



Hindusthan College of Engineering and Technology

(An Autonomous Institution, Approved by AICTE, New Delhi,
Accredited with 'A' Grade by NAAC, Affiliated to Anna University)
Valley Campus, Pollachi Highway, Coimbatore – 641032



DEPARTMENT OF SCIENCE & HUMANITIES

LIST OF PATENTS BY THE FACULTY

S.No	Name of the Faculty & Designation	Title Of The Patent	Application No & Publication Date
MATHEMATICS			
1	Dr. K.P. Uma Professor & Head	The intuition of the analyst is based on Markov constructs a model on top of high-speed, temporal big data for cyber security.	202241055440 & 14.10.2022
2	Dr. K.P. Uma Professor & Head	Artificial Neural Network Based Low Cost Autonomous Mobile Robot using Wireless Sensor Network	202041041250 A & 09.10.2020
3	Dr. K.P. Uma Professor & Head	Mathematical Modeling of Human Resource Recruitment using univariate and bivariate policies.	202041046909 A & 06.11.2020
4	Dr. K.V. Girija Professor	Statistical Analysis Of Numerical Attributes Of Brain Tumors And Predict The Life Expectancy Through Confusion Matrix Instances	202241054152 A & 30/09/2022

S.No	Name of the Faculty & Designation	Title Of The Patent	Application No & Publication Date
5	Dr. K. Kavithamani Associate Professor	Artificial Neural Network Based Low Cost Autonomous Mobile Robot using Wireless Sensor Network	202041041250 A & 09.10.2020
6	Dr. K. Kavithamani Associate Professor	Fuzzy And Intuitionistic Fuzzy Strong Implicative Filters Of Residuated Lattice Wajsberg Algebras	202241045793 A 26/08/2022
7	Dr. K. Kavithamani Associate Professor	Statistical Analysis Of Numerical Attributes Of Brain Tumors And Predict The Life Expectancy Through Confusion Matrix Instances	202241054152 A & 30/09/2022
8	Dr. R. Poornima Associate Professor	Artificial Neural Network Based Low Cost Autonomous Mobile Robot using Wireless Sensor Network	202041041250 A & 09.10.2020
9	Dr. R. Poornima Associate Professor	Fuzzy And Intuitionistic Fuzzy Strong Implicative Filters Of Residuated Lattice Wajsberg Algebras	202241045793 A & 26/08/2022
10	Dr. R. Poornima Associate Professor	Statistical Analysis Of Numerical Attributes Of Brain Tumors And Predict The Life Expectancy Through Confusion Matrix Instances	202241054152 A & 30/09/2022
11	Dr. T. Rojamy Associate Professor	Mathematical modeling of Human resource recruitment using univariate and bivariate policies	202041046909A & 06.11.2020

S.No	Name of the Faculty & Designation	Title Of The Patent	Application No & Publication Date
12	Dr. T. Rojamy Associate Professor	A centralized library of dna sequences of patients suffering from cancer for effective prediction of life expectancy	202241053297 & 19.09.22
13	Dr. T. Rojamy Associate Professor	Implementation of probability of detection as statistical model to study the barriers in e-commerce marketing and validating them using qualitative methods	202211052851 & 15.09.22
14	Dr. S. Girija Associate Professor	Statistical Analysis Of Numerical Attributes Of Brain Tumors And Predict The Life Expectancy Through Confusion Matrix Instances	202241054152 A & 30/09/2022
PHYSICS			
15	Dr. K. Sivakumar Professor	SFM, AFM & Optical Absorbance And Transmittance Analysis Of PBPC Thin films on Glass And Kci Substrate	202241012409 A & 18-03-2022
16	Dr. K. Sivakumar Professor	Method Of Preparation And Structural With Compositional Analysis Of Vacuum Evaporated Lead	202241012409 A & 18-03-2022
17	Dr. K. Sivakumar Professor	Structural, Optical & Electrical Characterization of Nano structured Porous Silicon	202241058689 A & 04 -11 - 2022
CHEMISTRY			
18	Dr. B. Jeyagowri Associate Professor	Method of preparation and characterization of Polymers / Porous Silicon Composites	202241058688 A & 04/11/2022