



**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

INDIAN PATENTS GRANTED

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

PATENTS(INDIA) GRANTED (SEALED)

Sl.No	APPLICATION NUMBER	DATE OF FILING	PATENT NUMBER	TITLE OF INVENTION	INVENTORS
191	201741036490 PCT/IN2018/050642	13/10/2017	489968	IMPLANTABLE ATRIAL SEPTAL DEFECT OCCLUSION DEVICE WITH WOVEN CENTRAL SECTION ON LEFT ATRIAL FLANGE	Sujesh Sreedharan, Jijo Jerard, Liji Geetha Vijayan, Dr. Bijulal Sasidharan
190	5408/CHE/2015	09/10/2015	482806	POLYMERIC MICRO NEEDLES FOR CONTROLLED DELIVERY OF DRUGS/BIOMOLECULES AND A PROCESS FOR THE PREPERATION THERE OF	Shiny Velayudhan Prabha Damodaran Nair
189	201941034702	28/8/2019	479284	A RADIOPAQUE BIOACTIVE NON CYTOTOXIC BONE CEMENT AND THE PROCESS THEREOF	Lizymol Philipose pampady kandathil
188	202141007977	25/02/2021	475367	AN ULTRASENSITIVE NANOSENSOR FOR DOPAMINE DETECTION AND THE PROCESS THEREOF	Ramapurath Sarojini Amma Jayasree, Resmi Vijayan Nair
187	201641023201	06/07/2016	474579	A PROCESS FOR THE ISOLATION OF FIBRINOGEN CONCENTRATE, SERUM ALBUMIN OR THROMBIN FROM POOLED HUMAN PLASMA	Lissy Kalliyana Krishnan Anilkumar Velayudhan, Priyanka Ajitha Ranjith Sankarankutty Kartha,
186	201741001964	18/01/2017	474076	AN APPLICATION SYSTEM FOR TWO COMPONENT INJECTABLE GEL MIXTURES WITH A HOMOGENEOUS MIXING UNIT FOR VARIOUS APPLICATIONS.	Praveen Krishnan Veerasubramaniam Lynda Veluthetil Thomas Prabha Damodaran Nair
185	201841020267	30/05/2018	469615	A TUNABLE BIOINK FOR 3D BIOPRINTING AND THE PROCESS FOR THE PREPARATION THEREOF	Roy Joseph Praveen Kunjan Sobhan
184	201841000162	02/01/2018	466411	GELATIN COPOLYMER WITH VINYL MONOMERS AND ITS BLEND WITH SYNTHETIC POLYMERS AS SCAFFOLD FOR CELL GROWTH	Lynda Veluthetil Thomas Prabha Damodaran Nair

PATENTS(INDIA) GRANTED (SEALED)

Sl.No	APPLICATION NUMBER	DATE OF FILING	PATENT NUMBER	TITLE OF INVENTION	INVENTORS
183	201741031554	06/09/2017	467089	MULTI FUNCTIONAL FLUORESCENT NANOSENSOR FOR SIMULTANEOUS DETECTION OF COPPER AND CREATININE AND THE PROCESS THEREOF.	Jayasree Ramapurath Sarojini Amma Resmi Vijayan Nair Parvathy Radhakrishna Pillai Suma
182	6648/CHE/2014	29.12.2014	465267	A SYSTEM AND A METHOD FOR NON-CONTACT WARMING OF BAG CONTAINING BLOOD AND INTRAVENOUS FLUIDS WITH INFRARED HEATING FROM REFRIGERATOR CONDITION TO PHYSIOLOGICAL CONDITION FOR MASSIVE TRANSFUSION.	Sarath sasidharan Nair Nagesh Divakara Panickar Sulochana
181	201741021062	16/06/2017	458341	A HYDROGEL SYSTEM FOR THREE-DIMENSIONAL (3d) PRINTING	Shiny Velayudhan, Anilkumar Pallicka veedu Rajan Asari, Kumary Thrikkovil Variath,Kalliyankrishnan Venkateswaran
180	3292/CHE/2015	26/06/2015	457406	A METHOD FOR TESTING OXYGEN TRANSFER PERFORMANCE OF A BLOOD OXYGENATOR	Muraleedharan Chirathody Vayalappil. Nagesh Divakara Panickar Sulochana
179	985/CHE/2012	19/03/2012	455693	A SIMPLIFIED PROCEDURE FOR ISOLATION OF TISSUE ENGINEERING- SCAFFOLDS FROM CHOLECYST	Thapasimuthu Vijayamma Anilkumar
178	201641020912	18.06.2016	450159	MAGNETIC REASONANCE IMAGE(MRI) COMPATIBLE NON- REBREATHING SEQUENTIAL GAS DELIVERY SYSTEM TO MAINTAIN CONSTANT END TIDAL CARBON DIOXIDE (ETCO2), TO BE USED FOR CEREBRO VASCULAR REACTIVITY (CVR) ASSESSMENT USING FMRI AND ALLIED TECHNIQUES AND TO VARY THE LEVEL OF ETCO2 AT FIXED TIME POINTS	Bejoy Thomas Gayatrrri Parthasarathi Manoj Govinda Pillai Sulochana Amma Suneel Puthuvasseril Raman Unnikrishnan Koniparampil Pappu

PATENTS(INDIA) GRANTED (SEALED)

Sl.No	APPLICATION NUMBER	DATE OF FILING	PATENT NUMBER	TITLE OF INVENTION	INVENTORS
177	201841029835	08/08/2018	444325	RECOMBINANT TRANSFORMING GROWTH FACTOR ALPHA (TGF α) FOR VARIOUS WOUND HEALING APPLICATIONS AND THE PROCESS THEREOF	Anoopkumar Thekkuveetil Salini Bhasker Geethu Shaji
176	2894/CHE/2013	28/06/2013	440233	HIGH SENSITIVE CURRENT CONTROLLED ELECTROMAGNETIC BLOOD FLOW METER DEVICE	Sarath sasidharan Nair Nagesh Divakara Panickar Sulochana Vinod Kumar Viswanathan Pillai
175	201741040538	14/11/2017	437270	IMPLANTABLE ATRIAL SEPTAL OCCLUSION DEVICE WITH LEFT ATRIAL DISC HAVING A LOW PROFILE INTER-TWINED CENTRE	Sujesh Sreedharan, Jijo Jerard, Amritha Thankamony Suresh
174	201741039475	06/11/2017	437272	A DELIVERY DEVICE WITH A THUMB WHEEL DRIVE FOR INTRODUCING, POSITIONING AND DEPLOYING A STENT GRAFT	Sujesh Sreedharan, Krishna Kumar Sreekumaran, Jijo Jerard, Anoop Gopinathan
173	201741038830	01/11/2017	437267	AN IMPROVED STENT WITH ENHANCED CRIMPABILITY, HAVING ENCLOSING STRUTS, FOR USE IN BLOOD VESSELS	Sujesh Sreedharan, Krishna Kumar Sreekumaran
172	202041029149	09/07/2020	435101	MUCIN INCORPORATED ELECTROSPUN ZEIN AND ITS BLENDS WITH ENHANCED MUCO ADHESION AS A DRUG DELIVERY SYSTEM	Ramesh Parameswaran, Rekha Mannemcherril Ramesan, Prakash Nair, Medha Surendranath
171	3172/CHE/2012	02/08/2012	434581	A PROCESS FOR MAKING TITANIUM BONE IMPLANTS WITH BIOCOMPATIBLE AND NANOPOROUS SURFACE STRUCTURE	Rajesh Palangadan, Manoj Komath, Parimanathu Kovilakom Rama Varma Hari Krishna Varma.
170	6194/CHE/2013	31/12/2013	433927	A METHOD FOR FABRICATING BIO-ARTIFICIAL SKIN GRAFT BY LOADING CELLS ON CHOLECYST EXTRACELLULAR MATRIX FOR WOUND HEALING APPLICATIONS.	Deepa Revi Anoopkumar Thekkuveetil Thapasimuthu Vijayamma Anilkumar

