

Karpagam Academy of Higher Education
(Deemed to be University Established under Section 3 of UGC Act, 1956)
Coimbatore – 641021

Details of Patents

Faculty of Arts, science and Humanities

S. No.	Title	Patent Filed	Name
1.	ISOLATING AND IDENTIFYING THE ACTIVE CONSTITUENT OF Plant-A, BEING A CONSTITUENT FOR THE TREATMENT OF PROSTATE CANCER	24th November 2011	Dr.V.K.Gopalakrishnan, Dr.D.Gurukumar, Karpagam Academy of Higher Education
2.	ISOLATING AND IDENTIFYING THE ACTIVE CONSTITUENT OF ETHANOLIC EXTRACT O F Plant-C, BEING A CONSTITUENT FOR THE TREATMENT OF CARDIAC NECROSIS	154/CHE/2013 Date of Filing: 10.01.2013	Dr.V.K.Gopalakrishnan, Mr.P.Ragavendran, Karpagam Academy of Higher Education
3.	ISOLATING AND IDENTIFYING THE ACTIVE CONSTITUENT OF ETHYL ACETATE LEAF EXTRACT OF Plant-D, BEING A CONSTITUENT FOR THE TREATMENT OF OVARIAN CANCER	2751/CHE/2014 Date of Filing: 05.06.2014	Dr.V.K.Gopalakrishnan, Dr.C.Arul Raj, Karpagam Academy of Higher Education
4.	ISOLATION AND CHARACTERIZATION OF ACTIVE CONSTITUENT FROM Plant-E BEING A COMPONENT FOR THE TREATMENT OF PROSTATE CANCER	2752/CHE/2014 Date of Filing: 05.06.2014	Dr.V.K.Gopalakrishnan, Mr.T.Starlin, Karpagam Academy of Higher Education
5.	ISOLATING AND IDENTIFYING THE ACTIVE CONSTITUENT OF ETHANOLIC EXTRACT OF Plant-F, BEING A CONSTITUENT FOR THE TREATMENT OF OVARIAN CANCER	2753/CHE/2014 Date of Filing: 05.06.2014	Dr.V.K.Gopalakrishnan, Mr.P.Chella Perumal, Karpagam Academy of Higher Education
6.	ISOLATING AND IDENTIFYING THE ACTIVE CONSTITUENT FROM THE ETHANOLIC LEAF EXTRACT OF Plant-G, BEING A CONSTITUENT FOR THE TREATMENT OF DIABETES	2754/CHE/2014 Date of Filing: 05.06.2014	Dr.K.Devaki, Dr.R.Narmadha, Karpagam Academy of Higher Education
7.	A PROCESS FOR ISOLATION AND IDENTIFICATION OF BIOACTIVE COMPOUND FROM <i>Streptomyces cavouresis</i> KUV39, BEING A CONSTITUENT FOR THE TREATMENT OF CERVICAL CANCER	2756/CHE/2014 Date of Filing: 05.06.2014	Dr. Rajeshwari sivaraj, Mr.S. Narendhran, Mr.P. Rajiv, Ms.P. Vanathi, Karpagam Academy of Higher Education
8.	PRODUCTION AND OPTIMIZATION OF DEXTRANASE FROM -X AND FORMULATION OF DEXTRANASE IN TOOTHPASTE FOR CONTROLLING THE HUMAN DENTAL PLAQUE	2758/CHE/2014 Date of Filing: 05.06.2014	Dr.M.Palaniswamy, Dr.G.Sathya, Karpagam Academy of Higher Education
9.	ANTIMICROBIAL PROTEIN FROM Plant-K SEEDS	2760/CHE/2014 Date of Filing: 05.06.2014	Dr.B.Chitra Devi, Dr. Sarmad Moin, Karpagam Academy of Higher Education

