

R.M.K. ENGINEERING COLLEGE

(An Autonomous Institution)

**R.S.M. NAGAR, KAVARAI PETTAI, GUMMIDIPOONDI TALUK,
THIRUVALLUR DIST. - 601206.**

**Affiliated to Anna University, Chennai / Approved by AICTE, New Delhi
/Accredited by NAAC with A+ Grade/ISO 9001:2015 Certified Institution
/All the eligible UG programs are accredited by NBA, New Delhi.**



**ELECTROWERKZ
NEWSLETTER
DEPARTMENT OF ELECTRICAL AND ELECTRONICS
ENGINEERING**

**JAN 2020-DEC 2020
Volume 10, Issue-01**

Vision And Mission

To Mould the Young Professionals into Creative and Successful Electrical Engineers to meet with the Global Technological Challenges

➤ **To Provide World Class Facilities to Enhance Technical Expertise of Students.**

➤ **To Create Awareness in Cutting Edge Technologies to the Faculty through Continuous Improvement Programs.**

➤ **To Provide a Conducive Ambience for the Teaching–Learning Process.**

➤ **To Impart Industry Oriented Technical Skills and Equip Students to Meet with the Societal Developments.**

➤ **To Inculcate Ethical Values, Team Spirit, Leadership Quality and Flexibility in Budding Electrical Engineers.**

Students Activity

01. Guest Lecture

02. Industrial Visit

03. Inplant Training

04. Paper Publication

05. Placement

06. Higher Studies

07. Extracurricular Activities

Faculty Activity

08. FDP Attended

9.Funded Project

**10.Conference/ Workshop /
FDP Organised**

11.PATENT

12.Faculty Achievement

13.Consultancy

01. Guest Lecture

Name of the Industry Expert	Designation	Industry	Topic
Mr Prasant Kumar Pani	Technical Specialist	HCL Technologies	Introduction to Python and its Future
Mr Prasant Kumar Pani	Technical Specialist	HCL Technologies	Introduction to Cloud computing and its components
Mr. S.Srihari	Founder	THEE Training Co. Chennai	Art of cracking Interviews
Mr.Velmurugan	Senior Trainer	TVS Training and Services	Humanoid Robots
Mr.A.Jegan	Development Automotive Consultant	KPIT Technologies Ltd	Electric vehicle modeling and simulation using MATLAB
Mr.D.Rajkumar	Application Engineer,	Design Tech Systems Pvt Ltd, Chennai	
Mr.H.Lalith Krishnan	Lead Engineer	Wabco India Pvt Ltd.	
S.Vignesh	Project leader	Johnson control India Pvt,Chennai	Building Automation Using Direct Digital Control
S. Gowtham Raj	Entrepreneur, Founder	Digital Dood Co	How to become a market ready Graduate post Covid-19 Pandemic
Mr. Sridhar Govindarajan	Director	Engineering Cerner Healthcare Solutions, Bangalore	Role Of Artificial Intelligence In Making Health Care System Smarter
Mr.E.Santhosh kumar	Founder	VRsavvy	Augumented Reality and Virtual Reality
Mr. R.S .Vasanth	Founder	Inlearn technologies	Human Resources 2.0
Mr.Karthick P	Chief Technology Officer	Enetric Technology Solutions	Edge Artificial Intelligence

