE HYBRID HYDROGEL	07/05/2021	Reshmi Raj, Thapasimuthu Vijayamma Anil kumar, Praveen Kunjan Sobhan
7.	201941013671	04/04/2019	VASCULAR ENDOTHELIAL GROWTH FACTOR (VEGF), WHICH ENHANCES ANGIOGENESIS	09/10/2020	Anoopkumar Thekkuveettil Sheeja Liza Easo Geethu Shaji
8.	201941027295	08/07/2019	AN INORGANIC-ORGANIC HYBRID RESIN BASED RADIOPAQUE BIOACTIVE COMPOSITE AND THE PROCESS THEREOF	15/01/2021	Lizymol Philipose pampady kandathil Vibha Chandrababu
9.	201941031304	02/08/2019	CELL GROWTH ENHANCING BIOINK FORMULATION FOR 3D BIOPRINTED CONSTRUCTS	05/02/2021	Anugya bhatt,Naresh Kasoju,Roy Joseph,Lakshmi Thompil Somasekharan,Gayathri Prameela Jayachandran

10.	201941042426	18/10/2019	A PROCESS FOR DEVELOPING UNIFORM SURFACE TOPOGRAPHY MAINTAINED CARDIAC-PATCH FROM PORCINE CHOLECYST, DERIVED EXTRACELLULAR MATRIX	23/04/2021	Reshma Sukumaran Nair, Praveen Kunjan Sobhan, Thapasimuthu Vijayamma Anilkumar
11.	201941043077	23/10/2019	A BIOLOGICAL FLUID COMPONENT SEPARATOR AND THE MECHANISM THEREOF	30/04/2021	Subin Sukesan, Renjith parameswaran nair, Sarvana Babu Madhur Sampooram, Prabha Damodaran Nair, Rupa Sreedhar, Shrinivas Vitthal Gadhinglajkar, Prasanta Kumar Dash, Nitha Jayaram, Anugya Bhatt Subhash Neyyattinkara Neelakandan Muraleedharan Chirathody Vayalappil Naresh Kasoju
12.	202041007100	19/02/2020	A MICRODIALYSIS PROBE AND METHOD OF MANUFACTURING THEREOF	27/08/2021	Chhavi Gupta, Vinodkumar Viswanathan Pillai, Ajay Prasad Hrishi Puzhankara, Easwer Hariharan Venkat
13.	202041007961	25/02/2020	A PROCESS FOR MODIFYING MAMMALIAN CHOLECYSTIC EXTRACELLULAR MATRIX THAT PROMOTES DIABETIC WOUND HEALING.	27/08/2021	Thapasimuthu Vijayamma Anilkumar, Praveen Kunjan Sobhan, Manjula Puthupparambil Mony
14.	202041013409	27/03/2020	POINT OF CARE TESTING PROTOCOL BASED ON RT-LAMP FOR RAPID DETECTION OF CORONAVIRUS SARS-COV-2	01/10/2021	Anoopkumar Thekkuveetil, Amal Wilson Varghese, Swathy Suresh Nair, Rasitha Santhosh Kanakalatha, Anjana Usha, Ria Elza Varghese
15.	202041015212	07/04/2020	A KIT FOR THE RAPID DETECTION OF COVID-19 IGG/IGM ANTIBODIES USING IMMUNOCHROMATOGRAPHIC TECHNIQUES.	08/10/2021	Anugya Bhatt, Manoj Gopi, Renjith parameswaran Nair, Jyothi Embekkat Kaviyil, Dinoop Korol Ponnambath, Ranjith Sankarankutty Kartha, Priyanka Ajitha, Anilkumar Velayudhan, Vani Maya.