10.	METHANOL EXTRACTS SOLUTION AND HERBAL MIXTURE OF SELECTED INDIAN MEDICINAL PLANTS FOR TREATMENT OF Pharyngitis CAUSED	2761/CHE/2014 Date of Filing: 05.06.2014	Dr. D. Teepica Priya Darsini, P. Srinivasan, K. Manimekalai , J. Dineshababu , Karpagam Academy of Higher Education
11.	A NOVEL EXTRACT FROM Plant-M WITH ANTI TUMOR ACTIVITY	3045/CHE/2014 Date of Filing: 24.06.2014	Dr. S.Ravi , Alarmal Mangai. S, Karpagam Academy of Higher Education
12.	PROCESS FOR ISOLATION OF HERACLLENIN FROM <i>Plant-L</i>	3046/CHE/2014 Date of Filing: 24.06.2014	Dr. S.Ravi , Karpagam Academy of Higher Education
13.	A PROCESS FOR ISOLATION AND CHARACTERIZATION OF PRODIGIOSIN FROM <i>Serratia marcescens</i> MBB02 ON SELECTIVE MEDIA	3047/CHE/2014 Date of Filing: 24.06.2014	Dr.M.Palaniswamy, Dr.B.V.Pradeep, Karpagam Academy of Higher Education
14.	PREPARATION AND CHARACTERIZATION OF Fe-Co-Zn TRIMETAL OXIDE NANOCOMPOSITES AND THEIR ANTIBACTERIAL ACITVITY AND USED AS ADSORBENT FOR REMEDIATION OF METALS IN THE TEXTILE WASTE WATER	3358/CHE/2014 Date of Filing: 08.07.2014	Dr.T.Santhi Mrs.M.Makeswari Dr.M.Palaniswamy Karpagam Academy of Higher Education
15.	ISOLATION AND CHARACTERIZATION OF ACTIVE CONSTITUENT FROM Plant-N BEING A COMPONENT FOR THE TREATMENT OF EPILEPSY	3359/CHE/2014 Date of Filing: 08.07.2014	Dr.V.K.Gopalakrishnan Mrs. R.Caroline Nirmala Karpagam Academy of Higher Education
16.	ISOLATION OF AN ACTIVE PRINCIPLE FROM <i>Moringa oleifera</i> (Lam.) root FOR THE TREATMENT OF EPILEPSY	413 /CHE/2015 Date of Filing: 29.01.2015	Dr.J.Anitha Dr.S.Ravi Karpagam Academy of Higher Education
17.	"A PROCESS FOR ISOLATION AND CHARACTERIZATION OF ANGIOTENSIN CONVERTING ENZYME (ACE) INHIBITOR FROM COW MILK YOGHURT USING <i>Lactobacillus fermentum</i> LAB4 AND <i>Lactobacillus paracasei</i> LAB6 FOR CONTROLLING BLOOD PRESSURE"	414 /CHE/2015 Date of Filing: 29.01.2015	Dr.M.Palaniswamy Dr.B.V.Praveesh Karpagam Academy of Higher Education
18.	DEVELOPMENT OF ACTINOMYCETE ANTIBIOTIC BASED WOUND CARE TEXTILE PRODUCT	793 /CHE/2015 Date of Filing: 19.02.2015	Dr.R.Usha Dr.M.Palaniswamy Karpagam Academy of Higher Education
19.	Rapid Detection Method And Kit For Sugarcane Streak Mosaic Virus (Scsmv)	1935 /CHE/2015 Date of Filing: 15.04.2015	Dr. G. R. Prabhu, Karpagam Academy of Higher Education
20.	ISOLATION AND CHARACTERIZATION OF B-GALACTOSIDASE FROM A FUNGAL SOURCE OF <i>ASPERGILLUS TERREUS</i>	4614/CHE/2015 Date of Filing: 01.09.2015	Dr.V.K.Gopalakrishnan Ms.B.Vidya Dr.M.Palaniswamy Karpagam Academy of Higher Education