PATENTS(INDIA) GRANTED (SEALED)

Sl.No	APPLICATION NUMBER	DATE OF FILING	PATENT NUMBER	TITLE OF INVENTION	INVENTORS
169	201741038832	01/11/2017	429582	AN IMPROVED STENT FOR USE IN BLOOD VESSELS WITH ENHANCED FIXATION	Sujesh Sreedharan, Krishna Kumar Sreekumaran
168	202041036226	22/08/2020	427997	A PROCESS OF PREPARATION OF AN INJECTABLE HYDROGEL FORMULATION OF MAMMALIAN CHOLECYST EXTRACELLULAR MATRIX FOR TISSUE ENGINEERING APPLICATIONS	Pratheesh kanakarajan vijayakumari, Praveen kunjan sobhan, Thapasimuthu Vijayamma Anilkumar, Reshmi Raj, Purnima Chandramohanan
167	4867/CHE/2013	29/10/2013	426017	POROUS SCAFFOLD FOR TISSUE ENGINEERING	Prabha Damodaran Nair Neena Aloysious
166	201641015636	05/05/2016	426700	BIOMIMETIC FIBRIN GEL COMPOSITE INJECTABLE TO SPINAL CORD INJURY FOR PREVENTION OF IMMUNE REACTION AND DELIVERY OF NEURAL PROGENITORS	Lissy Kalliyana Krishnan Tara Sudhadevi
165	202041022745	30/05/2020	424961	HYDRO-NANOGEL POWDER FORMULATION FOR ORAL PROTEIN DELIVERY APPLICATIONS	Mannemcherril Ramesan Rekha
164	3482/CHE/2014	15/07/2014	423230	A PORTABLE DEVICE AND A METHOD FOR NON-CONTACT WARMING OF BLOOD AND INTRAVENOUS FLUIDS WITH INFRARED HEATING FROM REFRIGERATOR CONDITION TO PHYSIOLOGICAL CONDITION	Sarath sasideharan Nair Nagesh Divakara Panickar Sulochana
163	201741039555	07/11/2017	422625	A DELIVERY DEVICE FOR POSITIONING AND DEPLOYMENT OF STENT GRAFTS	Sujesh Sreedharan, Krishna Kumar Sreekumaran, Vivek Parayath Uthaman, Subhash Neyyattinkara Neelakandan.

PATENTS(INDIA) GRANTED (SEALED)

Sl.No	APPLICATION NUMBER	DATE OF FILING	PATENT NUMBER	TITLE OF INVENTION	INVENTORS
162	201741031416	05/09/2017	421123	PULLULAN-GELATIN CROSS LINKED BIODEGRADABLE CRYOGEL SCAFFOLD AS AN IMPLANT FOR CARTILAGE TISSUE REPAIRA	Nimi Nirmala Resmi Anand Merlin Rajesh Lal Lawrence Panchali Prabha Damodaran nair
161	4529/CHE/2012	30/10/2012	420067	SINGLE STEP METHOD FOR COVALENTLY LINKING HEPARIN TO DECELLULARISED TISSUE	Payanam Ramachandra Umashankar Prem Mohan Mohana Chandran
160	201941005030	08/02/2019	419844	A MULTIMODALITY STIMULATION DEVICE FOR NEUROLOGICAL DISORDERS	Sajith Sukumaran Sesh Sivadasan Sajithlal Madavan Krishnamma Jithin Krishnan Rajkrishna Rajan
159	1080/CHE/2012	23/03/2012	419263	A CENTRIFUGAL PUMP FOR TRANSFERRING FLUID AT A REDUCED PRIMING VOLUME WITHOUT DETERIORATION OF INHERENT FLUID PROPERTIES.	Nagesh Divakara Panickar Sulochana Vinod Kumar Viswanathan Pillai
158	201641012862	12.04.2016	416460	A PROCESS OF ASCERTAINING RELIABILITY AND DETERMINING SAFE SERVICE LIFE OF HIGH RISK MEDICAL IMPLANTS LIKE ARTIFICIAL HEART VALVES USING AN ACCELERATED DURABILITY TESTING APPARATUS	Subhash Neyyattinkara Neelakandan. Muraleedharan Chirathody Vayalappil
157	46/CHE/2014	06/01/2014	416465	AN EXTERNAL PNEUMATIC COMPRESSION DEVICE FOR PREVENTION OF DEEP VEIN THROMBOSIS	Jithin Krishnan Koruthu Puthenparampil Varughese
156	201841018045	14/05/2018	416391	A MICROFLUIDIC PAPER BASED ANALYTICAL DEVICE WITH A LAMINATED BASE AND THE PROCESS OF FABRICATION	Lynda Velutheril Thomas Prabha Damodaran Nair Priyadarsini Sreenivasan

PATENTS(INDIA) GRANTED (SEALED)

Sl.No	APPLICATION NUMBER	DATE OF FILING	PATENT NUMBER	TITLE OF INVENTION	INVENTORS
155	2918/CHE/2015	10/06/2015	415692	AN IMPROVED PORTABLE INFANT WARMING DEVICE HAVING RADIANT NON CONTACT WARMING INFRARED LIGHT EMITTING DIODES FOR PROVIDING A UNIFORM WARM ENVIRONMENT AROUND A PREMATURE BORN BABY	Sarath sasidharan Nair Nagesh Divakara Panickar Sulochana
154	201941013381	03/04/2019	415206	A RADIOPAQUE POLYMERIC LIQUID EMBOLIC SYSTEM	Roy Joseph, Jayadevan Enakshy Rajan Gopika Valsalakumari Gopan
153	877/CHE/2012	08/03/2012	414227	A SIMPLIFIED PROCEDURE FOR ISOLATING TISSUE ENGINEERING SCAFFOLDS FROM SMALL INTESTINAL SUBMUCOSA OF WARM BLOODED ANIMALS	Thapasimuthu Vijayamma Anilkumar
152	2338/CHE/2013	29/05/2013	413604	A PROCEDURE FOR FABRICATING XENOGRAFT USING MAMMALIAN CHOLECYST DERIVED EXTRACELLULAR MATRIX FOR WOUND HEALING APPLICATIONS	Deepa Revi, Thapasimuthu Vijayamma Anilkumar, Jaseer Muhamed Ceethakulath Jamaludheen
151	201941041135	11/10/2019	413329	A SUCTION RETRACTOR DEVICE FOR AORTIC VALVE REPLACEMENT IN ADULT CARDIAC SURGERY	Bineesh Kundoly Radhakrishnan, Sarath Gopalakrishnan, Vinodkumar Viswanathan Pillai, Rajkrishna Rajan
150	4025/CHE/2014	18/08/2014	413196	DETECTION AND REMOVAL OF ENDOSULFAN FROM GRO UND WATER USING CADMIUM SELENIUM QUANTUM DOTS	Jayasree Ramapurath Sarojini amma Lakshmi Vijayan Nair
149	1176/CHE/2012	28/03/2012	413023	A PROCESS FOR DELAMINATING TISSUE LAYERS OF URINARY BLADDER FOR ISOLATING EXTRACELLULAR MATRIX COMPONENTS	Thapasimuthu Vijayamma Anilkumar

