

S.A. ENGINEERING COLLEGE, CHENNAI – 77

(An Autonomous Institution, Affiliated to Anna University)

DEPARTMENT OF HUMANITIES AND SCIENCE (English)

DETAILS OF PATENTS (FACULTY/STUDENTS)

Academic Year : 2024-25

Sem: ODD

Date: 04.12.24

S.NO.	TITLE OF THE PATENT	NAME(S) OF THE FACULTY / STUDENT	DATE OF APPLICATION FILED	STATUS OF APPLICATION (PUBLISHED/ GRANTED)	IF GRANTED PROVIDE DETAILS
01	THE SIGNIFICANCE OF CRONUS CROSS AND ITS IMPACT IN ENGLISH LITERATURE	DR. J JOHN SUNIL MANOAH DR T SENTHIL KUMAR	22/10/2024 APP NO. - 202441080168	PUBLISHED 22.10.2024	-
02	INFLUENCE OF INTERNET-BASED TECHNOLOGY IN ENGLISH LANGUAGE PRACTICE	MS. G.SRI NIDHYA DR S SANGEETHA PRIYA	22/10/2024 APP NO. - 202441080182	PUBLISHED 22.10.2024	-
03	ENGLISH FOR BUSINESS	MR. R. MURALI MS. G KALPANA DR. V SASIKUMAR	22/10/2024 APP NO. -202441080173	PUBLISHED 22.10.2024	-
04	LANGUAGE LEARNING JOURNEY THROUGH THE ACTIVITY OF GAME SUSTAINS THE EFFORT OF EARNING SKILLS	DR S ELAKKYA DR P AMUDHA DR R TAMILSELVI	22/10/2024 APP NO. - 202441080161	PUBLISHED 22.10.2024	-

S.A. ENGINEERING COLLEGE, CHENNAI – 77
 (An Autonomous Institution, Affiliated to Anna University)
DEPARTMENT OF HUMANITIES AND SCIENCE(MATHS)
DETAILS OF PATENTS (FACULTY/STUDENTS)

Academic Year : 2024-25
Sem: ODD

Date: 20/12/2024

S.NO	TITLE OF THE PATENT	NAME(s) OF THE FACULTY / STUDENT	DATE OF APPLICATION FILED	STATUS OF APPLICATION (PUBLISHED/ GRANTED)	IF GRANTED PROVIDE DETAILS
1.	Optimal control and Hopf-Bifurcation analysis of a delayed social networking game addiction model	Dr. V. Madhusudanan	202441080157 22/10/2024	Published 01/11/2024	
2.	Synchronization of modified chaotic colpitts oscillator using non linear feedback method	Dr. V. Choudri Dr. K. A. Niranjan Kumar	202441086662 11/11/2024	Published 22/11/2024	
3.	Role of Fractional Difference Equation in Discrete Smoking Mathematical Model	Mr. R. Anbunathan Mrs.M. Lakshmi Dr. M. Meganathan	202441080154 22/10/2024	Published 01/11/2024	
4.	Application of some topological indices in Nover Topologized graphs	Dr. G. Divya Dr. G. Muthumari Mrs. K. Kavitha Ms. V. Seethalakshmi	202441086664 11/11/2024	Published 22/11/2024	

5.	Delay and Optimal Control Analysis of Monkeypox virus in contaminated environment	Mrs. G. Swathy Mrs. D. Nithya Mrs. A. Malathy	202441080177 22/10/2024	Published 01/11/2024	
6.	Unsteady casson nanofluid flow yield employing rotating disk and investigated numerically	Mr. S. Prabhakar Mrs. R. Ramya Mrs. R. Usha	202441080163 22/10/2024	Published 01/11/2024	
7.	The Breast cancer: An analysis and forecasting approach using the arima model	Mrs. K. Glory Prasanth Mrs. S. Selvi Mrs. Shoba	202441080180 22/10/2024	Published 01/11/2024	
8.	Tranformation of Neurosophic Fuzzy into parametric representation	Dr. T. Loganathan Mrs. S. Lavanya Mrs . S. Suba Mrs. M. Ramalatha	202441080165 22/10/2024	Published 01/11/2024	