Jan 2020- Dec 2020, Volume 10, Issue-01

Ms.S.Sivaranjani	Assistant Manager	TVS Training & Services Limited	Analyse data using Python
Mr.A.Thangaraj	Assistant Manager	TVS Training & Services Limited	Industrial applications of electric drives
Mr.Vishnukumar.K	Project engineer	E-con systems India private Limited,chennai	Edge computer vision System with nvidia jetson Platform
Ms. Thalluru meghana	Member Technical Staff	Zoho corporation Pvt Ltd	Guidance for Placement Preparation
Dr.Shankar Ramachandran	Divisional Manager	Ashok leyland limited	Electric vehicle: Battery Management system
Mr.Zafar	National Manager	Design tech systems pvt ltd	Hybrid Electric Vehicle with Matlab and Simulink
Mr.Kasiraman Madhavan	Customer Engineering Support	Michelin tyres	Role of tires in sustainable development: A Paradigm shift in Business model and vital skill set
Mr.Prasanth Kumar Palani	Consultant	Haritha techlogix	Electric and Hybrid Vehicle Technology Trends and career opportunities
Er. Adhimoolam	Associate Vice President	Isgec heavy engineering ltd chennai india	Role of Electrical Engineer in Power Plant
Mr.Selva Kumar	Head	Engineering design and research private limited	Electric Grid Infrastructure to take off Electric Vehicle
Mr.Pradik Kumar Badu	DM-Embedded systems	Mahindra electric mobility private limited	Electric VehiclesProduct development with an Industrial approach
Mr.Praveen Gautam	Senior Domain Engineer	ABB	Practical Significance of Power System Engineering
Mr..Mohan	Director	Citadel controls pvt ltd	Low Voltage Switchgears
Mr.Vinoth Kumar Sekar,	Project Manager	Willdan urbandale	Power Grid in Resiliency in USA
Mr.Rashid Manoly	Regional Manager	Ls Electric	LV Switch Boards and IEC standards design and Implementation

**Jan 2020- Dec 2020, Volume
10, Issue-01**

02.Industrial Visit

Batch Name	Year / SEM	Total No of Students	No.of students attended	Name of the Industry	Location	Date
2018-22	II/IV	125	125	NCTPS	ATHIPATTU	4.02.2020, 5.02.2020
2018-22	II/IV	125	125	KAMARAJAR PORT TRUST- MANALI	ENNORE	19.02.2020
2017-21	III/V	138	138	SRIPERUMBUR SUB STATION	SRIPERUM BUDUR	12.02.2020
2017-21	III/V	138	138	KAMARAJAR PORT TRUST- MANALI	ENNORE	10.03.2020

03.Inplant Training

Name of the Industry	Student Name	From Date	To Date	No of Days
TamilNadu PetroProducts Ltd., MANALI	Aarthi S	9.12.2019	13.12.2019	5
Code bind technologies	Abinesh P	1.12.2019	5.12.2019	5
TamilNadu PetroProducts Ltd., MANALI	Abirami S	9.12.2019	13.12.2019	5
TRIOS TECHNOLOGIES	Aparna Raji M	2.12.2019	15.12.2019	5
UNIQ TECHNOLOGIES	Balasuriyan S P	8.12.2019	10.12.2019	3
Padmavathy corrugated limited	Chittem Raghavaiah Geervani	2.12.2019	7.12..2019	6
TRIOS TECHNOLOGIES	Gayathri A	2.12.2019	15.12.2019	12
TNEB vilupuram	Gowthaman S	9.12.2019	13.12.2019	5
Barola Technologies	Jeevaharan M J	2.12.2019	7.12.2019	5
TNEB vilupuram	Kamalesh M	9.12.2019	13.12.2019	5
TRIOS TECHNOLOGIES	Kaushalya K	2.12.2019	15.12.2019	12
TRIOS TECHNOLOGIES	Keerthana V	2.12.2019	15.12.2019	12
Codebind Technologies	Korrakuti Mohith Chowdary	01.12.2019	05.12.2019	5
Substation , Kadalur	Krithika S	09.12.2019	13.12.2019	5