PATENTS(INDIA) GRANTED (SEALED)

Sl.No	APPLICATION NUMBER	DATE OF FILING	PATENT NUMBER	TITLE OF INVENTION	INVENTORS
148	4362/CHE/2015	20.08.2015	412159	NEW GENERATION OF CALCIUM PHOSPHATE BASED BIOCERAMIC SCAFFOLDS FROM SYNTHETIC INORGANIC PRECURSORS AND A PROCESS FOR THE PREPARATION THEREOF	Parimanathu Kovilakom Rama Varma Hari Krishna Varma, Nimmy Mohan, Sivadasan Suresh Babu
147	202041025478	17/06/2020	410827	LOW COST BIOACTIVE BONE CEMENTS	Lizy mol Philipose Pampadykandathil Bridget Jeyatha Wilson
146	201741025621	19/07/2017	410403	DEVELOPMENT OF SMART BIOACTIVE RADIOPAQUE DENTAL COMPOSITE WITH SUPERIOR MECHNANICAL PROPERIES FROM INORGARNIC-ORGANIC HYBRID RESIN	Lizy mol Philipose Pampadykandathil Kalliyanakrishnan Venkateswaran Vibha Chandrababu
145	4543/CHE/2015	28/08/2015	407428	FIBRIN WAFER FOR SUSTAINED LOCAL DELIVERY OF HUMAN ALBUMINATED CURCUMIN	Lissy Kalliyana Krishnan, Ranjith Sankarankutty Kartha
144	5557/CHE/2015	16/10/2015	409296	AN IMPROVED PORTABLE BASSINET WITH CONTROLLED INFRARED WARMING FACILITY FOR THERMOREGULATION OF LOW-BIRTH-WEIGHT INFANTS TO ACHIEVE FASTER WEIGHT RECOVERY AND A METHOD FOR THE SAME	Sarath sasidharan Nair, Manoj Komath
143	201941001306	11/01/2019	404518	AMINO ACID ENRICHED TUNABLE BIOINK FORMULATION FOR MULTIDIMENSIONAL BIOPRINTING AND THE PROCESS THEREOF	Roy Joseph, Praveen Kunjan Sobhan
142	3022/CHE/2015	17/06/2015	402986	ARTERIAL COMPRESSION DEVICE FOR POST ANGIOPLASTY MANAGEMENT IN FEMORAL AND RADIAL PUNCTURE SITE	Jithin Krishnan, Muraleedharan Chirathody Vayalappil

PATENTS(INDIA) GRANTED (SEALED)

Sl.No	APPLICATION NUMBER	DATE OF FILING	PATENT NUMBER	TITLE OF INVENTION	INVENTORS
141	201641026539	03/08/2016	402649	AN ANTIMICROBIAL WOUND DRESSING MATERIAL	Kalliyanakrishnan Venkateswaran, Lissy Kalliyana Krishnan, Rethikala Pandikapallil Kumaran
140	201841028120	26/07/2018	400578	A PROCESS FOR THE SYNTHESIS OF SHELL NACRE CONTAINING BIO-RESIN FOR DENTAL AND ORTHOPEDIC APPLICATIONS	Lizymol Philipose Pampadykandathil Wilson Bridget Jeyatha Venkiteswaran KalliyanaKrishnan
139	201941013380	03/04/2019	398081	A NON-CYTOTOXIC DIPHENOLIC TETRAIODO COMPOUND AND METHOD OF PREPARATION THEREOF	Roy Joseph, Gopika Valsalakumari Gopan
138	114/CHE/2012	11/1/2012	394822	AN IMPROVED SYSTEM FOR VAPOUR POLISHING OF PLASTIC COMPONENTS IN A METALLIC VESSEL	Nagesh Divakara Panickar Sulochana Vinod Kumar Viswanathan Pillai
137	5365/CHE/2014	28/10/2014	394363	A SPIRAL CROSS FLOW COMPACT HEAT EXCHANGER FOR BLOOD TO BE PROVIDED WITH MEMBRANE OXYGENATORS EMPLOYED IN EXTRACORPOREAL CARDIOPULMONARY SUPPORT	Nagesh Divakara Panickar Sulochana Vinod Kumar Viswanathan Pillai Vijayakumar Harikrishnan
136	201741047245	29/12/2017	393911	LINT FREE CROSSLINKED CHITOSAN-PVA SPONGE AS AN ABSORBENT WOUND DRESSING AND METHOD OF PREPARATION THEREOF	Lynda Velutheril Thomas Prabha Damodaran Nair Nimi Nirmala Shanti Krishna Ayilliath
135	201841018007	14/05/2018	392923	A BIOACTIVE AND THERMORESPONSIVE RAPID GEL PREPARED OUT OF AN ACTIVE MACROMONOMER WHICH IS DEVELOPED FROM A BIOPOLYMER AND THE PROCESS THEREOF	Radhakumary Changerath Kunatheery Sreenivasan
134	1516/CHE/2013	03/05/2013	331313	FIBRIN WAFER / DISC AS A BIOLOGICAL CARRIER FOR SUSTAINED DELIVERY OF CURCUMIN	Lissy Kalliyana krishnan Lakshmi Sreedharan Pillai

PATENTS(INDIA) GRANTED (SEALED)

Sl.No	APPLICATION NUMBER	DATE OF FILING	PATENT NUMBER	TITLE OF INVENTION	INVENTORS
133	2398/CHE/2014	14/05/2014	389894	DEVELOPMENT OF A BIODEGRADABLE AND BIO MIMETIC HYBRID SCAFFOLD USING SYNTHETIC PLGC TERPOLYMER AND BIOPOLYMER FOR TISSUE ENGINEERING	Kalliyanakrishnan Venkateswaran Lissy Kalliyana krishnan
132	390/CHE/2015	28/01/2015	385033	DENTAL COMPOSITES FOR DENTAL RESTORATION	Lizymol Philipose Pampadykandathil Vibha Chandrababu
131	338/CHE/2015	23/01/2015	381633	A DEVICE FOR AUTOMATIC MAINTENANCE, CONTROL AND MONITORING OF INTRA-CUFF PRESSURE IN ENDOTRACHEAL TUBES	Jithin krishnan Muraleedharan Chirathody Vayalappil
130	201811049187	26/13/2018	364000	A DENTAL RESTORATIVE COMPOSITE AND A PROCESS FOR PREPARING THE SAME	Lt. Col. Manu Krishnan Dr. Lizymol Philipose Pambadykandathil
129	201741019059	31/05/2017	377860	A POLYMERIC SCAFFOLD FOR FULL THICKNESS SKIN CONSTRUCT	Babitha Sumathy, ShinyVelayudhan, Prabha Damodaran Nair
128	6547/CHE/2015	08/12/2015	354444	HYDROXYAPATITE GEL BASED INJECTABLE RADIO-OPAQUE PASTE FOR ROOT CANAL FILLING.	Manoj Komath Parimanathu Kovilakom Rama Varma Hari Krishna Varma
127	201741046606	26/12/2017	374801	ISOTHERMAL AMPLIFICATION OF mpt64 GENE USING SPECIFIC PRIMERS FOR THE DETECTION OF <i>Mycobacterium tuberculosis</i> AND THE PROCESS THEREOF.	Anoop Kumar Thekkuveetil, Praveen Sanker Shivasankaran, Swathy Suresh Nair
126	3071/CHE/2015	19/06/2015	373359	PROCESS FOR PRODUCING CALCIUM PHOSPHATE PARTICLES BY ELECTRO SPRAYING COMBINED WITH SOL GEL METHOD JOINT APPLICATION WITH IITM	T.S.Sampath kumar V.Yogeswar chakrapani Kumary Thrikkovil Variath

