



**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)**

**INDIAN PATENTS GRANTED**

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**PATENTS(INDIA) GRANTED (SEALED)**

<b>Sl.No</b>	<b>APPLICATION NUMBER</b>	<b>DATE OF FILING</b>	<b>PATENT NUMBER</b>	<b>TITLE OF INVENTION</b>	<b>INVENTORS</b>
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 Veluthetil 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 Kunnatheery 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

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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	T.S.Sampath kumar V.Yogeswar chakrapani Kumary Thrikkovil Variath

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125	4027/CHE/2014	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	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	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
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,Georg e Kuriakose

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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 sasidharan 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
110	986/CHE/2012	19/03/2012	348165	RESERVOIR FOR IN-VITRO EVALUATION 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

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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
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 KIT FOR THE EVALUATION OF PYROGENICITY AND A METHODOLOGY OF PREPARING THE SAME	Parayanthala Valappil Mohanan Siddarth Banerjee Muraleedharan Chirathody Vayalappil Lissy Kalliyana Krishnan Gobichettipalayam Subbratnam Bhuvaneshwar

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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 Thekkuveettil
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/SCTIMST)	27/01/2010	272769	METHOD FOR IN-VIVO BINDING OF CHROMATIN FRAGMENTS	Indraneel Mitra, Sharma Chandra Prakash, Mannemcherril Ramesan Rekha, Gopichettipalayam Subbratnam Bhuvaneshwar, Kavita Anirban Pal
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

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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
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 <b>(DIV.Appl.of 2697/MAS/1998)</b>	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



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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 Lizymol, Venkateswaran Kalliyankrishnan
76	921/MAS/2002	11/12/2002	214429	ALGINATE DIALDEHYDE CROSSLINKED GELATIN AS A WOUND DRESSING MATERIAL	Jayakrishnan Athipettah
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

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68	772/MAS/2002	21/10/2002	210632	A RADIOPAQUE GLASS POWDER FOR USE IN DENTAL COMPOSITES	Harikrishna Varma Parimanathu Kovilakam Ramavarma, Venkateswaran 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)	Venkateswaran Kalliyankrishnan, Pampadykandathil Philip Lizymol
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	Gobichettipalayam 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

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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
58	1615/MAS/1997	21/07/1997	193196	A PROCESS FOR THE PREPARATION OF BIS-GMA	Satyendra Nath Pal Venkateswaran Kalliyanakrishnan Roy Joseph
57	1075/MAS/1995	23/08/1995	192920	A PROCESS FOR TREATING PLASTICIZED POLYINYL 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 Kalliyanakrishnan, Mary Vasantha Bai
50	668/MAS/1995	06/06/1995	190106	A PROCESS FOR THE SYNTHESIS OF MOLECULARLY IMPRINTED VINYL POLYMER BY GAMMA IRADIATION AS SELECTIVE ADSORBENT AND SENSOR COMPONENT	Kunnatheery Sreenivasan

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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 Kalliyanakrishnan,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 CHOTOSEN BEEDS	Thomas Chandi, Chandra Prakash Sharma
43	1106/MAS/1995	30/08/1995	187831	A PROCESS OF PREPERATION OF ALIGNATE BEADS FOR ORAL DELIVERY OF PREPERATIONS 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 CALSENATE CONTAINING DRUG	Athipettah Jayakrishnan
40	365/MAS/1998	24/02/1998	187639	A PROCESS FOR THE PREPARATION OF FIBRIN GLUE FROM DONOR PLASMA UNITS	Lizzy Kalliyanakrishnan
39	267/MAS/1994	06/04/1994	184338	DOUBLE UMBRELLA OCCLUDER DEVICE FOR CARDIOVASCULAR APPLICATION	Athipettah Jayakrishnan

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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 PREPERATION OF BIO- STABLE AND TISSUE COMPATABLE POLY URETHRENE	Muthu Jayabalan
31	718/MAS/1991	23/09/1991	182221	A PROCESS FOR THE PREPERATION 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

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Sl.No	APPLICATION NUMBER	DATE OF FILING	PATENT NUMBER	TITLE OF INVENTION	INVENTORS
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 Kalliyanakrishnan, Roy Joseph
25	1118/MAS/1994	15/11/1994	181310	A PROCESS FOR THE PREPERATION OF $\beta$ -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 Kalliyanakrishnan, Ashima Valyathan, Manikandan Savithri Amma Sheela, Krishna Thamarai Selvi
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 Kalliyanakrishnan, Ashima Valyathan, Sheeja Manikandan Savithri Amma, Krishna Thamarai 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

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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 PREPERATION OF HEMODIALISIS MEMBERANE	Chandra Prakash Sharma Willi Paul
16	1125/MAS/1994	17/11/1994	179825	A PROCESS FOR THE PREPERATION 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 Chandi, Chandra Prakash Sharma
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 PREPERATION 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 Kalliyanakrishnan,Athip ettah Jayakrishnan, Joseph.D.Francis

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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
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



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1	171/MAS/1983	08/08/1983	158414	A CARDIOTOMY RESERVOIR FOR FILTRATION AND RECIRCULATION OF BLOOD	Venkateswaran Subramanya Venkatesan