



PANIMALAR INSTITUTE OF TECHNOLOGY

DEPARTMENT OF INFORMATION TECHNOLOGY

IPR – PUBLICATIONS OF PATENTS SUMMARY

S.No	Name Of The Inventor(S) With The Designation	Dept	Title Of The Invention	Date Of Filing	Patent No. (Or) Application Number	Date Of Published	Status Of The Patent
ACADEMIC YEAR :2021-22							
1	DR.T.JAYANTHY Professor & Principal	ECE	METHOD FOR FABRICATING FRACTAL ANT	05/04/2021	2021101727	04/08/2021	GRANTED
2	DR.HEMALATHA.S Professor	CSE	SMART ORGANIC LED FARMING SYSTEM BASED ON ARTIFICIAL INTELLIGENCE & MACHINE LEARNING MODE	25/06/2021	2021103628	04/08/2021	GRANTED
3	DR. LAVANYA DHANESH Associate Professor	EEE	INTEGRATED MULTIPLE SENSOR DATA FUSION & ARTIFICIAL INTELLIGENCE BASED MONITORING AND PREVENTIVE SYSTEMS	30/07/2021	202141034307 A	06/08/2021	GRANTED
4	DR.HEMALATHA.S Professor	CSE	SMART FRAMEWORK FOR PROVIDING PRIVACY AND PROTECTION IN BLOCK CHAIN BASED PRIVATE TRANSACTIONS USING CLOUD COMPUTING APPROACH	26/07/2021	2021104564	08/09/2021	GRANTED

5	DR. S.SUMA CHRISTAL MARY Professor	IT	A METHOD OF SMART VEHICLE SAFETY AND SECURITY SYSTEM USING INTERNET OF THINGS	02/08/2021	202141034638A	06/08/2021	PUBLISHED
6	DR.S.SUMA CHRISTAL MARY Professor	IT	AI BASED PROSTATE CANCER DETECTION IN MRI IMAGES	23/07/2021	202141033272A	13/08/2021	PUBLISHED
7	DR.S.SUMA CHRISTAL MARY Professor	IT	A NOVEL METHOD FOR PREDICTION OF DIABETES USING SUPPORT VECTOR MACHINE LEARNING	06/09/2021	202141040434A	10/09/2021	PUBLISHED
8	DR.S.SUMA CHRISTAL MARY Professor	IT	A METHOD OF AIR POLLUTION MONITORING SYSTEM USING INTERNET OF THINGS	18/08/2021	202141037389A	24/09/2021	PUBLISHED
9	DR. A. JAYANTHI Professor / Chemistry	H&S	DATA-DRIVEN APPROACHES FOR CYBER DEFENSE OF BATTERYENERGY STORAGE SYSTEMS	13/11/21	202141052091	26/11/21	PUBLISHED
10	MR T.A. MOHANAPRAKASH Associate Professor	CSE	ROBUST MULTI AUTHORITY ATTRIBUTES MANAGEMENT SYSTEM OF SERVERLESS COMPUTING WITH ENHANCED RELIABILITY	31/08/2021	202141039395	10/09/2021	PUBLISHED & AWAITING REQUEST FOR EXAMINATION

11	DR.P.S.RAMAPRABA Professor & Head	EEE	REAL TIME GARBAGE MONITORING SYSTEM USING AUGMENTED REALITY	27/10/2021	202141049058	26/11/2021	PUBLISHED & AWAITING REQUEST FOR EXAMINATION
12	1.DR.P.S.RAMAPRABA Professor & Head 2. DR.R.DHARMAPRAKASH Professor 3. MR.M.PADMARASAN Associate Professor 4. MR.C.T.MANIKANDAN Associate Professor	EEE	A PREDECTIVE POWER FACTOR DETECTION USING AI	27/10/2021	202141049059	26/11/2021	PUBLISHED & AWAITING REQUEST FOR EXAMINATION
13	DR.A.KISTAN Associate Professor	H&S	CONFISCATION OF CHEMICAL OXYGEN DEMAND FROM GROUNDWATER SAMPLES COLLECTED FROM NEAR TANNERIES USING ACTIVATED CARBON OF RICINUS COMMUNIS BLENDED WITH ACTIVATED CARBON OF COCONUT SHELL	03/12/2021	202151028245	-	FILED
14	DR.M.HARIPRASATH Assistant Professor	ECE	MULTIUTILITY TABLE	30/11/2021	353926-001	-	FILED