PATENTS(INDIA) GRANTED (SEALED)

Sl.No	APPLICATION NUMBER	DATE OF FILING	PATENT NUMBER	TITLE OF INVENTION	INVENTORS
125	4027/CHE/2014 (SCTIMST/KSCSTE)	18/08/2014	370869	A PROCESS FOR THE SYNTHESIS OF INORGANIC-ORGANIC HYBRID RESINS COMPRISING OF ALKOXIDES OR MIXTURES OF ALKOXIDES OF CALCIUM, MAGNESIUM, ZINC, STRONTIUM, BARIUM AND MANGANESE WITH POLYMERISABLE (DI AND TETRA) METHACRYLATE GROUPS.	Lizymol Philipose Pampadykandathil Vibha Chandrababu
124	201641010185 (SCTIMST/IITM)	23/03/2016	370281	NON-LEACHING BACTERIAL AND PATELET ANTI ADHESIVE BIOACTIVE SURFACE	Ramesh Parameswaran Akhandanandan Maya Nandkumar Vignesh Muthuvijayan Sudhin Thampi
123	4292/CHE/2012	15/10/2012	368256	A PROCESS FOR MAKING DIAMOND LIKE CARBON COATING TO PREVENT METAL ION ELUTION FROM THE SURFACES OF MEDICAL DEVICES	Manoj Komath Chirathodi Vylappil Muraleedharan Gobichettipalayam Subbratnam Bhuvaneshwar
122	2200/CHE/2013 (SCTIMST/ICMR)	20/05/2013	366980	DEVELOPMENT OF SOLUBLE ALBUMINATED CURCUMIN FOR APPLICATION IN CANCER THERAPY	Lissy Kalliyana krishnan Christina Thomas
121	1166/CHE/2014	7/03/2014	363561	PROCESS AND COMPOSITIONS OF SELF-AGGREGATED HYDROPHOBIC POLYSACCHARIDE NANOPARTICLES FOR ORAL ADMINISTRATION OF PROTEINS AND POLYPEPTIDES	Willi Paul Chandra Prakash sharma
120	201741019057	31/05/2017	358404	A POLYURETHANE ADHESIVE FOR MEDICAL DEVICES AND END USE APPLICATIONS	Muthu Jayabalan
119	930/CHE/2012	14/03/2012	357096	A METALIC STENT FOR USE AS SUPPORT IN BLOOD	Sujesh Sreedharan Muraleedharan Chirathody Vayalappil

PATENTS(INDIA) GRANTED (SEALED)

Sl.No	APPLICATION NUMBER	DATE OF FILING	PATENT NUMBER	TITLE OF INVENTION	INVENTORS
118	3799/CHE/2014	04/08/2014	355629	CERAMIC MOIETY MODIFIED MAGNETIC NANO PARTICLE- BIOMEDICAL APPLICATIONS IN CELL SEPARATION AND HYPERTHERMIA THERAPY.	Ansar Ereath Beeran Sekharapillai Vijayan, Parimanathu Kovilakom Rama Varma Hari Krishna Varma
117	397/CHE/2015	28/01/2015	354417	AN AGENT FOR THE REMOVAL OF DENTAL CARIES AND A PROCESS FOR THE PREPARATION THEROF.	Kalliyanakrishnan Venkateswaran. Lizymol Philipose Pampadykandathil. George Kuriakose
116	1362/CHE/2012	04/04/2012	354385	A VASCULAR GRAFT SEALED WITH BIODEGRADABLE HYDROGEL AND PASSIVATED WITH A FLUROPOLYMER COATING	Roy Joseph, Chirathodi Vaylappil Muraleedharan
115	201741019056	31/05/2017	354333	A POLYURETHANE POTTING COMPOUND FOR MEDICAL DEVICES AND END USE APPLICATIONS	Muthu Jayabalan
114	19/CHE/2014	03/01/2014	353231	A BATTERY OPERATED HAND HELD PORTABLE BLOOD OR CONDUCTING FLUID FLOW MEASURING DEVICE EXHIBITING HIGH SENSITIVITY, ZERO WARM UP TIME, MINIMUM SIGNAL DRIFT, LOWER HEAT DISSIPATION AND POWER LOSSES	Sarath sasideharan Nair Nagesh Divakara Panickar Sulochana
113	80/CHE/2012	09/01/2012	352720	PREPARATION OF IRON OXIDE NANOPARTICLES WITH HIGH TRANSVERSE RELAXIVITY AND SATURATION MAGNETIZATION FOR IMAGING APPLICATIONS	Jayasree Ramapurath Sarojini Amma Harikrishna Varma Parimanathu Kovilakom Rama Varma,
112	5442/CHE/2015	12/10/2015	351401	COMPOSITIONS OF CATIONIC SOLID LIPID NANOPARTICLES AND CATIONIC POLYLACTIC GLYCOLIC ACID NANOPARTICLES FOR TARGETTING OF DRUGS TO INFECTIOUS OR CANCER CELLS IN COLON AND PROCESS THEREOF	Willi Paul Chandra Prakash Sharma
111	2770/CHE/2010	01/02/2010	349509	INJECTABLE AND FAST SETTING BIODEGRADABLE POLYETHER BONE CEMENT FOR HEALING OF BONE DISEASE AND FRACTURE	Muthu Jayabalan

PATENTS(INDIA) GRANTED (SEALED)

Sl.No	APPLICATION NUMBER	DATE OF FILING	PATENT NUMBER	TITLE OF INVENTION	INVENTORS
110	986/CHE/2012	19/03/2012	348165	RESERVOIR FOR EVALUATING OPERATIONAL PERFORMANCE OF CARDIOPULMONARY DEVICES	Nagesh Divakara Panickar Sulochana Vinod Kumar Viswanathan Pillai Arun Babu
109	4996/CHE/2014	07/10/2014	345160	A VISIBLE LIGHT CURE DENTAL RESTORATIVE COMPOSITE	Lizymol Philipose Pampadykandathil , Vibha Chandrababu
108	5169/CHE/2013	14/11/2013	341427	SURFACE MODIFIED MATERIAL AS NON REFLECTING AND INERT SUBSTRATUM FOR MICROSCOPIC IMAGING AND SPECTRAL STUDIES OF BIOLOGICAL AND NON BIOLOGICAL SAMPLES	Samavedam Sandhyamani Santhosh Kumar Bhaskara Pillai
107	5009/CHE/2013	06/11/2013	340078	A PROCESS FOR THE MANUFACTURE OF NANOPOROUS BIOCERAMIC BODIES FOR BONE IMPLANTATION, DRUG DELIVERY AND TISSUE ENGINEERING APPLICATIONS	Parimanathu Kovilakom Rama Varma Hari Krishna Varma, Sekhara pillai Vijayan, Sivadasan Suresh Babu, Annie John Hariharan Venkat Easwer.
106	1567/CHE/2012	20/4/2012	329967	METHOD OF PREPARATION OF UREASE AND GOLD QUANTUM CLUSTER MEDIATED NANOBIOSENSOR FOR THE DETECTION OF BLOOD UREA AND THE PROCESS INVOLVED	Ramapurath Sarojini Amma Jayasree Ayyappanpillai Ajayaghosh Lakshmi Vijayan Nair
105	987/CHE/2012	19/03/2012	328634	A BONE FILLER CEMENT	Manoj Komath Parimanathu Kovilakom Rama Varma Hari Krishna Varma,
104	115/CHE/2012	11/01/2012	328571	RAPID ANTIBIOTIC SENSITIVITY TEST KIT FOR URINARY TRACT INFECTION(UTI)	Akhandanandan Maya Nandkumar Pradeepkumar Soman Pillai Sarojini Amma
103	149/CHE/2012	13/01/2012	328102	INHERENTLY RADIOPAQUE AND NON-TOXIC POLYURETHANE COMPOSITION	Roy Joseph, Kiran Sukumaran
102	2241/CHE/2008	15/09/2008	324477	BIODEGRADABLE BIOSYNTHETIC SCAFFOLD MATERIALS FOR CARDIAC TISSUE ENGINEERING	Muthu Jayabalan