16.	202041016519	16/04/2020	RAPID VIRAL RNA ISOLATION PROTOCOL.	22/10/2021	Anoopkumar Thekkuveetil, Amal Wilson Varghese, Swathy Suresh Nair, Rasitha Santhosh Kanakalatha

17.	202041018961	04/05/2020	DUAL-CHAMBER SWAB COLLECTION BOOTH	12/11/2021	Ramesh Babu, Muraleedharan Chirathody Vayalappil, Asha Kishore, Arvind Kumar Prajapati, Kelekanjeri Ganapathi Vishwanathan Siva Kumar, Saurabh Nair
18.	202041019145	05/05/2020	INTUBATION ISOLATION BOX	12/11/2021	Sarath Gopalakrishnan, Nagesh Divakara Panickar Sulochana, Vinod Kumar Viswanathan Pillai, Sethuramen Manikandan
19.	202041020015	12/05/2020	UNIVERSAL TRANSPORT MEDIUM	19/11/2021	Akhandanandan Maya Nandkumar, AnilKumar Pallicka veedu RajanAsari, AnugyaBhatt, Keerthi Santhosh kumar
20.	202041025514	17/06/2020	GENOMIC DNA EXTRACTION PROCESS FROM MYCOBACTERIUM TUBERCULOSIS SPUTUM SAMPLE FOR LOOP MEDIATED AMPLIFICATION REACTION.	24/12/2021	Anoopkumar Thekkuveettil, Vishnu Raj, Anjana Usha, Swathy Suresh Nair
21.	202041033175	03/08/2020	A PROCESS FOR DEVELOPING ALIGNED ELECTROSPUN FIBROPOROUS POLYMER MEMBRANE	04/02/2022	Ramesh Parameswaran, Pallickaveedu RajanAsari AnilKumar, Prima Sumam
22.	202041047225	29/10/2020	HYALURONIC ACID-CURCUMIN- HUMAN SERUM ALBUMIN COMPOSITION FOR RESTORING INFLAMMATION INDUCED DAMAGE OF KNEE JOINT	06/03/2022	Lissy Kalliyana Krishnan, Sachin Shenoy, Arumugam Sabaresswaran, Deepa Sathee
23.	202041043487	06/10/2020	A TEST KIT FOR THE DETERMINATION OF PROCALCITONIN(PCT) AND THE PROCESS THEREOF	07.10.2022	Manoj Gopi, Dinoop Korol Ponnambath, Jyothi Embekkat Kaviyil, Reshmi Prabhukumar Baby
24.	202041044910	15/10/2020	MITRAL ANNULOPLASTY RING	Awaiting Publication	Ranjith Gopinathan, Sunson Sunny, Muraleedharan Chirathodi

					Vayalappil, Ramesh Babu Venkatesan, Subhash Kumar Mahadevan Subhash Mandiram, Sarath Muraledharan
25.	202041052774	03/12/2020	A FILTER SYSTEM FOR CIRCULATING TUMOR CELLS	10.06.2022	Ramapurath Sarojini Amma Jayasree, Jibin Kunumpurathu
26.	202041053682	10/12/2020	A RAPID DETECTION KIT FOR CHLAMYDIA TRACHOMATIS AND THE PROCESS THEREOF	16/12/2022	Manoj Gopi, Dinoop Korol Ponnambath, Jyothi Embekkat Kaviyil, Shahana Nazarudheen
27.	202141018012	19.04.2021	SOY PROTEIN BASED BIOMATERIAL FOR TISSUE REGENERATION.	21.10.2022	Lizymol Philipose Pampadykandathil, Saranya Chulliyil Veluthedath, Deepu Damodharan Nair Regini
28.	202141025466	8/6/2021	A CELL AND TISSUE CULTURE STORAGE AND SHIPPING DEVICE	09.12.2022	Naresh Kasoju, Anilkumar Pallicka veedu Rajan Asari, Ramesh Babu Venkatesan, Anju Mohanan Shylaja
29.	202141036054	10/08/2021	BIO-ADHESIVEARTIFICIAL MEMBRANE GRAFT FOR PERFORATION THERAPY	10.02.2023	Ramesh Parameswaran,Unnikrishnan Gopalakrishna Panicker,Jasmin Joseph