15	DR.M.HARIPRASATH Assistant Professor	ECE	APPARATUS FOR MEDICAL WASTE TREATMENT	19/11/2021	353410-001	-	FILED
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ACADEMIC YEAR :2020-21

16	Dr. R. JOSEPHINELEELA Professor & Head Dr. S. SUMA CHRISTAL MARY Associate Professor Mrs. N. SENTHAMILARASI Assistant Professor	IT	IOT BASED CHILD PROTECTION USING ANDROID APP	25/02/2021	202141007929A	05/03/2021	PUBLISHED
17	DR.LAVANYA DHANESH Associate Professor	EEE	RUBBER BULLET FIRING GUN MECHANISM WITH MACHINE VISION BASED INTRUDER IDENTIFICATION SYSTEM	31/03/2021	202141014878	23/04/2021	PUBLISHED & AWAITING REQUEST FOR EXAMINATION
18	Mr.G.SENTHILKUMAR Associate Professor	MECH	NOVEL DESIGN FOR DOMESTIC STRING HOPPER MACHINE	09/02/2021	202141005414	12/02/2021	PUBLISHED
19	DR.J.DEEPA Associate Professor	CSE	IOT BASED DESIGN FOR BRAIN TUMOR DETECTION AND ANALYSIS WITH ADVANCED IMAGING TECHNIQUES ON MRI IMAGES.	10/12/2020	202041053804	22/01/2021	PUBLISHED & AWAITING REQUEST FOR EXAMINATION

20	1.Dr.GRACY THERASA Associate Professor 2.Dr.BETINA ANTONY.J Associate Professor	CSE	IOT BASED REAL TIME PREDICTING AND DETECTING HEART ATTACK AND CLOUD COMPUTATION	31/10/2020	202041047640	06/11/2020	PUBLISHED & AWAITING REQUEST FOR EXAMINATION
21	Dr.N.NITHYANANDAN Professor & Head	MECH	IOT BASED SOLAR ENERGY DETECTION WITH CRESCENT DUNES	12/01/2021	2021100172	-	FILED
ACADEMIC YEAR :2019-20							
22	DR.T.KALAI CHELVI Professor	CSE	PROCESS ON IMAGE FOR EARTH QUAKE DAMAGE ASSESSMENT	31/07/2019	201941029682	09/08/2019	AWAITING REQUEST FOR EXAMINATION
23	Dr.S.SUMA CHRISTAL MARY Associate Professor	IT	VOICE OPERATED WHEEL CHAIR	20/11/2019	201941004736A	--	FILED
24	Dr.T.G.SAKTHIVEL, Associate Professor	MECH	AN AUTOMATED METHOD AND SYSTEM FOR GRAVITATIONAL TRANSPORTATIOOF MINERALS ALONG WITH SEGREGATION	18/01/2020	202041002231	24/01/2020	PUBLISHED

ACADEMIC YEAR :2018-19

25	1. MR.A.MOHAMED INAM ULIIASAN, Student 2.MR.M.MANUNEETHYCHOLAN , Student 3.MR.S.AJAY, Student 4.MR.R.BHANUPRAKASH, Student 5.DR.P.S.RAMAPRABA, Professor & Head 6. MR.N.KARTHIKEYAN, Student	EEE	SMART DRINKING WATER DISPENSER	27/3/2019	201941011881A	26/04/2019	PUBLISHED
26	MR.M.GANESH, Student	ECE	SMART SOLAR POWER GENERATION	26/11/2019	201941048231	06/12/2019	PUBLISHED
27	1.DR.T.KALAICHELVI Professor 2.DR. V.SUBEDHA Professor & Head 3.MRS.J.DEEPA Assistant Professor 4.MRS.S.PANIMALAR Assistant Professor	CSE	AN INGENIOUS NANO CAUTIONARY IOT MOBILE APP SYSTEM FOR MYOCARDIAL INFARCTION USING SALIVARY BIOMARKERS	22/02/2019	201941006977	28/08/2020	UNDER EXAMINATION