PATENTS(INDIA) GRANTED (SEALED)

Sl.No	APPLICATION NUMBER	DATE OF FILING	PATENT NUMBER	TITLE OF INVENTION	INVENTORS
101	4470/CHE/2011	20/12/2011	324213	POLYURETHINE ELASTOMER WITH ADAPTABLE SURFACE PROPERTIES	Muthu Jayabalan, S.Dawlee
100	1514/CHE/2012	16/4/2012	320086	A PROCESS FOR THE PREPARATION OF LOW DIMENSIONAL CALCIUM SULPHATE CRYSTALS	Manoj Komath, Sureshbabu Sivadasan. Parimanathu Kovilakom Rama Varma Hari Krishna Varma
99	1028/CHE/2012	21/03/2012	314849	A METHOD FOR EVALUATING PYROGENICITY IN VITRO AND A KIT THERE FOR	Parayanthala Valappil Mohanan Siddarth Banerjee Muraleedharan Chirathody Vayalappil Lissy Kalliyana Krishnan Gobichettipalayam Subbratnam Bhuvaneshwar
98	813/CHE/2012	05/03/2012	314010	WATER ACTIVATABLE POLYURETHANE SYSTEM CONTAINING MICRO-ENCAPSULATED CATALYST FOR ORTHOPEDIC CASTING TAPE	Muthu Jayabalan
97	2113/CHE/2008	29/08/2008	293780	A PROCESS FOR NON-DETERGENT BASED DE-CELLULARISATION OF ANIMAL TISSUES FOR THERAPEUTIC HUMAN IMPLANTATION	Payanam Ramachandra Umashankar Anoopkumar Thekkuveetil
96	978/CHE/2006	07/06/2006	280492	HAEMOCONCENTRATOR	Divakara panicker Sulochana Nagesh,, Gobichettipalayam Subbratnam Bhuvaneshwar, Vinod Kumar Viswanathan Pillai Harikrishnan Vijayakumar
95	495/CHE/2006	20/03/2006	279618	A PROCESS FOR THE PREPARATION OF BIOACTIVE BILAYER CERAMIC STRUCTURE FOR BURR HOLE BUTTONS	Parimanathu Kovilakom Rama Varma Hari Krishna Varma, Sekhara pillai Vijayan, Hariharan Venkat Easwer, Robindra Narayan Bhattacharya
94	212/MUM/2010 (TATA MEMORIAL/SCTIM ST)	27/01/2010	272769	METHOD FOR IN-VIVO BINDING OF CHROMATIN FRAGMENTS	Indranceel Mitra, Sharma Chandra Prakash, Mannemcherril Ramesan Rekha, Gopichettipalayam Subbratnam Bhuvaneshwar, Kavita Anirban Pal

PATENTS(INDIA) GRANTED (SEALED)

Sl.No	APPLICATION NUMBER	DATE OF FILING	PATENT NUMBER	TITLE OF INVENTION	INVENTORS
93	2499/DEL/2005 (CSIR/SCTIMST)	15/09/2005	264709	pH SENSITIVE NANO PARTICLE FORMULATION FOR ORAL DELIVERY OF PROTEIN/PEPTIDES	Chandra Prakash Sharma, Mannemcherril Ramesan Rekha
92	130/MAS/2000	21/02/2000	253557	A METHOD OF OBTAINING BIOMATERIALS COATED IN FIBRIN ADHESIVE.	Lissy Kalliyana Krishnan
91	989/MAS/2001	07/12/2001	246500	BIOCERAMIC MICROSPHERES, MICROSTRUCTURED MICROSPHERES AND A PROCESS FOR THE PREPARATION THEREOF	Parameswaran Ramesh, Harikrishna Varma Parimanathu Kovilakom Rama Varma, Mundan Kurien Chummar Sunny, Sivadasan Suresh Babu
90	816/CHE/2003	09/10/2003	241610	PROCESS FOR CHEMICAL MODIFICATION OF CELL CULTURE SUBSTRATE	Kunnatheery Srinivasan Kumary Thrikkovil Variath
89	847/CHE/2005	04/07/2005	235249	A BIOPOLYMER MATRIX	Jayakrishnan Athipettah
88	848/CHE/2005	04/07/2005	234760	THE GRAFT COPOLYMER FOR THE ENCAPSULATION AND IMMUNOISOLATION OF LIVING CELLS	Prabha Damodaran Nair
87	47/MAS/2002	21/01/2002	230740	A PROCESS FOR THE PREPARATION OF A BIOCOMPATIBLE POLYMERIC COMPOSITION OF AN INTER-PENETRATING POLYMERIC NETWORK(IPN)	Prabha Damodaran Nair
86	34/MAS/2002	16/01/2002	229649	A PROCESS FOR THE PREPARATION OF ORAL INSULIN MICROCAPSULES	Chandra Prakash Sharma
85	306/MAS/2000	24/04/2000	229318	AN APATITIC BONE CEMENT COMPOSITE WITH BIOACTIVE GLASS	Manoj Komath Harikrishna Varma Parimanathu Kovilakom Rama Varma

PATENTS(INDIA) GRANTED (SEALED)