30.	202141037246	17/08/2021	A DEVICE WITH AI INTERFACE FOR PREDICTING DOSAGE OF VITAMIN K ANTAGONISTS FOR MANAGING ORAL ANTICOAGULANT DRUGS	24/02/2023	Harikrishnan S, Devika S,K Arvind Menon,Vignesh Krishnan,Amruthlal M,Ameer Suhail P A,Swapneel Chandrakant Mhatre,Jimmy Jose,Jeemon Panniyammakal, Sanjay G, Lakshmikanth LR
31.	202141039627	01.09.2021	RADIAL-3D-MULTI-ORGAN ON A CHIP PLATFORM FOR BIOLOGICAL EVALUATION AND MEHOD OF PREPARATION	03.03.2023	Parayanthala Valappil Mohanan, Joseph Xavier, Akhil Venugopal, Arathi Ashok
32.	202141048805	26.10.2021	BIOCOMPATIBLE AND NON-TOXIC METHOD FOR AUGMENTING MECHANICAL STRENGTH OF DECELLULARISED TISSUE AND SCAFFOLDS	28.04.2023	Payanam Ramachandra Umashankar, Jesna Puthiya Veettil, Devika Sasikumar Lolitha

33.	202241043716	30.07.2022	REACTIVE MISTGENERATING SYSTEM FOR OBTAINING NANOSTRUCTURED, MULTILAYERED AND MULTIPHASE CALCIUM PHOSPHATE COATINGS IN PLASMA SPRAY	02/02/2024	MANOJ KOMATH, SAJIN RAJ RAJAN GIRIJA, SURESH BABU SIVADASAN, HARIKRISHNA VARMA PARIMANATHU KOVILAKOM RAMA VARMA
34.	202241045140	08.08.2022	A HAND HELD ELECTRICALLY OPERATED DEVICE FOR AUTOMATIC DELIVERY AND REFILLING OF CONTRAST INJECTOR	09/02/2024	SARATH SASIDHARAN NAIR, BIJULAL SASIDHARAN
35.	202241041968	22.07.2022	PORTABLE LOW-COST DISPOSABLE AUTOMATIC DEFIBRILLATOR FOR CARDIACARREST MANAGEMENT	26/01/2024	MANIKANDAN SETHURAMAN, MANOJ GOVINDA PILLAI SULOCHANA AMMA, RAHUL GOPINATHANPILLAI NATH
36.	202241048796	26.08.2022	A FLUID FLOW CONTROL DEVICE WITH FLAT TYPE ADJUSTABLE DIFFERENTIAL PRESSURE VALVE	01/03/2024	ANOOP GOPINATHAN, SUKANYA LATHA JAYACHANDRAN, VIPIN DEV VASUDEVAN, JITHU RAJ RAJU, SUBHASH KUMAR MAHADEVAN SUBHASHMANDIRAM, CHIRATHODI VYLAPPIL MURALEEDHARAN
37.	202241053990	21.09.2022	DIGITALLY CONTROLLED MULTICHANNEL NEUROSTIMULATOR FOR PAIN MANAGEMENT	22/03/2024	JITHIN KRISHNAN, NEETHU SUNDARLAL, MURALEEDHARAN CHIRATHODY VAYALAPPIL, NANDU KRISHNAN A M, AJAY PRASAD HRISHI
38.	202241052913	16.09.2022	AUTOMATED PRESSURE CHALLENGE TEST SYSTEM FOR CHIP BASED ELECTRONIC DEVICES	22/03/2024	JITHIN KRISHNAN, NEETHU SUNDARLAL, MURALEEDHARAN CHIRATHODY VAYALAPPIL, ADHIL ABOOBACKER
39.	202241061704	29.10.2022	MICE TRANSFER BOX-TUNNEL SYSTEM WITH SECURING GATES	03/05/2024	HARIKRISHNAN VIJAYAKUMAR SREELATHA, ARVIND KUMAR PRAJAPATI
40.	202241060846	26.10.2022	A TEMPERATURE PROFILING SYSTEM WITH IN-PLANE THREE AXIS MOVEMENT FOR CHIP- BASED ELECTRONIC DEVICES	03/05/2024	JITHIN KRISHNAN, MURALEEDHARAN CHIRATHODY VAYALAPPIL, BIJU B
41.	202341003820	19.01.2023	A PROCESS FOR THE FABRICATION OF MULTILAYERED PORCINE CHOLECYSTIC EXTRACELLULAR	26/07/2024	THAPASIMUTHU VIJAYAMMA ANILKUMAR, NEBU GEORGE THOMAS, PRATHEESH KANAKARAJAN VIJAYAKUMARI, YOGESH BHARAT DALVI,

