VELALAR COLLEGE OF ENGINEERING AND TECHNOLOGY

THINDAL, ERODE.

(Autonomous)

(Accredited by NAAC and NBA)

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

FACULTY ACHIEVEMENT DETAILS

GUEST LECTURER/ JURY DETAILS

Academic Year 2020 - 2021

S.No.	Name of the Faculty	Date	Name of the Event	Topic	Organized by	Jury / Resource person
1.	K.Vanchinathan	17.05.2021 - 18.05.2021	Faculty Development Programme	Introduction to Power Electronics, Triggering and commutation circuit for SCR	Organised by Department of EEE, SRM Valliammai Engineering College, Chennai	Resource Person
2.	S.Ashwanth	03.07.20	Webinar	IoT and Industry 4.0 Opportunity Perspective	VCET	Resource Person

Academic Year 2019 – 2020

S.No.	Name of the Faculty	Date	Name of the Event	Topic	Organized by	Jury / Resource person
1.	C.Gokul	06.02.2020	National Level Symposium	TECHNO QUEST 2020	Erode Sengunthar Engineering College	Resource Person

BOOK PUBLICATIONS DETAILS

Academic Year 2020 – 2021

S. No.	Faculty Name	Book Title	Publisher Name	Month and Year of Publication	ISBN Number
1.	Dr.K.Vanchinathan	Metaheuristic Algorithms in Industry 4.0, CRC Press/ A Metaheuristic Optimization Algorithm-Based Speed Controller for Brushless DC Motor: Industrial Case Study	Taylor and Francis Group	2020-21	9781003143505
2.	Mr.K.Rajaram	Daily Activity Monitoring for an Unattended Elder and Disabled People	LAP Lambert Academic Publishing	2020-21	978-620-3-83974-6

Academic Year 2019 – 2020

S. No.	Faculty Name	Book Title	Publisher Name	Month and Year of Publication	ISBN Number
1.	Dr.C.Gokul Dr.K.Vanchinathan	Basic Electrical Engineering	ESN Publisher	March 2020	9788194515623

FACULTY PATENT DETAILS

S. No.	Name of the patent filed	Name of the co-inventor	Date of filing & Application Number	Status
1.	Architecture to Develop Multipliers for High Speed Computing Applications	Dr.S K Manikandan	01.06.2017&20174 1019281A	Published
2.	Automated Wearable dietary monitoring device and methods of recommending diet thereof	Ms.C Radhika	23.04.2021& 202141017316A	Published
3.	IOT based performance investigation system for DC motor	Ms.M.Thenarasi	13.11.2020& 202041049691A	Published
4.	Challenges Response Authendication Mechanism with Dynamic Questions against Blind attacks for Cognitive IoT networks	Dr.S.K.Manikandan	24.04.2021&2021 02178	Filed

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S.NO	FACULTY NAME	DIARY NO	TITLE	COPY RIGHT REG.OF
1	Dr.C.GOKUL Dr.P.SAKTHIVEL	15913/2020-CO/L	Evolutionary Computing Techniques Based Test Time Minimization In Core Based System-On-Chip	Literary/ Dramatic
2	Dr.K.VANCHINATHAN	357/2020-CO/SW	Bat Algorithm Optimized Fractional Order Pid Controller For Sensorless Speed Control Of Bldc Motors Using Matlab Software	-