

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 2022 – 23

S.NO	DEPT.	ACADEMIC YEAR	TITLE OF THE PATENT	INVENTOR/S	APPLICATION NUMBER	STATUS FILED/PUBLISHED
1	H & S	2022-23	ADSORPTION OF RHODAMINE B DYE BY USING VARIOUS COMPOSITIONS OF SOREL CEMENT FERRIC CHLORIDE AND THEIR VARIATION WITH TEMPERATURE CONTACT TIME PH AND TITLE OF INVENTION TEMPERATURE AND THEIR RESULTS THEREOF	DR. R. HARIHARASUTHAN DR. T. GNANASAMBANDAN DR. A. BHASKARAN	202241068967	Published
2	H & S	2022-23	EFFECTIVENESS OF IOT DEVICE BASED LEARNING METHODOLOGY IN ENHANCING ENGLISH	Dr. T. SENTHIL KUMAR Dr. JOHN SUNIL MANOAH Mr. RICHARD JEGADEESAN.P	202241068931	Published

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			LANGUAGE LISTENING SKILLS OF THE LEARNERS			
3	H & S	2022-23	IMPACT OF STOCHASTIC ANALYSIS ON SIQRSEPIDEMIC MODEL WITH CROWLEY-MARTIN FUNCTIONAL RESPONSE-MATHEM	DR.V.MADHUSUDANAN MRS. K. GLORY PRASANTH	202241068959	Published
4	H & S	2022-23	A STUDY ON THE IMPACTS OF ENGINEERING STUDENTS ACADEMICS AFTER COVID 19	Mrs.Selvi	202241070050	Published
5	H & S	2022-23	ANALYSIS OF VISCOSITY AND ACTIVATION ENERGY IN CASSON FLUID FLOW THROUGH A THIN OSCILLATING DISC	Mr. S.Prabhakar	202241068933	Published
6	H & S	2022-23	VIBRATIONAL SPECTRA, NBO, HOMO, LUMO ANALYSES OF	Dr. R. Kumutha	202241068958	Published

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			HYDRAZINECARBOXAMIDE, (2-FURANYLMETHYLENE)			
7	H & S	2022-23	AZADIRACHTA INDICA AS A EFFECTIVE PHOTOSENSITIZERS FOR DYE-SENSITIZED SOLAR CELLS	Mr.D.VEDAMANIKKAM Mr. ANBUNATHAN	202241000000	Published
8	H & S	2022-23	ULTRASONIC GREEN ASSESSMENT OF NITROKETONE WITH NON- POLAR SOLVENTS AT 303.15K & 308.15K	Dr. G. S. Gayathri DR Jayakumar	202241000000	Published
9	H & S	2022-23	THE DEVELOPMENT OF A METHOD FOR CALCULATING THE OCEANIC NINO INDEX (ONI)	Mrs..S.Lakshmi	202241068961	Published
10	H & S	2022-23	AI BASED PROJECT TEACHING METHODS IN SECOND LANGUAGE TEACHING FOR MONITORING THE SECOND LANGUAGE	Dr.S.SANGEETHAPRIYA Mrs G Srinidhya	202241068918	Published

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11	H & S	2022-23	APPLICATION FOR ENERGYS IN NEUTROSOPHIC OVERSTRONG GRAPHS	Mrs.MUTHUMARI MRS. G.KALPANA MR.MURALI	202241070052	Published
12	H & S	2022-23	MOLECULAR STRUCTURE VIBRATIONAL SPECTRA, HOMO-LUMO, NBO, FIRST ORDER HYPER POLARIZABILITY ANALYSIS	Dr. SHAHIDHA R.RAJA Dr R.GANESAN	202241068920	Published
13	H & S	2022-23	IMPACT OFADAPTIVE BACK STEP CONTROL TECHNIQUE IN EPIDEMIC MODEL WITH STOCHASTIC ANALYSIS	MS.G.SWATHY MRS.D.NITHYA MRS.M.LAKSHMI	202241068962	Published