			MATRIX (CECM) FOR TISSUE ENGINEERING APPLICATIONS		PRAVEEN KUNJAN SOBHAN, NIBU VARGHESE, U N NAGA LEKSHMI, BETCY THOMAS
42.	202241072828	16.12.2022	THREE-DIMENSIONAL HYDROPHILIC NANOFIBROUS MEMBRANE AS TISSUE EXTENDER PROMOTING NEOVASCULARIZATION AND A PROCESS OF PREPARATION THEREOF	21/06/2024	JAYANAND SUDHIR BHANU, RAKHI A, PRABHA DAMODARAN NAIR, LYNDA VELUTHERIL THOMAS, SACHIN JAYACHANDRA SHENOY, A SABAREESWARAN
43.	202241072554	15.12.2022	AN IMPLANTABLE MULTIPOLAR HYBRID ELECTRODE PROBE FOR NEURAL STIMULATION AND SENSING	21/06/2024	JITHIN KRISHNAN, SYAM K, KRISHNAKUMAR K, MURALEEDHARAN CHIRATHODY VAYALAPPIL
44.	202341021496	25.03.2023	THREE-DIMENSIONAL BIOPRINTED IN VITRO HEPATOTOXICITY ASSAY PLATFORM	27/09/2024	ANILKUMAR PALLICKA VEEDU RAJAN ASARI, SHINY VELAYUDHAN, ANUPAMA JAYAPRABHA SEKAR
45.	202241071067	09.12.2022	SELF RETAINING- NON TAPERING ENDONASAL SPECULUM FOR ENDONASAL ENDOSCOPIC / MICROSCOPIC SURGERIES	14/06/2024	SANJAY BEHARI, PRAKASH NAIR, ANISH KARIMPANNUR JOHN, ARUN ANIRUDHAN V, M GOWTHAM, SANJAY HM, REBIN ZACHRIA MATHEW, P HARISH RAM, R RAHUL DEV, ABHIRAM V S, BASIL BIJU K, SIDHARTH A, EASWER HV
46.	202241077522	31.12.2022	A PROCESS FOR THE FABRICATION OF LOW-COST POLYMERIC COMPOSITE OSTEOGENIC BONE SUBSTITUTE / BONE GRAFT EXPANDER	05/07/2024	BRIDGET JEYATHA WILSON, LIZYMOL PHILIPOSE PAMPADYKANDATHIL
47.	202341040576	14.06.2023	AN AUTOMATIC SELF-LOCKING CLIP ARRESTOR FOR USE WITH AN ANTERIOR CERVICAL PLATING SYSTEM	Awaiting Publication	KELEKANJERI GANAPATHI VISHWANATHAN SIVA KUMAR, VISHNU S PRASAD, MURALEEDHARAN CHIRATHODY VAYALAPPIL
48.	202341003519	18.01.2023	NANO GEL MODIFIED GLASS IONOMER CEMENT	19/07/2024	MANJU SARASWATHY, SREEJITH SASIDHARAN LATHIKUMARI, SURESH BABU S
49.	202341002949	14/01/2023	AN INTEGRATED SUCTION AND IRRIGATION DEVICE	19/07/2024	PRAKASH NAIR, ANISH KARIMPANNUR JOHN, EASWER HV, SANJAY HM, M GOWTHAM, REBIN ZACHRIA MATHEW, P HARISH RAM, R RAHUL DEV, ABHIRAM V S, BASIL BIJU K,

					ABHISHEK AP, REHAN SUNILDHAS, ARUN ANIRUDHAN V, SANJAY BEHARI
50.	202341003363	17/01/2023	ADAPTIVE PATIENT TROLLEY E-DRIVE	19/07/2024	SMITA V, ANISH KARIMPANNUR JOHN, SUBIN SUKESAN, SHRINIVAS V G, PRASANTA KUMAR DASH, JAYAKRISHNAN C, GOUTHAM SAI KRISHNA, A ARJUN, APARNA GOVIND, AYUSH ARUN, RAJEEV RAJAN, DINESH GOPINATH, SREELAL S, ARUN ANIRUDHAN V
51.	202341007849	07/02/2023	FLUORESCENCE-BASED LATERAL FLOW DEVICE FOR DETECTION OF N-TERMINAL BRAIN NATRIURETIC PEPTIDE (NT-ProBNP) AND THE PROCESS THEREOF	09/08/2024	MANOJ GOPI, HARIKRISHNAN SIVADASAN PILLAI, ANOOP KUMAR THEKKUVEETIL, ANUGYA BHATT, JEEMON PANNIYAMAKAL, SANJAY GANAPATHY, VANI MAYA