04.Paper Publication

Name of the faculty	Title of the Paper	Jounnal Name	Indexing
A. Fayaz Ahamed, R. Prathiksha, M. Keerthana, and D. Mohana Priya	Concept and Development of Triple Encryption Lock System	Intelligent Data Communication Technologies and Internet of Things	SCOPUS
M. Pushpavalli , N.M. Jothi Swaroopan , P. Sivagami , P. Abirami , M. Kavitha , V. Geetha	Analysis of novel multi-input KY boost converter	Materials Today: Proceedings ,	WOS
Magesh Thangavelu, Vignesh Jayaraman Parthiban, · Diwakar Kesavaraman, Thiyagesan Murugesan	Forecasting of solar radiation for a cleaner environment using robust machine learning techniques	Environmental Science and Pollution Research	SCI
Ms.Chandla Ellis, R. Roshni Karen, D. Dharshini, M. Yashwanthi	AN IoT BASED SYSTEM FOR IMPROVING THE SOLAR WATER HEATER	Matemactical Statistician and Engineering Applications	SCOPUS
Jenifer.A 1 , Dr.Y.Sukhi 1 , Anil Kumar N	Design metrics and Performance Exploration of Asymmetric HBLLC converter	Matemactical Statistician and Engineering Applications	SCOPUS
CHANDLA ELLIS1, S. SARAN RAJ2, V. SARAN SINGH3, K.R. SAPTHAGIRIVAASAN4	Anisotropic Active Single Axis Solar Tracker using Machine Learning	Matemactical Statistician and Engineering Applications	SCOPUS
Elakkia E, NandiniB, Sneha S, Sneha S M4, Vishali L5	Uninterrupted Micro Grid Power Management System	Matemactical Statistician and Engineering Applications	SCOPUS
K. Naresh Kumar, S. Sahil Rahman,K. Selva Bharathi,M. Thamarai Selvan	POWER FACTOR IMPROVEMENT OF EV CHARGER USING LANDSMAN CONVERTER	Matemactical Statistician and Engineering Applications	SCOPUS
THIYAGESAN M1, AJAY KUMAR R2, ABISHEK 2, CHANDRASEKAR MM2, BALAVIGNESH S3	OPTIMAL INTEGRATED DESIGN OF STANDALONE SOLAR- WIND HYBRID POWER SYSTEM	Matemactical Statistician and Engineering Applications	SCOPUS
THIYAGESAN M , AVANTHIKA C , SHRILEKHA S , SWATHI R , BALAVIGNESH S	RASPBERRY PI 3 BASED SELF TROUBLESHOOTING GUIDE	Matemactical Statistician and Engineering Applications	SCOPUS

Jan 2020- Dec 2020, Volume 10, Issue-01

Y.Alexander Jeevanantham , R.Muthusundaram , Rahul kumar mohanty , G.Ranjith	APPLICATION OF ARDUINO FOR CURRENT SENSORLESS SELF REGULATED POWER FACTOR CORRECTION	Matemtical Statistician and Engineering Applications	SCOPUS
S Anita, T Mageesh ,R. Jayasree, B.V. Kamali,K. Niranjana	MPPT BASED HIGH GAIN BOOST CONVERTER FOR PV APPLICATIONS	Matemtical Statistician and Engineering Applications	SCOPUS
S.Balamurugan,Chandla Ellis,M.J.Suganya,L Annie Isabella	Design and modelling of a multi-carrier PWM-based cascaded H-bridge 5-level inverter for a grid connection system	Matemtical Statistician and Engineering Applications	SCOPUS
Ms. Sabari L Umamaheshwari, Amritha A, Jayasree E	Third Eye: A Device for visually impaired persons	Matemtical Statistician and Engineering Applications	SCOPUS
M S Kavitha, S. Mohammad Sajid, K. Pravin, J. Raahul	Wireless Power Transmission for Electric Vehicle	Matemtical Statistician and Engineering Applications	SCOPUS
Thiyagesan M, Balavignesh S,Dinesh Raj E, Dhanus Kumar K, Ahamed Basha N	Design of Smart Home Monitoring System Based on IOT and AWS	Matemtical Statistician and Engineering Applications	SCOPUS
Dr.Kavitha P, Kalaiarasan. A, Kishore Kumar B, Ganeshmoorthy G	Microcontroller based low power led driver with a soft switched sepic converter	Matemtical Statistician and Engineering Applications	SCOPUS
Y Sukhi, Y. Jeyashree, A Jenifer, A Fayaz Ahamed	Battery Charger using Bi-Directional DC-DC Converter	IEEE Xplore	SCOPUS