Sl.No	APPLICATION NUMBER	DATE OF FILING	PATENT NUMBER	TITLE OF INVENTION	INVENTORS
84	782/CHE/2004	06/08/2004	229316	A BLOOD PUMP	Nagesh Divakara Panickar Sulochana Vinod Kumar Viswanathan Pillai
83	1115/MAS/2000	22/12/2000	229135	A PROCESS FOR THE PREPARATION OF DRUG ENCAPSULATED MICROSPHERES	Leister Rowsen Moses Chandra Prakash Sharma
82	433/MAS/2002	07/06/2002	223536	A CROSSLINKABLE AND NON-AROMATIC POLYURETHANE POTTING COMPOUND	Muthu Jayabalan Pampadykandathil Philip Lizymol
81	185/MAS/2002 (DIV.Appl.of 2697/MAS/1998)	18/03/2002	223121	ANTI-SNAKE VENOM IMMUNOGLORULINS OBTAINED FROM CHICKEN EGG-YOLK	Lissy Kalliyana Krishnan Mary Vasantha Bai
80	224/MAS/1999	24/02/1999	222703	A PROCESS FOR THE PREPERATION OF IMMUNO ADSORBENT MATRIX BASED ON MODIFIED POLYVINYL ALCOHOL MICROSPHERES	Peringatullil Raman Hari, Chandra Prakash Sharma, Willi Paul
79	805/CHE/2003	06/10/2003	222314	AN OSTEOCONDUCTIVE COMPOSITE MATERIAL	Parameswaran Ramesh Parimanathu Kovilakom Rama Varma Hari Krishna Varma
78	443/CHE/2003	02/06/2003	221689	A SINGLE SOLUTION BONDING AGENT (SSBA) AND A PROCESS FOR THE PREPARATION THEREOF	Venkateswaran Kalliyankrishnan Pampadykandathi Philip Lizymol
77	483/CHE/2003	12/06/2003	219733	A MODIFIED CERAMIC RESIN FOR USE IN DENTAL APPLICATIONS AND A PROCESS FOR THE PREPARATION THEREOF	Pampady Kandathil Philip Lizymole, Venkateswaran Kalliyankrishnan
76	921/MAS/2002	11/12/2002	214429	ALGINATE DIALDEHYDE CROSSLINKED GELATIN AS AWOUND DRESSING MATERIAL	Jayakrishnan Athipettah

PATENTS(INDIA) GRANTED (SEALED)

Sl.No	APPLICATION NUMBER	DATE OF FILING	PATENT NUMBER	TITLE OF INVENTION	INVENTORS
75	391/MAS/2003	09/05/2003	214329	A MONOMER PYROMELLITIC DIANHYDRIDE GLYCEROL DIMETHACRYLATE (PMGDM)	Kalliyankrishnan Venkateswaran Pampadykandathil Philip Lizymol
74	1296/MAS/1997	16/06/1997	212859	A PROCESS FOR PREPARING MODIFIED BIOCOMPATIBLE SPONGE	Prabha Damodaran Nair Rajagopalan Sivakumar
73	1020/MAS/2001	21/12/2001	211919	A PROCESS FOR PRODUCING PLASTICIZED POLYVINYL CHLORIDE (PVC) HAVING IMPROVED RESISTANCE TO LEACH PLASTICIZER	Muthu Jayabalan Pampady Kandathil Philip Lizymol
72	215/MAS/1999	23/02/1999	210688	A PROCESS FOR THE PREPERATION OF IMMUNO ADSORBENT MATRIX FOR HAEMOPERFUSION	Peringatullil Raman Hari, Chandra Prakash Sharma, Willi Paul
71	175/MAS/2002	13/03/2002	210665	ALIPHATIC VIRTUALLY CROSSLINKED,BIOSTABLE POLYURETHANE UREA AND A PROCESS FOR THE PREPARATION THEREOF	Muthu Jayabalan
70	942/MAS/2001	21/11/2001	210652	A FIELD KIT FOR TESTING ANTIBIOTIC SENSITIVITY OF MASTITIC MILK	Payanam Ramachandra Umashankar Arthur Vijayan Lal
69	853/MAS/2002	18/11/2002	210639	A PROCESS FOR THE PREPARATION OF POLYURETHANE GRAFT COPOLYMERS	Prabha Damodaran Nair
68	772/MAS/2002	21/10/2002	210632	A RADIOPAQUE GLASS POWDER FOR USE IN DENTAL COMPOSITES	Harikrishna Varma Parimanathu Kovilakam Ramavarma Vinkiteswaran Kalliyankrishnan Pampadykandathil Philip Lizymol Babu Sivadasan Suresh
67	894/MAS/1998	24/04/1998	208317	A PROCESS FOR THE PREPARATION OF A URETHANE TETRAMETHACRYLATE RESIN MATRIX(UTMA)	Venkateshwara Kalliyankrishnan Pampadykandathil Philip Lizymol

PATENTS(INDIA) GRANTED (SEALED)

Sl.No	APPLICATION NUMBER	DATE OF FILING	PATENT NUMBER	TITLE OF INVENTION	INVENTORS
66	557/MAS/1999	13/05/1999	207547	A RESIN FOR USE IN A DENTINE BONDING AGENT	Venkateswaran Kalliyankrishnan Pampadykandathil Philip Lizymol
65	825/MAS/2002	11/11/2002	207533	A PROCESS FOR THE PREPARATION OF HEPARIN BONDED POLYOLEFIN	Leister Rowsen Moses
64	558/MAS/1999	13/05/1999	206791	A PROCESS FOR THE PREPARATION OF A PHOTOPOLYMERIZABLE DENTINE BONDING AGENT	Venkateswaran Kalliyankrishnan Pampadykandathil Philip Lizymol
63	203/MAS/2000	13/03/2000	206774	VENOUS RESERVOIR WITH INTEGRAL CARDIOTOMY RESERVOIR FOR BLOOD OXYGENATOR	Gobichettipalaym Subbratnam Bhuvaneshwar Muraleedharan Chirathody Vayalappil Divakara panicker Sulochana Nagesh Vijayakumar Harikrishnan
62	1153/MAS/1999	29/11/1999	206761	A BLOOD OXYGENATOR	Gobichettipalayam Subbratnam Bhuvaneshwar Chirathody Vayalappil Muraleedharan Divakara panicker Sulochana Nagesh Harikrishnan Vijayakumar
61	2099/MAS/1996	26/11/1996	198863	A PROCESS FOR THE PREPARATION OF A BIOCOMPATIBLE SPONGE	Prabha Damodaran Nair Rajagopalan Sivakumar
60	281/MAS/1997	12/02/1997	198257	A PROCESS FOR PREPARING RUBBER ARTICLES OF LOW FRICTION COEFFICIENT	Roy Joseph Parameswaran Ramesh, Rajagopalan Sivakumar
59	1076/MAS/1995	23/08/1995	193233	A PROCESS FOR TREATING PLASTICIZED POLYVINYL CHLORIDE (PPVC) FOR RETARDING THE MIGRATION OF THE PLASTICIZER	Peringatullil Raman Hari, Chandra Prakash Sharma

PATENTS(INDIA) GRANTED (SEALED)

Sl.No	APPLICATION NUMBER	DATE OF FILING	PATENT NUMBER	TITLE OF INVENTION	INVENTORS
58	1615/MAS/1997	21/07/1997	193196	A PROCESS FOR THE PREPARATION OF BIS-GMA	Satyendra Nath Pal Venkateswaran Kalliyankrishnan Roy Joseph
57	1075/MAS/1995	23/08/1995	192920	A PROCESS FOR TREATING PLASTICIZED POLYVINYL CHLORIDE	Peringatullil Raman Hari, Chandra Prakash Sharma
56	173/MAS/2000	03/03/2000	192629	PREPERATION OF A COMPOSITE BIO-CERAMIC MATERIALFOR BIO-MEDICAL APPLICATION	Harikrishna Varma Parimanathu Kovilakam Ramavarma. Suresh Babu Sivadasan
55	335/MAS/2000	04/05/2000	191945	A PROCESS FOR THE PREPERATION OF HEPARIN IMMOBIISED PERICARDIUM	CHANDRA PRAKASH SHARMA, LEISTER ROWSEN MOSES
54	199/MAS/2000	28/03/2000	191944	A PROCESS OF PREPERATION OF A POLY ETHYLENE GLYCOL MODIFIED PERICARDIUM	Chandra Prakash Sharma
53	483/MAS/2000	26/06/2000	191730	A METHOD FOR PRODUCING A CROSSLINKABLE NON-AROMATIC POLYURETHANE POTTING COMPOUND	Muthu Jayabalan, Pampadikandathil Philip Lizy Mol
52	1586/MAS/1996	11/09/1996	191410	A PROCESS FOR THE PREPERATION OF POLYVINYL ALCOHOL ALGINATE COMPOSITE MATRIX	Kunnatheery Sreenivasan, Kothanda Raman Rethinam, Rajagopalan Sivakumar
51	2697/MAS/1998	30/11/1998	190889	PROCESS FOR THE PREPERATION OF ANTISNAKE VENOM ANTIBODIES	Lissy Kalliyankrishnan, Mary Vasantha Bai
50	668/MAS/1995	06/06/1995	190106	A PROCESS FOR THE SYNTHESIS OF MOLECULARLY IMPRINTED VINYL POLYMER BY GAMMA IRRADIATION AS SELECTIVE ADSORBENT AND SENSOR COMPONENT	Kunnatheery Sreenivasan