52.	202341007709	07/02/2023	TOOL FOR ISOFIXING, ISOSLICING OF LARGE SIZE SHEEP/PIG HEART	09/08/2024	SABAREESWARAN A, RANJITH GOPINATH, SACHIN.J.SHENOY, SOWMYA RAMANAN.V, ANISH KARIMPANNUR JOHN, P.HARISH RAM, REBIN ZACHIRA MATHEW, SMRITHI MK, R.RAHUL DEV, ABHIRAM.V.S, AYUSH ARUN, ASWANTH S, ARUN ANIRUDHAN.V
53.	202341021144	24/03/2023	UNIVERSAL MAGNETIC INSTRUMENT HOLDER	27/09/2024	PRAKASH NAIR, SAJIN RAJ RG, ANISH KARIMPANNUR 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
54.	202341021145	24/03/2023	A SURGICAL CHAIR	27/09/2024	PRAKASH NAIR, SAJIN RAJ RG, ANISH KARIMPANNUR 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
55.	202311005516	27/01/2023	A SELF-GELLING AND SELF-SETTING BIOACTIVE CEMENT FORMULATION FOR DENTAL TISSUE REGENERATION	02/08/2024	MANOJ KOMATH, EVA C DAS

56.	202341041150	16.06.2023	PRIMERS FOR REAL-TIME ISOTHERMAL AMPLIFICATION OF THE MPT 64 GENE OF MYCOBACTERIUM TUBERCULOSIS AND THE PROCESS THEREOF	Awaiting Publication	Dr.ANOOP KUMAR THEKKUVEETHIL, SWATHY SURESH NAIR, ANJANA USHA, RIA ELZA VARGHESE
57.	202341035039	19/05/2023	AUTOMATED CARDIOPULMONARY RESUSCITATION DEVICE	Awaiting Publication	SMITA V, ANISH KARIMPANNUR 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
58.	202341033332	11/05/2023	A PATTY MAKING DEVICE	15/11/2024	PRAKASH NAIR, SAJIN RAJ RG, ANISH KARIMPANNUR 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
59.	202341030091	26/04/2023	MODIFIED ATELCOLLAGEN BASED HYBRID HYDROGEL FOR THREE – DIMENSIONAL BIOPRINTING AND BIOMEDICAL APPLICATIONS	01/11/2024	Dr. SENTHILKUMAR MUTHUSAMY, Dr. ANILKUMAR PALLICKAVEEDU RAJAN ASARI
60.	202341037775	01/06/2023	BIFUNCTIONAL CYSTEINE GOLD NANOCCLUSERS FOR IMAGING AND INHIBITION OF AMYLOID BETA FIBRILS	06/12/2024	JAYASREE R.S RESHMI AMBIKA NAGAPPAN, MUNUSAMY EZHILARASAN DHUSHYANDHUN
61.	202341066471	04/10/2023	A PLATELET RICH FIBRIN PREPARATION box FOR UNIFORM PLATELET RICH FIBRIN MEMBRANE	Awaiting Publication	AMITA R, DEBASISH GUPTA,ANISH KARIMPANNUR JOHN, ANANYA L NAIR, ABHIRAM A S, AKSHAY SD, LEKSHMI RAJ J S, ADHARSH T S, KARTHIK KRISHNA
62.	202341060370	08/09/2023	A LEG MASSAGER FOR BLOOD DONOR'S COUCH	Awaiting Publication	AMITA R, DEBASISH GUPTA, ANISH KARIMPANNUR JOHN. RAVIN JAYAKUMAR, ATUL SIVA R J, ANJANA LS, HAFIS S MOHAMED, ROHIT SUNIL, JAYAKRISHNAN M

63.	202341044048	30/06/2023	IMPLANTABLE MICRO INFUSION PUMP WITH TUBE SLIP LOCK MECHANISM AND WIRELESS RECHARGING	Awaiting Publication	SARATH S NAIR
64.	202341049843	24/07/2023	TRANSCUTANEOUS ENERGY TRANSFER SYSTEM WITH AUTOMATIC CONTROL FOR ARTIFICIAL HEART	Awaiting Publication	SARATH S NAIR,HARIKRISHNAN S, NAGESH D S
65.	202341085893	15/12/2023	A DEVICE FOR AUTOMATED CARDIAC INVERSION WITH SELF DETECTION AND SHOCKING		NEETHU S, JITHIN KRISHNAN, C V MURALEEDHARAN, NARAYANAN NAMBOODIRI K K