21.	A PROCESS FOR ISOLATING AND IDENTIFYING THE ACTIVE CONSTITUENT OF ROOT EXTRACT CASEARIA ESCULENTA (ROXB.), BEING A CONSTITUENT FOR THE TREATMENT OF DIABETES MELLITUS	4615/CHE/2015 Date of Filing: 01.09.2015	Karpagam Academy of Higher Education Dr.T.Subburaj Dr.V.K.Gopalakrishnan
22.	FLAVANOID, GLYCOSIDE FOR PLATELET AGGREGATION INHIBITORY AND THERMOBOLITIC AGENT FROM CITRUS LIMON (L.) OSBECK	4616/CHE/2015 Date of Filing: 01.09.2015	Dr.G.R.Prabu Mr.N.S.Kameshwaran Mr.A.Rajesh Karpagam Academy of Higher Education
23.	Isolation and Structural Characterization of The Bioactive Compound from Ethanolic Extract of Cayratia trifolia (L.), being a constituent for the treatment of ovarian cancer	201641012571 Date of Filing: 11.04.2016	Dr.V.K.Gopalakrishnan Dr.P.Chella Perumal Ms. S. Sowmya Ms.P.Anusooriya Ms. D. Malarvizhi Karpagam Academy of Higher Education
24.	Isolation and Structural Characterization of Bioactive Compound From Ethyl acetate Extract of Alpinia purpurata being a constituent for the treatment of prostate cancer	201641012572 Date of Filing: 11.04.2016	Dr.V.K.Gopalakrishnan Ms.P.Anusooriya Dr.P.Chella Perumal Dr.C.Arul raj Ms. D. Malarvizhi Ms.B.Vidya Karpagam Academy of Higher Education
25.	Mosquito Repellent From Resurrection Plants	201641012573 Date of Filing: 11.04.2016	Dr.Nalini Padmanabhan Dr.A.Sanglimuthu Mr.V.Edwin Hillary Ms.M.Aruna Ms.J.Aneesha Karpagam Academy of Higher Education
26.	Generic Intelligent DNA/mRNA Pattern Searching and Global Alignment in Proteins	20161012574 Date of Filing: 11.04.2016	Dr.B.Mukunthan Karpagam Academy of Higher Education
27.	Isolation of a bioactive component from <i>Citrus grandis</i> (L.) leaves for the treatment of epilepsy	201741015593 Date of Filing: 05.03.2017	Dr. J. Anitha Dr. A. Sangilimuthu Dr. S. Ravi Karpagam Academy of Higher Education
28.	Development of phytochemical loaded in situ cross linking polyethylene glycol based temporary dental filling material	201741015594 Date of Filing: 05.03.2017	Dr. R. Usha Dr. C. Smitha Karpagam Academy of Higher Education
29.	A process for rapid biodegradation of polyethylene by <i>Streptomyces</i> sp isolated from garbage soil	201741015595 Date of Filing: 05.03.2017	Dr. R. Usha Mr. Naveen Mohan Karpagam Academy of Higher Education