S.A. ENGINEERING COLLEGE, CHENNAI – 77
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DEPARTMENT OF HUMANITIES AND SCIENCE (Physics)
DETAILS OF PATENTS (FACULTY)

Academic Year : 2024-25

Sem: I

Date: 21/12/2024

S.NO	TITLE OF THE PATENT	NAME(s) OF THE FACULTY / STUDENT	DATE OF APPLICATION FILED	STATUS OF APPLICATION (PUBLISHED/ GRANTED)	IF GRANTED PROVIDE DETAILS
1	Investigating transition metal oxide nanocomposites and activated carbon structures for efficient re	Dr V Rajeshbabu Dr R Ganesan Dr R Raja	202441080153 22/10/2024	Publication Date 1/11/2024	-
2	A Navigation Aid for the Visually Impaired using Ultrasonic Sensors	Dr A Chandravadhana Dr. Chitra Devi D	202441076860 10/10/2024	Publication Date 25/10/2024	-
3	A DFT Investigation on the Efficiency of 3”4”-Dimethoxyacetophenone with diffusion model for molecules	Dr. R. Kumutha Dr. C. Senthamil Selvi Dr. M. Manimara Bhoopathy	202441080151 22/10/2024	Publication Date 01/11/2024	-

4	Comprehensive Surface Analysis of NonLinear Optical Single Crystals of Manganese Mercury Thiocyanate	Dr R. Josephine Usha Dr Suvitha A	202441080152 22/10/24	Publication Date 1/11/2024	-
5	Fabricated Ferromagnetic Signature in Ytterbium doped Strontium Stannate for Dilute Magnetic Semiconductors	Dr M Muralidharan Dr. P. Divya Dr. C. Reeda Lenus	202441080195 22/10/2024	Publication Date 1/11/2024	-

S.A. ENGINEERING COLLEGE, CHENNAI – 77
 (An Autonomous Institution, Affiliated to Anna University)
DEPARTMENT OF HUMANITIES AND SCIENCE (Chemistry)
DETAILS OF PATENTS (FACULTY/STUDENTS)

Academic Year : 2024-25
 Sem: ODD

Date: 20.12.24

S.NO.	TITLE OF THE PATENT	NAME(s) OF THE FACULTY / STUDENT	DATE OF APPLICATION FILED	STATUS OF APPLICATION (PUBLISHED/ GRANTED)	IF GRANTED PROVIDE DETAILS
1	Remodeled of dyes synthesis, characterization and theoretical investigation of the photovoltaic properties	Dr.R.HARIHARASUTHAN	202441080155 22/10/2024	PUBLISHED 01/11/2024	-
2.	Impact of optimal control and noise sensitivity analysis on urban life and forest resources due to the growing atmospheric carbon dioxide levels in the environment	Mr.D.VEDAMANICKAM, Ms.V.O.SANGEETHA	202441080170 22/10/2024	PUBLISHED 01/11/2024	-
3.	Animal charcoal preparation from cooked meat waste a sustainable approach for waste valorization	Ms.S.SUJA, Ms.S.JAYACHITRA, Dr.G.S.GAYATHRI	202441080162 22/10/2024	PUBLISHED 01/11/2024	-

4.	Green synthesis of silver nano particles using capsicum fruitesence leaf extract	Dr.R.EPSHIBA, Dr.R.KANIMOZHI, Ms.K.MAYILVANI	202441080164 22/10/2024	PUBLISHED 01/11/2024	-
5.	Investigating transition metal oxide nanocomposites and activated carbon structures for efficient removal of COD	Dr,RAJESH BABU, Dr.R.GANESAN, Dr.R.RAJA	202441080153 22/10/2024	PUBLISHED 01/11/2024	-