66.	202341052311	03/08/2023	AUTOMATED ULTRASOUND GUIDED ARM FOR CANNULATION OF MAJOR BLOOD VESSELS	Awaiting Publication	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.	202341056104	22/08/2023	NANOZYME BASED LATERAL FLOW ASSAY DEVICE	Awaiting Publication	JAYASREE R.S SARATHKUKUAR ELANGOVAN
68.	202341055260	17/08/2023	TOOL FOR SURGICAL PLANNING IN VIRTUAL REALITY	Awaiting Publication	DR KESAVA DAS C , SMITA V, SUBIN SUKESAN, SUNIL KUMAR , KRISHNA SARMA S, VENKATA SUBBATH A, SMITHA S L , JEENA R S , ANISH KARIMPANNUR JOHN , RENJIMA G , JITHIN S S, ALOYSIOUS BENOY, SANDHRA PRATHAP P , ASSAY M KALLIAN , AKHIL AJITH , ARUN ANIRUDHAN V , SHEEBA KUMARI R, ADARSH ANIL KUMAR
69.	202341072280	23/10/2023	NON – INVASIVE PORTABLE DEVICE FOR CONTINUOUS MONITORING OF BRAIN	Awaiting Publication	MANOJ G S RAHUL G NATH DR S. MANIKANDAN

			OXYGEN SUPPLY DEMAND		
70.	202341055262	17/08/2023	MOBILE HOIST WITH HOIST – ASSISTED MOTORIZED WHEELCHAIR	Awaiting Publication	LINCY PHILIP, SRUTHI S. NAIR , ANISH KARIMPANNUR JOHN , VISHAL V J , MITHUN M , JEBIN JOSE , VAISAKHAN M S , ADITHYA S R
71.	202341055518	18/08/2023	RESORBABLE GRADED COMPOSITE MEMBRANES THAT RELEASE BIOCERAMIC PARTICLES IN VIVO FOR GUIDED TISSUE REGENERATION	Awaiting Publication	REMYA KOZHIMANNIL RAJAN, MANOJ KOMATH
72.	202341056012	21.08.2023	DRUG ELUTING MUCOADHESIVE BANDAGE	Awaiting Publication	DR MANJU S DR REKHA M R
73.	202341078956	21.11.2023	A SURGICAL SUCTION SYSTEM	Awaiting Publication	ANOOP GOPINATHAN, MURALEEDHARAN C V, ANOSH KUMAR, VIPIN DEV VASUDEVAN,
74.	202341086486	18/12/2023	GUIDE WIRE FOR LUMBAR PUNCTURE	Awaiting Publication	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
75.	202341062105	15/09/2023	BIOLOGIC CAVITY VIEWER , IMAGING CAPTURE AND INCORPORATED IMAGE PROCESSING MEASUREMENT SYSTEM	Awaiting Publication	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
76.	202341075750	06/11/2023	A PORTABLE X-RAY PROTECTION BARRIER AND EXAMINATION BOX WITH MOVING ARM SPECIMEN HOLDER MECHANISM		DR SABAREESWARAN A ANISH K JOHN ASWIN P K AADITYA S K REETHULAL M
77.	202341077756	15/11/2023	A TROLLEY WITH A SUSPENSION 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
78.	202441039665	21/05/2024	REAL TIME- LOOP MEDIATED AMPLIFICATION ASSAY FOR THE DETECTION OF HUMAN PAPILOMA VIRUS		DR ANOOP KUMAR THEKKUVEETHIL,RIA ELZA VARGHESE, ANJANA USHA
79.	202441027075	01/04/2024	A METHOD FOR PREPARING A SOLVENT FREE 3D PRINTABLE POLYMER COMPOSITE BIOMATERIAL		SHINY VELAYUDHAN, MANOJ KOMATH, ANIL KUMAR PALLICKAVEEDU RAJAN ASARI, DEEPU DAMODHARAN RAGINI