28	1.DR.T.KALAICHELVI Professor 2.DR. V.SUBEDHA Professor & Head 3.DR.S.VENKATA LAKSHMI Associate Professor 4.MR.K.SATHYAMOORTHY Assistant Professor 5.MRS.S.HEMAMALINI Associate Professor	CSE	LOFT BASED CRIME DETECTION APP INTEGRATED WITH EOS AND IMAGE PROCESSING SYSTEM THEFT DEFENCE	22/02/2019	201941006965	28/08/2020	FER ISSUED, REPLY NOT FILED
29	DR.S.HEMALATHA Professor	CSE	NOVEL HERBAL METHOD TO CURE HUMAN DISEASE USING MOBILE APPLICATION DEVELOPMENT	26/03/2019	201941011699	02/10/2020	REPLY FILED. APPLICATION IN AMENDED EXAMINATION
30	DR.S.HEMALATHA Professor	CSE	HANDY INTELLIGENT DEVICE TO ALERT AND ORDEIT HOME BUDGET FOR PEOPLE TO MAINTAIN HOME NEEDY	26/03/2019	201941011708	02/10/2020	REPLY FILED. APPLICATION IN AMENDED EXAMINATION
31	1.DR.T.KALAICHELVI, Professor 2.DR.V.SUBEDHA. Professor & Head 3.MRS.K.HEMAPRIYA Assistant Professor 4.MRS.M.THERASA Associate Professor 5.MRS.K.SUJA RAJESWARI Assistant Professor	CSE	A BIO MECHANICAL ENGROSSING NANO NON INVASIVE DEVICE FOR TRACKING VICTIM USING SKIN TEMPERATURE	14/02/2019	201941005802	21/08/2020	FER ISSUED, REPLY NOT FILED

32	1.DR.T.KALAICHELV Professor 2.DR.V.SUBEDHA Professor & Head 3. MRS.A.DIVYA Assistant Professor 4. MRS.M.ABIRAMI Assistant Professor 5.MRS.E.ARCHANA Assistant Professor	CSE	AN INTELLECTUAL FAMILY RING APPLICATION TO RECOGNIZE THE PHYSIOLOGICAL BIOMETRIC VALUES FOR DELICATE	14/02/2019	201941005812	21/08/2020	PUBLISHED & FER ISSUED, REPLY NOT FILED (UNDER EXAMINATION)
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ACADEMIC YEAR : 2017-18

33	DR.S.HEMALATHA Professor	CSE	THWART SHOULDER SNIFFING ATTACKERS IN AUTOMATIC TELLER MACHINE BY IMPLEMENTING RANDOM DISPLAYING NUMBER KEYS USING CYBER SECURITY RANDOM NUMBER GENERATION ALGORITHM	19/02/2018	201841006236	13/12/2019	REPLY FILED. APPLICATION IN AMENDED EXAMINATION
34	MR. P.P.KRISHNA THULASI, Student	EEE	CANCELLATIONOF COUNTER MMF IN INDUCTIVE ELECTRICAL APPARATUS USING COUNTER WOUND COILS	28/06/2017	201741022585	4/1/2019	PUBLISHED

35	1.MS.ABIRAME.D, Student 2.MR.AKSHAYA.M, Student 3.MS.JANANI DIVYA.V, Student 4.MRS. R. PRATHIPA, Associate Professor 5.DR.T.JAYANTHY, Professor & Principal 6.DR.M.P.CHITRA, Professor. & Head 7. M.ARUN, Assistant Professor 8.MRS.V.JEYARAMYA, Associate Professor	ECE	BOMB DETECTION AND DIFFUSION ROBOT	06/04/2018	201841013160	13/12/2019	PUBLISHED
36	1.MS.BHUVANA.R, Student 2.MS.ISAIVANI.S, Student 3. SATRASALA.RAMYA HARIKA, Student 4. MS. S.SARANYA, Student 5. DR.T.JAYANTHY, Professor & Principal 6. DR.M.P.CHITRA, Professor. & Head 7. D.KALAIARASI, Assistant Professor 8. MRS.I.POONGUZHALI, Assistant Professor	ECE	ARTIFICIAL INTELLIGENCE BASEDCARDIAC DISEASE DETECTION AND MOTION ESTIMATION	06/04/2018	201841013156	11/10/2019	PUBLISHED

37	1.MS.D.RENUKA, Student 2.MS.R.RAMYA, Student 3. DR.M.P.CHITRA, Professor. & Head 4.MR.L.ASHOKKUMAR Associate Professor 5. MR.J.NAVARAJAN Associate Professor	ECE	MULTIBAND PATCH ANTENNA FOR BASE STATION	06/04/2018	201841013156	11/10/2019	PUBLISHED
38	1.MR.YOGESH GUDI, Student 2. MS. VATTIKUNTA HARSHADEEP, Student 3. MR.GADDAM GAUTHAM, Student 4.MR.SV.RAHUL KUMAR, Student 5. DR.M.P.CHITRA, Professor. & Head 6.DR. M. PREMKUMAR, Professor	ECE	FLYING HUMANOID	03/05/2018	201841016659	08/11/2019	PUBLISHED
ACADEMIC YEAR 2016-17							
39	1.DR.P.S.RAMAPRABA, Professor & Head /EEE 2.DR.T.JAYANTHY, Professor & Principal 3.DR.M.P.CHITRA, Professor & Head /ECE 4. MRS.K.P.LAVANYA Associate Professor / EEE	ECE & EEE	AUTOMATIC DIAGNOSIS CERVICAL CANCER LESION USING GVF SNAKE METHOD	20/06/2016	201641020949	22/12/2017	PUBLISHED