30.	Isolation and characterization of antidiabetic compound from ethanolic extract of <i>Macrotyloma uniflorum</i> leaves	201741017416 Date of Filing: 18.05.2017	Ms. S. Priyanga Dr. K. Devaki Dr. S. Ravi Karpagam Academy of Higher Education
31.	Development of herbal plant enriched Artemia as dietary supplement for enhancing growth, hematopoiesis and immunity in carps	201741017417 Date of Filing: 18.05.2017	Mr. P. Srinivasan Dr. M. Rajalakshmi Dr. M. Palaniswamy Karpagam Academy of Higher Education
32.	Development of 4-butyl-5-(isopropoxymethyl)-2-methylmorpholine from <i>Aspergillus terreus</i> kmbf1501 as antifungal drug against <i>Candida albicans</i>	201741017418 Date of Filing: 18.05.2017	Ms. P. Akilandeswari Dr. B.V. Pradeep Karpagam Academy of Higher Education
33.	A novel Triscoumarin compound I Heratrifuranocoumarin obtained from seeds of <i>H. candolleianum</i> with cytotoxic activity	201741033645 Date of Filing: 22.09.2017	Dr. S. Ravi Karpagam Academy of Higher Education
34.	Novel anticancer Tropinone derivatives and process for preparation thereof	201741033646 Date of Filing: 22.09.2017	Mr. R. Parthiban Dr. A. Thangamani Dr. S. Ravi Karpagam Academy of Higher Education
35.	A NOVEL DESIGN AND WORKING OF SPIN COATING UNIT FOR THIN FILM DEPOSITION	201741037867 Date of Filing: 16.10.2017	Dr. B. Janarthanan Karpagam Academy of Higher Education
36.	Large negative magnetoresistance in Ni ₄₇ Mn ₄₀ Sn ₁₃ Heusler alloy- Application to spintronic devices	201741037869 Date of Filing: 16.10.2017	Dr. S. Esakki Muthu Karpagam Academy of Higher Education
37.	FAST DISSOLVING THIN FILM FOR DRUG DELIVERY	201741037868 Date of Filing: 16.10.2017	Dr. V. Senthil Kumar Karpagam Academy of Higher Education
38.	Nanostructured TiO ₂ /PS in view of saccharides sensors	201741040319 Date of Filing: 16.10.2017	Dr. A. Saranya Karpagam Academy of Higher Education
39.	The growth of 2-amino 4-methylpyridinium 4-nitrophenolate 4-nitrophenol bulk crystal	201741040320 Date of Filing: 16.10.2017	Dr. S. Karuppusamy Karpagam Academy of Higher Education
40.	Significant invention of dye sensitized solar cell using banana flower as photocatalyst	201841007683 Date of Filing: 16.10.2017	Dr. B. Janarthanan Karpagam Academy of Higher Education
41.	Raman spectroscopy as tool for the identification of genuinely of chemicals in biological samples	201841007684 Date of Filing: 16.10.2017	Dr. V. Senthil Kumar Karpagam Academy of Higher Education
42.	Mixture (50:50) of hybrid alcohol extracts (90:10) of <i>Boswelliaserrata</i> and <i>Terminalia bellerica</i> as an anti inflammatory agent	201841007685 Date of Filing: 16.10.2017	Mr. Rajesh S Mony Karpagam Academy of Higher Education

43.	Battery-supercapacitor hybrid system	201841007686 Date of Filing: 16.10.2017	Dr. V. Senthil Kumar Karpagam Academy of Higher Education
44.	Raman spectroscopy as tool to detect biochemical changes in the tissues	201841007687 Date of Filing: 16.10.2017	Dr. V. Senthil Kumar Karpagam Academy of Higher Education
45.	Diy compact parabolic through collector	201841007688 Date of Filing: 16.10.2017	Dr. B. Janarthanan Karpagam Academy of Higher Education

Faculty of Engineering

S. No.	Title	Patent Filed	Name
1	Bore well rescue system	6183/CHE/ 2013; 31.12.2013	Lt. Sridhar K P, Karpagam University
2	Cell phone stand	263469; dt. 18.06.2014	Lt. Sridhar K P, Karpagam University
3	Advanced bore well rescue unit gripper system	3360/CHE/ 2014; dt. 08.07.2014	Lt. Sridhar K P, Karpagam University
4	Biomodal interface wheel chair for rehabilitation of paralyzed people	1936/CHE/2015; dt. 15.04.2015	Dr. C.R. Hema
5	Domestic small onion peeler	4617/CHE/2015; dt. 01.09.2015	N. Prabhakaran Karpagam Academy of Higher Education (KAHE)
6	Hybrid gripper unit for borewell rescue machine	278896/2015; dt. 29.12.2015	Lt. Sridhar K P, Karpagam University
7	Cleaning device	291281; dt. 24.02.2017	Lt. Sridhar K P, Karpagam University
8	An apparatus for cleaning a storage tank	201741017415; Dt. 18.05.2017	Lt.. Dr. K.P. Sridhar S. Deepa K.P. Gridhar G. Archana Karpagam Academy of Higher Education
9-18	Designs (10 numbers)	July-2018	Lt. Dr. K. P. Sridhar

Copyrights

S. No.	Title	Copyright filed	Name
1	Bore well Child Trap Video	18.01.2017	Lt. Sridhar K P, Karpagam University
2	List of bore well incidents	18.01.2017	Lt. Sridhar K P, Karpagam University