80.	202411004841	24/01/2024	DCL-GHA, DCL-LHA, AND DCL K1 CONJUGATED TISSUES AS THROMBO RESISTANT SUFACES FOR MANUFACTURE OF BLOOD CONTACTING MEDICAL DEVICES		PROF. V. HARIDAS SAGAR JAWLA DEVIKA S L DR. P R UMASHANKAR
81.	202441007228	02/02/2024	AN AUTOMATED CONSUMABLE DISPENSER UNIT		DHANYA S, SHANI S D, ANISH K JOHN, ALOYSIOUS BENOY, ADITH V S, AISWARYA MOHAN, AKSHAY MAHADEVAN SREEDARSH V, NITHIN KRISHNAN S S, ANKITHA V N, SANGEETH SANKAR, ARJUN B GOPAN, ATHIRA L, LEKSHMI S, KRISHNA SARMA S, DAMODARA SARMA E, ARCHANA S,SREELAL S
82.	202441009781	13/02/2024	AN IMPLANTABLE DIRECT NERVE STIMULATION SYSTEM CAPABLE OF EMPLOYING MAGNETIC COUPLING AND PRECISION ADAPTIVE FEEDBACK		NEETHU S JITHIN KRISHNAN C V MURALEEDHARAN
83.	202441022736	23/03/2024	DISSOLVABLE MICRONEEDLE FOR TRNSDERMAL DRUG DELIVERY AND METHOD OF PREPARATION		SHINY VELAYUDHAN, DEEPU DAMODHARAN RAGINI

			THEREOF		
84.	202441038410	16/05/2024	FLUORESCENCE MAPPING SYSTEM FOR OPTICAL PATHOLOGY		DR JAYASREE R S , ARUN ANIRUDHAN V, SHAIJU S NAZEER, JEENA RS, ANISH KARIMPANNUR JOHN, BHADRA DEVI NAIR S, NANDANA V L, NAYANA V L, SHREYA RS, ANANTHA KRISHNAN S, SETHULEKSHMI S, SANIL L DANIEL
85.	202431025124	28/03/2024	METHOD OF MANUFACTURING A COMPOSITE MATERIAL AND DEVICE FOR ASSISTING WITH COMPOSITE MATERIAL MANUFACTURING		Gijo Raj, Subhash Neyyattinkara Neelakandan, Roy Joseph, Adarsh Asokan Bindhu, Mriganshu Guha, Subrata Mukherjee
86.	202441059897	08/08/2024	A POLYMERIC MEDICAL ELECTRODE AND ITS METHOD OF PREPARATION		Dr. Nitha V Panicker, Dr. Ramesh P, Jasmin Joseph
87.	202411074414	01/10/2024	METHOD OF ELECTROCHEMICAL BIOSENSING N-TERMINAL BRAIN NATRIURETIC PEPTIDE (NT- PRO BNP) AND THE PROCESS THEREOF		VANI MAYA, MANOJ GOPI, HARIKRISHNAN SIVADASAN PILLAI, RENJITH SASI
88.	202441066211	02/09/2024	HEMOSTATIC SPONGE WITH ACCELERATING CLOTHING CASCADES		Dr. MANJU S, Dr UMASHANKAR .P. R
89.	202441087658	13.11.2024	MULTILAYERED DRUG-LOADED ELECTROSPUN MEMBRANE FOR TISSUE REGENERATION		SARANYA CHULLIYIL VELUTHEDATH, DR. LIZYMOL PAMPADIKANDATHIL PHILIPOSE, DR. DEEPU DAMODHARAN RAGINI
90.	202441075817	07.10.2024	CERAMIC BARRIER FOR REDUCING METAL ION ELUTION FROM METAL BASED CORONARY STENTS AND A METHOD OF MANUFACTURING THE SAME		SUBHASH NEYYATTINKARA NEELAKANDAN, SUJESH SREEDHARAN, MURALEEDHARAN CHIRATHODY VAYALAPPIL
91.	202441093438	29.11.2024	DEVICE AND METHOD OF VERSATILE TRAINING FOR DEEP MICRO-VASCULAR ANASTOMOSIS		JAYANAND SUDHIR BHANU, ARVIND KUMAR PRAJAPATI
92.	202541008717	03.02.2025	A BIOPROSTHETIC HEART VALVE		RANJITH G, MURALEEDHARAN C V , UMASHANKAR P R , VIVEK V PILLAI, RAJEEV A, SUBHASH KUMAR M S, UNNIKRISHNAN M M

93.	202541016764	26/02/2025	A FLEXIBLE PEDICLE SCREW SUPPORTING APPARATUS	ARVIND KUMAR PRAJAPATHI, MURALEEDHARAN C V, GANESH DIVAKAR, UNNIKRISHNAN M M, KRISHNAKUMAR .K