05.Placement

Name of the organization	No.of students Placed	Salary in Lakhs	Product / Core/ Service companies	Average Salary, Minimum Salary and Highest Salary for the Batch
ACCENTURE	1	4.5	Service	Minimum Salary - 2 Average Salary - 3.4 Highest Salary - 7
Avasoft	1	3	Service	
Avasoft	1	3	Service	
Ceasfire	1	2.5	Service	
CIKIT Electricals & Technology India vt Ltd	1	3	Service	
COGNIZANT	18	4	Service	
COMFOTECH	2	2.5	Service	
DXC Technologies	1	3	Service	
E-CON SYSTEMS_Software	1	4	Core	
Ernst & Young Global Ltd. (EY)	5	4.5	Service	
HCL_HARDWARE	3	3	Core	
Hexaware Technologies	2	3	Service	
INFOSYS	1	3.5	Service	
JUSTDIAL	1	2	Service	
KPIT	14	3.5	Core	
MINDTREE	1	3.5	Service	
MPHASIS	3	3.75	Service	
PRAMATI TECHNOLOGIES	1	3	Service	
Sri Maruthi Electronics	1	3	Service	
Sutherland (non Voice)	4	2	Service	
Sutherland (Voice Process)	3	2	Service	
TCS	1	7	Service	
TCS_NINJA	7	3.25	Service	
WIPRO	4	3.5	Service	
ZOHO (6.50LAKHS)	1	5	Product	

06.Higher Studies

Register Number	Name of the student	Institution	Specialization	Period of study
111716105011	Arul Selvan V	VIT University, Chennai	M.Tech, Automotive Electronics	2020-2022
111716105035	Guruprasanth S	Lovely Professional University, Punjab	MBA	2020-2022
111716105075	Prince N	ICAT Design & Media college, Chennai	PG	2020-2022
111716105062	Mega Shyam	Skill Lync, Chennai	PG	2020-2022
111716105038	Harish	SRM Institute of Technology and Science, Chennai	M.B.A.-Business Administration	2021-2023

07.Extracurricular Activities

Name of the student/Team members	Nature of the award	Institute d by	Details of the prize
Syed Mohamed Ibrahim, Yuvansankar,Santhiya G, Preetha R, Rahul kishore K S , Nithish Kumar	SIH Hardware Edition	MHRD	Rs 1,00,000
Jilani Basha Muntimagadu	Best Student	ISTE	Certificate

08. FDP Attended

Ms. Perarasi M	Arduino, Spoken Tutorial Project,	IIT Bombay	20.04.2020 to 24.04.2020	5
Dr. Anita S	OpenFOAM, Spoken Tutorial Project	IIT Bombay	20.04.2020 to 24.04.2020	5
Dr. Geetha Ramadas	Online training on examination reforms	IDC-AICTE	29.04.2020 to 02.05.2020	5
Dr. Sukhi Y	FDP on MATLAB Programming	NITTTR CHD	11.05.2020 to 15.05.2020	5
Mr. Alexander Jeevanantham	FDP on Modelling and Simulation Using MATLAB	NITTR	18.05.2020. to 22.05.2020	5
Ms.L.Annie Isabella	FDP on Modelling and Simulation Using MATLAB	NITTR	18.05.2020. to 22.05.2020	5
Mr.S.Balamurugan	FDP on Modelling and Simulation Using MATLAB	NITTR	18.05.2020. to 22.05.2020	5
Dr. Sukhi Y	FDP on Block Chain	NIT, Warangal	25.05.2020 to 29.05.2020	5
Mr.FayazAhamed A	FDP on Emerging Trends in Electric Vehicle Lightining & Automation	Veltech High Tech Engineering College	26.05.2020 to 30.05.2020	5
Mr. Alexander Jeevanantham	FDP on Emerging Trends in Electric Vehicle Lightining & Automation	Veltech High Tech Engineering College	26.05.2020 to 30.05.2020	5
Mr. K. Nareshkumar	FDP on Emerging Trends in Electric Vehicle Lightining & Automation	Veltech High Tech Engineering College	26.05.2020 to 30.05.2020	5
Mr. M.Thiyagesan	FDP on Emerging Trends in Electric Vehicle Lightining & Automation	Veltech High Tech Engineering College	26.05.2020 to 30.05.2020	5