PATENTS(INDIA) GRANTED (SEALED)

Sl.No	APPLICATION NUMBER	DATE OF FILING	PATENT NUMBER	TITLE OF INVENTION	INVENTORS
49	316/MAS/1995	16/03/1995	189911	A PROCESS FOR PREPARING A PREPOLYMER ADHESIVE	Muthu Jayabalan Pampady Kandathil Philip Lizymol
48	709/MAS/1995	13/06/1995	189597	MIGRATION RESISTANT PLASTICIZED POLY (VINYL CHLORIDE) (PVC)	Athipettah Jayakrishnan
47	137/MAS/1995	06/02/1995	188511	AN AIR VENTILATOR ALARM FOR A VENTILATOR OR ARTIFICIAL RESPIRATORY SYSTEM	Koruthu Puthenparampil Varughese
46	2862/MAS/1998	24/12/1998	188421	PROCESS FOR THE PREPERATION OF HAEMOSTATIC FIBRIN SHEET FOR WOUND CARE APPLICATION	.Lissy Kalliyankrishnan, Arthur Vijayan Lal, Rajagopalan Sivakumar
45	224/MAS/1995	24/02/1995	187879	A PROCESS FOR COATING A SILVER COMPOUND	Leister Rowsen Moses, Kunnatheri Sreenivasan, Rajagopalan Sivakumar
44	1206/MAS/1995	18/09/1995	187856	A PROCESS OF PREPERATION OF STEROID LOADED CHITOSAN BEADS	Thomas Chandi, Chandra Prakash Sharma
43	1106/MAS/1995	30/08/1995	187831	A PROCESS OF PREPERATION OF ALGINATE BEADS FOR ORAL DELIVERY OF PREPERATION S SUCH AS INSULIN AND ALBUMIN	Chandra Prakash Sharma P.R.Hari Thomas Chandi
42	21/MAS/1995	09/01/1995	187792	A URINARY TRACT GUARD FOR THE CONTROL OF BACTERIA	Leister Rowsen Moses Kunnatheri Sreenivasan Rajagopalan Sivakumar
41	448/MAS/1998	05/03/1998	187640	A PROCESS OF PREPERATION OF CALCIUM CALSENETATE CONTAINING DRUG	Athipettah Jayakrishnan

PATENTS(INDIA) GRANTED (SEALED)

Sl.No	APPLICATION NUMBER	DATE OF FILING	PATENT NUMBER	TITLE OF INVENTION	INVENTORS
40	365/MAS/1998	24/02/1998	187639	A PROCESS FOR THE PREPARATION OF FIBRIN GLUE FROM DONOR PLASMA UNITS	Lizzy Kalliyankrishnan
39	267/MAS/1994	06/04/1994	184338	DOUBLE UMBRELLA OCCLUDER DEVICE FOR CARDIOVASCULAR APPLICATION	Athipettah Jayakrishnan
38	1679/MAS/1997	25/07/1997	184326	A PROCESS FOR THE PREPARATION OF A FORMULATION BASED ON NARROW SPECTRUM DRUGS WITH ENHANCED ACTIVITY	Kothanda Raman Rethinam, Ashokan Kuttyil, Kunnatheri Sreenivasan
37	616/MAS/1994	11/07/1994	184323	A BLOOD FILTER	Sathyendranath Pal
36	571/MAS/1997	19/03/1997	184180	A PROCESS FOR THE PREPARATION OF CROSS-LINKED POLYMERS CONTAINING RELATIVELY UNSTABLE DRUG	Kothanda Raman Rethinam, Ashokan Kuttyil, Kunnatheri Sreenivasan
35	197/MAS/1994	21/03/1994	184062	A PROCESS FOR THE PREPARATION OF A TWO COMPONENT PASTE/ LIQUID SYSTEM FOR DENTAL APPLICATIONS	Sathyendra Nath Pal, Venkateswaran Kalliyankrishnan, Kochu Raghavan Usha, Sukumaran Manu
34	1618/MAS/1995	08/09/1995	183743	A PROCESS FOR GRAFTING POLYETHYLENE GLYCOL ONTO THE SURFACE OF PLASTICIZED POLY (VINYL) CHLORIDE	Athipettah Jayakrishnan, Lekshmi Sreedharan Nair
33	530/MAS/1993	02/08/1993	182889	A METHOD FOR SURFACE PROCESSING OF POLYSTYRENE PLASTICWARES	Muthu Jayapalan, Chandraprakash Sharma, M.Ravindra Nath
32	40/MAS/1994	24/01/1994	182366	METHOD FOR PREPARATION OF BIO- STABLE AND TISSUE COMPATIBLE POLY URETHRENE	Muthu Jayabalan

PATENTS(INDIA) GRANTED (SEALED)

Sl.No	APPLICATION NUMBER	DATE OF FILING	PATENT NUMBER	TITLE OF INVENTION	INVENTORS
31	718/MAS/1991	23/09/1991	182221	A PROCESS FOR THE PREPARATION OF HYDROGEL BEEDS FROM CROSS LINKED POLY METHYL ACRILATE	Athipettah Jayakrishnan, Bhagathy Kan Chidimbara Thanoo
30	336/MAS/1995	21/03/1995	181854	A PROCESS FOR THE PREPARATION OF CALCIUM CASEINATE BEADS CONTAINING ANY ORAL DRUG	Athipettah Jayakrishnan
29	22/MAS/1995	09/01/1995	181851	A PROCESS FOR THE PREPARATION OF CALF SERUM FOR TISSUE CULTURE FROM CALF BLOOD	Lizzy Kalliyankrishnan, Arthur Vijayan Lal George
28	1117/MAS/1994	15/11/1994	181625	A PROCESS FOR THE PREPARATION OF HYDROXYAPATITE POWDERS FOR APPLICATIONS SUCH AS IN BIOCERAMICS	Harikrishna Varma Parimanathu Kovilakom Ramavarma, Rajagopalan Sivakumar
27	1126/MAS/1994	17/11/1994	181366	A PROCESS FOR PRODUCING SILVER COMPOUND INCORPORATED SILICONE RUBBER	Leister Rowsen Moses, Kunnathery Sreenivasan, Rajagopalan Shivakumar
26	279/MAS/1993	26/04/1993	181364	A PROCESS FOR THE PREPARATION OF A VISIBLE LIGHT CURED COMPOSITE FOR DENTAL RESTORATIVE PURPOSES	Sathyendranath Pal, Venkateswaran Kalliyankrishnan, Roy Joseph
25	1118/MAS/1994	15/11/1994	181310	A PROCESS FOR THE PREPARATION OF β -TRICALCIUM PHOSPHATE (BTCP) POWDER	Harikrishna Varmaparimanathu Kovilakom Ramavarma, Rajagopalan Sivakumar
24	311/MAS/1995	15/03/1995	181210	A PROCESS FOR PREPARING AN IMPROVED DENTAL PASTE FOR USE IN THE PREPARATION OF FILLING CEMENT FOR INSTANT APPLICATION	Sathyendra Nath Pal, Venkateswaran Kalliyankrishnan, Ashima Vallyathan, Manikandan Savithri Amma Sheela, Krishna Thamarai Selvi