94.	202541029858	28/03/2025	PARYLENE-COATED ELECTROSPUN POLYURETHANE FIBROUS MEMBRANE FOR DURA SUBSTITUTE APPLICATION	DR. RAMESH P, DR. PRAKASH NAIR, DR UMASHANKAR P. R, DR. SABAREESWARAN A, DR.EASWER H. V, THEERDHA V NAIR
95.	202541039439	24/04/2025	A MITRAL CLIP DESIGN INCORPORATING A TRUSS STRUCTURE CONFIGURATION FOR CORRECTION OF MITRAL REGURGITATION	Ranjith Gopinathan, Muraleedharan Chirathodi Vylappil, Dr Harikrishnan S, Praful Prasannan
96.	202541056653	12/06/2025	A BIOSENSOR FOR THE DETECTION OF BIOMARKERS OF ALZHEIMER'S DISEASE, AND A METHOD OF PREPARATION THEREOF	DR. JAYASREE RAMAPURATH SAROJINI AMMA, JINESH KOCHUPURACKAL BALAKRISHNAN PILLAI, RESMI AMBIKA NAGAPPAN, JIJO PEEDIYACKAL THOMAS
97.	202541068805	18/07/2025	HEMOSTAT APPLICATOR FOR RESTRICTED NARROW ENDOSCOPIC SURGICAL SPACES	DR. PRAKASH NAIR, DR. EASWER .H.V, MR SHAJ UPENDRAN, MR PRAVEEN JAMES, MR ANOOP JOSE, MR. ASI HAB.M
98.	202541079457	21/08/2025	A MODULAR AND PORTABLE IMPEDANCE MEASUREMENT DEVICE FOR NON-INVASIVE BIO-MEDICAL MONITORING	JITHIN KRISHNAN NEETHU .S MURALEEDHARAN .C .V
99.	202541090459	22.09.2025	MEMBRANE BASED VOICE PROSTHESIS	SAURABH S. NAIR BIPIN THOMAS VARGHESE SUJESH SREEDHARAN KRIPARAJ. K G JITHU RAJ R
100.	202541094589	1.10.2025	A FLEXIBLE RADIATION SHIELDING POLYMER COMPOSITE FILM AND A PROCESS FOR FABRICATION THEREOF	GIJO RAJ ROY JOSEPH HARIKRISHNAN SIVADASANPILLAI
101.	202541110930	13/11/2025	DISULPHIDE CROSS-LINKED BIOMATERIALS FOR WOUND HEALING APPLICATIONS	DR.Rekha .M .R DIVYA .M .R LINJU .M .C
102.	202541119410	29/11/2025	202541119410	JITHIN KRISHNAN NEETHU S GANGADHARA SARMA S SYAM KRISHNAN DIVYA K P ASISH VIJAYARAGHAVAN MURALEEDHARAN C. V.

103.	202541116766	25-11-2025	METHOD FOR DEVELOPING A STANDARDIZED CUSTOM CELL-CULTURE INSERT ENABLING MULTI-ORGAN-ON-CHIP INTEGRATION	DR MANOJ GOPI AMIR SUHAIL U AJAI KRISHNAN M.J. DR REMYA N.S.
104.	202541115140	21-11-2025	Wearable Biological Sound Simulation System And Method Of Operating The Same	DR. PRASANTA KUMAR DASH DR. SMITA V. DR. DINESH RAJA P DR. SACHIN J. SHENOY DR. AJAY ALEX BINU THOMAS JOBIN TONY DR. HARIPRIYA A.P. SURYAPRIYA.S ANISH KARIMPANNUR JOHN J S ABHIRAM SURESH DR. ARUN ANIRUDHAN V
105.	202641016529	14/02/2026	VIRTUAL REALITY-BASED SYSTEM AND METHOD FOR SHOULDER THERAPY AND REHABILITATION OF PATIENTS	Subhash Neyyattinkara Neelakandan Sylaja Padmavathy Narayana Pillai Muraleedharan Chirathodi Vayalappil Sabarinath Chandrasenan Nair Rejitha Rajappan Nair Siva Sambath Shamugha Sundaram
106.	202641023518	27/2/2026	MICRONEEDLE PATCH WITH INTEGRATED FLEXIBLE BACKING	SHINY VELAYUDHAN ANIL KUMAR P R DEEPU DAMODHARAN RAGINI