40	1.G.SUBIRAMANIYAN, Student 2. J.VENKATESAN, Student 3. R.PARTHIBAN, Student 4. DR.M.P.CHITRA, Professor & Head 5.DR.S.GANESH , Professor 6. MR.J.NAVARAJAN, Associate Professor	ECE	TELE COMMUNICATION THEFT CONTROL	10/08/2016	201641027309	16/02/2018	APPLICATION EXAMINED (FER ISSUED) 22/01/2020
41	1.SARAVANAN.M.S, Student 2.N.MOHAMMED, Student 3.BURHANUDDIN DADNI, Student 4.DR.T.JAYANTHY, Professor & Principal 5.DR.S.GANESH , Professor . 6. MR.M.ARUN, Assistant Professor	ECE	INTERNET OF E & E APPLIANCES	26/09/2016	201641032693	30/03/2018	APPLICATION EXAMINED (FER ISSUED) 23/10/2019
42	1.N.MOHAMMEDBURHAUD DINDADNI, Student 2.SARAVANAN.M.S, Student 3. DR.T.JAYANTHY, Professor & Principal 4. DR.M.P.CHITRA, Professor & Head 5. DR.S.GANESH , Professor	ECE	WATER CONDENSATION USINGTEC	26/09/2016	201641032696	30/03/2018	APPLICATION EXAMINED (FER ISSUED) 26/12/2019

43	1. B.PONVANNAN, Student 2. ARAVIND, Student PRAMOD JACOB JOHN, Student 3. DR. T. JAYANTHY, Professor & Principal 4. DR. M. P. CHITRA, Professor & Head 5. MR. M. ARUN, Assistant Professor	ECE	SMART ADAPTIVE TRAFFIC CONTROLLER	20/03/2017	201741009552	28/09/2018	PUBLISHED
44	1. V. ASWIN SIVA, Student 2. T. YOKESH, Student 3. S. MURUGESAN, Student 4. DR. T. JAYANTHY Professor & Principal 5. DR. M. P. CHITRA, Professor & Head 6. MR. M. ARUN, Assistant Professor	ECE	AID FOR SENSORINEURAL HEARING LOSS	22/03/2017	20174009773	--	FILED
45	1. VINOTH K, Student 2. VELAGAPUDI DEEPAK, Student 3. REDDIVARI SAI SARAN, Student 4. DR. T. JAYANTHY, Professor & Principal 5. DR. M. P. CHITRA, Professor & Head 6. DR. S. GANESH, Professor	ECE	ROBOTIC BOOK SCANNER	24/03/2017	20174010048	--	FILED

46	1.SHRADDHA KAMATH, Student 2. SHANMUGA PRIYA V, Student 3. NIVEDA B, Student 4. DR.S.GANESH, Professor	ECE	ATOMBOT	03/04/2017	20174011068	--	FILED
47	1.S.EZHILARASAN,Student 2.M.SARAVANAN, Student 3.GANESH, Student 4.V.LOGESH, Student 5.DR.T.JAYANTHY Professor & Principal 6. DR.S.DEEPA,Professor	EEE	SOLAR POWERED BLUETOOTH INHABITED HELMET	27/09/2016	201641032885	30/3/2018	PUBLISHED

ACADEMIC YEAR 2015-16

48	1.DR.M.P. CHITRA, Professor & Head 2. DR.M. PREM KUMAR, Professor 3. T.AKASHSALOW, Student 4. A.ASIF IQBAL, Student 5. R.ASWIN, Student	ECE	ICAN- AN INTELLIGENT TRASH CAN	06/05/2016	201641015847	10/11/2017	PUBLISHED
49	1.DR..M.P. CHITRA, Professor & Head 2. A.KHADARSHAREEF, Student 3. J.RANJITH KUMAR,Student 4. M.YUVARAJ,Student	ECE	SAFETY AND RESCUE ASSISTIVE SYSTEM	03/07/2015	3790/CHE/2015	27/01/2017	APPLICATION EXAMINED (FER ISSUED) 18/12/2019