

S.A. ENGINEERING COLLEGE, CHENNAI – 77
 (An Autonomous Institution, Affiliated to Anna University)
 DEPARTMENT OF HUMANITIES AND SCIENCE

DETAILS OF PATENTS (FACULTY/STUDENTS)
ACADEMIC YEAR 2023 – 24

S.NO	TITLE OF THE PATENT	NAME(s) OF THE FACULTY / STUDENT	DATE OF APPLICATION FILED	STATUS OF APPLICATION (PUBLISHED/ GRANTED)
1	Application of Caputo-Fabrizio Fractional Order Derivative In Epidemic Wireless Sensor Network	Dr V.Madhusudanan V.O.Sangeetha	202341075936 07.11.2023	Published 17.11.2023
2	Impact of covid-19 using fractional difference operators-A mathematical approach.	Mr. R. Anbunathan Ms. M. Lakshmi Dr. M. Meganathan	202341075957 07.11.2023	Published 17.11.2023
3	Existence of Chaotic Nature in Modified Colpitts Oscillator	Dr. G. DIVYA Dr. G. MUTHUMARI Dr. K. A. NIRANJAN KUMAR	202341075945 07.11.2023	Published 17.11.2023
4	Dynamical Analysis of A Delayed Series Malware Spreading Model Within The Context of Cyper Physicals	Ms.G.Swathy, Ms.D.Nithya, Ms.A.Malathy	202341075947 07.11.2023	Published 17.11.2023
5	Oscillating With a Vertical Disc Under The Influence of Viscous Dissipation Effects Causes Unsteady	Mr. S. Prabhakar Ms. Ramya R Ms. Usha R	202341075972 07.11.2023	Published 17.11.2023

6	A Study of Mental State, Modification of Habits And Impact On Children Studies Before And After The Usage Of Smart Phone	Mrs.S.Selvi Mrs.K.Glory Prasanth Mrs.K.Kavitha	202341075980 07.11.2023	Published 17.11.2023
7	3,5-Bis(Benzyl Oxy)-3-(Dimethyl Amino)-(1,1-Biphenyl)-2-Carbonitryl As a Effective Emitter For Organ	Dr. R. Kanimozhi Mrs. S. Shoba Dr. R. Epshiba	202341075965 07.11.2023	Published 17.11.2023
8	Production Inventory Model With Deteriorating Items, Two Rates Of Production Cost And Taking Account	V.Choudri. C.K.Sivashankarl. Vedamanlckam D	<u>202341078609</u> <u>07.11.2023</u>	Published 17.11.2023
9	Diffusion Model For Molecular Docking For 4-Hydroxy-3-Methoxyacetophenone With Information From Quan	Dr.R Kumutha Dr.C.Senthamil Selvi Dr.M.Manimara Boopathy	<u>202341075935</u> <u>07.11.2023</u>	Published 17.11.2023
10	Synthesis Growth And Characterization Of Nlo Material : N - Phthaloylisoleusine (Npil)	Dr.R.Raja Dr.R.Ganesan Dr. R. Shahidha	<u>202341075969</u> <u>07.11.2023</u>	Published 17.11.2023
11	Induced Ferromagnetism in Strontium perovskite through chromium ions for DMS based Applications	Dr. M. MURALIDHARAN Dr. S. ELAKKIYA Dr. T. LOGANATHAN	202341075942 <u>07.11.2023</u>	Published 17.11.2023
12	INNOVATIVE PLANT FIBER REINFORCED MATRIX FOR ENHANCED DURABILITY AND SUSTAINABILITY.	DR.G.S.GAYATHRI, MRS. S.JAYACHITRA, MRS .S .SUJA,	202341075955 07.11.2023	Published 17.11.2023

13.	DESIGN OF SOLID CORE PHOTONIC CRYSTAL FIBER BASED 1X4 OPTICAL POWER SPLITTER	Dr.G.LATHA A. CHANDRAVADHANA	202341075944 07.11.2023	Published 24.11.2023
14.	IMPROVED SYNTHESIS AND NBO ANALYSIS OF HAIR DYES	R.HARIHARASUTHAN	202341075943 07.11.2023	Published 17.11.2023
15.	CHATGPT APPLICATION IN LANGUAGE LEARNING	Dr.S.SANGEETHAPRIYA G.SRI NIDHYA	202341075978 07.11.2023	Published 17.11.2023
16.	ACQUIREMENT OF SOFT SKILL FOR PROFESSIONAL LEARNERS THROUGH ENGLISH LANGUAGE TEACHING	Dr. J JOHN SUNIL MANOAH Dr. T SENTHIL KUMAR	202341076808 10.11.2023	Published 17.11.2023
17.	MODERN TECHNOLOGY IN TEACHING ENGLISH	R MURALI G KALPANA Dr P AMUDHA	202341076809 10.11.2023	Published 17.11.2023