PATENTS(INDIA) GRANTED (SEALED)

Sl.No	APPLICATION NUMBER	DATE OF FILING	PATENT NUMBER	TITLE OF INVENTION	INVENTORS
23	329/MAS/1992	28/08/1992	180653	IMPROVEMENT IN OR RELATING TO PROSTHETIC CARDIAC VALVE AND TO THE METHOD OF MANUFACTURING SAME	Gopichettipalayam Subbaratnam Bhuvaneshwar, Chirathodil Vayalappil Muraleedharan, Omana Amma Sreedharan Nair Neelakantan Nair
22	774/MAS/1991	18/05/1993	180414	PROCESS FOR THE PREPARATION OF AN IMPROVED DENTAL PASTE	Sathyendra Nath Pal, Venkateswaran Kalliyankrishnan, Ashima Valyathan, Sheeja Manikandan Savithri Amma, Krishna Thamara Selvi
21	752/MAS/1991	08/01/1993	180411	MEDIA STINAL DRAINAGE DEVICE	Harikrishnan Vijayakumar, Balakrishnan Ajithkumar, Shekara Pillai Vijayan, Chandra Vilasam Parameswaran Narayanan Nair
20	751/MAS/1991	08/01/1993	180298	EPIDURAL SENSOR FOR USE IN INTRA CRANIAL PRESSURE MONITORING SYSTEM	Gopichettipalayam Subaretnam Bhuvaneshwar, Muraleedharan Chirathody Vylappil
19	715/MAS/1991	23/09/1991	180294	IMPROVED HUMIDIFIER OR AIR/OXYGEN OR OTHER GASES	Gopichettipalayam Subbaretnam Bhuvaneshwar, Muraleedharan Chirathodil vyalappil, Radhakrishnapillai Sreekumar, Leister Rowsen Moses
18	924/DEL/1990	18/09/1990	180185	A HYDROCEPHALUS SHUNT VALVE	Gopichettipalayam Subbaretnam Bhuvaneshwar, Sathyendra Nath Pal, Muraleedharan Chirathodil Vyalappil, M. Muraleedharan
17	656/MAS/1991	02/09/1991	179881	PROCESS FOR THE PREPRATION OF HEMODIALISIS MEMBERANE	Chandra Prakash Sharma Willi Paul
16	1125/MAS/1994	17/11/1994	179825	A PROCESS FOR THE PREPRATION OF SILVEROXIDE INCORPORATED ANTIMICROBIAL POLYMER	Kunnatheri Sreenivasan, Leister Rowsen Moses, Rajagopalan Sivakumar
15	669/MAS/1991	6/09/1991	179613	A PROCESS FOR THE PREPERATION OF POLYMERIC MEMBRANES	Thomas Chandhi, Chandra Prakash Sharma

PATENTS(INDIA) GRANTED (SEALED)

Sl.No	APPLICATION NUMBER	DATE OF FILING	PATENT NUMBER	TITLE OF INVENTION	INVENTORS
14	717/MAS/1991	23/09/1991	179451	A PROCESS FOR THE PREPERATION OF UNCROSS LINKED AND CROSS LINKED PMMA MICROSPHERES	Athi Pettah Jayakrishnan, Bhagavathy Kan Chidambara Thanoo
13	531/MAS/1993	02/08/1993	178049	A PROCESS FOR THE PREPRATION OF BIOCOMBATIBLE HYDROXY APATITE	Willi Paul, Chandra Prakash Sharma, Rajagopalan Shiva Kumar
12	930/MAS/1990	20/11/1990	178044	A PROCESS FOR PRODUCING IMPROVED MIGRATION RESISTANT PLASTICIZED POLYVINYL CHLORIDE	Venkateswaran Kalliyankrishnan, Athipettah Jayakrishnan, Joseph.D.Francis
11	531/MAS/1990	02/07/1990	177753	A PROCESS FOR THE MANUFACTURE OF SPHERICAL HIGHLY PORUS BEEDS OF POLYMERS	Athipettah Jayakrishnan, Bhagavathy Kan Chidambara Thanoo
10	50/MAS/1993	28/01/1993	175079	PROCESS FOR PREPAIRING IMPROVED BONE WAX	Satyendra Nath Pal, Cheruvila Velu Achari Muraleedharan
9	578/MAS/1991	31/07/1991	174130	A PROCESS FOR THE PREPRATION OF ANI ALPHA- GEL FROM OUTDATED HUMEN PLASMA	Padinjaredathu Sankunni Appukuttan, Paliakkara Lona Jaison
8	3/MAS/1990	02/04/1991	174077	RIGID SHELL BUBBLE TYPE BLOOD OXYGENATOR	Balakrishnan Nair Ajith Kumar, Divakara Panicker Sulochana Nagesh, Omana Amma Sreedharan Nair Neelakandan Nair Aswath Narayanan Venkata Remani, Ranjith Divakaran, Harikrishnan Vijayakumar
7	915/MAS/1988	19/03/1990	171685	IMPROVED RIGIDSHELL CARDIOTOMY RESERVOIR	Balakrishnan Nair Ajithkumar, Divakara Panicker Sulochana Nagesh, Omana Amma Sreedharan Nair Neelakandan Nair, Aswath Narayanan Venketa Remani, Divakaran Renjith, Harikrishnan Vijayakumar

PATENTS(INDIA) GRANTED (SEALED)

Sl.No	APPLICATION NUMBER	DATE OF FILING	PATENT NUMBER	TITLE OF INVENTION	INVENTORS
6	671/MAS/1986	21/08/1986	167706	AN IMPROVED HEART VALVE ASSEMBLY	Gopichettipalayam Subbaretnam Bhuvaneshwar
5	607/MAS/1985	06/08/1985	165269	BLOOD OXYGENATOR INTEGRAL WITH CARDIOTOMY RESERVOIR	Venkateswara Subrahmanya Venkatesan
4	606/MAS/1985	06/08/1985	165268	SOFT SHELL BLOOD OXYGENATOR MADE OF SYNTHETIC MATERIAL	Venkateswaran Subramanya Venkatesan
3	165/MAS/1983	29/07/1983	160621	IMPROVEMENT IN/OR RELATING TO BLOOD STORAGE CONTAINERS OR BAG	Satheyandra Nath Pal
2	46/MAS/1984	31/01/1984	159244	AN IMPROVED HEART VALVE ASSEMBLY	Gopichettipalayam Subbaretnam Bhuvaneshwar
1	171/MAS/1983	08/08/1983	158414	A CARDIOTOMY RESERVOIR FOR FILTRATION AND RECIRCULATION OF BLOOD	Venkateswaran Subramanya Venkatesan