Mr. M.Thiyagesan	FDTP "Leadership and TeamWork for performance Excellence"	NITTR	18.05.2020 to 22.05.2020	5
Ms.M.Vimala	FDP - 8051 Microcontroller and its Applications	NITTR	27.04.2020 to 01.05.2020	5
Ms.M.Vimala	FDP -Internet of Things	NITTR	15.04.2020 to 19.04.2020	5
Ms. E.Elakkia	FDP - 8051 Microcontroller and its Applications	NITTR	27.04.2020 to 01.05.2020	5
Ms. E.Elakkia	FDP -Internet of Things	NITTR	15.04.2020 to 19.04.2020	5
Ms. Sabari L Umamaheswari	FDP on Cybersecurity	ATAL AICTE	18.05.2020. to 22.05.2020	5
Mr.S.Balamurugan	AICTE Recognized FDP on Internet of Things	NITTR	15.04.2020 to 19.04.2020	5
Mr.S.Balamurugan	AICTE Recognized FDP on Teaching and Learning for Accrediation in Technical Education	NITTR	27.04.2020 to 01.05.2020	5
Mr.S.Balamurugan	AICTE Recognized FDP on Research oriented project work	NITTR	11.05.2020 to 15.05.2020	5
Mr.S.Balamurugan	AICTE Recognized FDP on Management skills for Professional teacher excellence	NITTR	25.05.2020 to 29.05.2020	5
L.Annie Isabella	Teaching and Learning for Accreditations in technical education	NITTR	27.04.2020 to 01.05.2020	5
L Annie Isabella	Fdp on Low power VLSI Design	NITTR	20.04.2020 to 24.04.2020	5
Ms.M.S.Kavitha	Emerging trends in Electric Vehicle, Lighting and Automation	NITTR	26.05.2020 to 30.05.2020	5
Ms.M.S.Kavitha	Modeling and Simulation using MATLAB	NITTR	18.05.2020 to 22.05.2020	5
Ms.M.S.Kavitha	Research trends in VLSI Design	NITTR	25.05.2020 to 29.05.2020	5

**Jan 2020- Dec 2020, Volume
10, Issue-01**

Ms.M.S.Kavitha	Research trends in VLSI Design	NITTR	25.05.2020 to 29.05.2020	5
Dr. P. Kavitha	FDP On "ROBOTICS"	ATAL-AICTE	25.05.2020 to 29.05.2020	5
Mr. Alexander Jeevanantham	Fdp on Renewable Energy Systems	RVS College of Engineering and Technology	01.06.2020 to 05.06.2020	5
Mr. K. Nareshkumar	Fdp on Renewable Energy Systems	RVS College of Engineering and Technology	01.06.2020 to 05.06.2020	5
Ms. M. Perarasi	Online STTP on IoT in Agriculture and Smart Farming	AICTE	16.11.2020 to 21.11.2020	6
Ms.M.Vimala	Online STTP on IoT in Agriculture and Smart Farming	AICTE	16.11.2020 to 21.11.2020	6
Dr. Geetha Ramadas	Examination Reforms by AICTE	AICTE	29.04.2020 to 02.05.2020	5
Dr. Geetha Ramadas	Universal Human Values	AICTE	10.05.2020 to 12.05.2020	3
Mr. M.Thiyagesan	FDTP ""Quantum Computing""	ATAL -AICTE	01.06.2020 to 05.06.2020	5
Naresh Kumar K	ENERGY MANAGEMENT SYSTEMS	ATAL -AICTE	08.06.2020 to 13.06.2020	5
Naresh Kumar K	Advances in Electrical & Electronics Engineering	ATAL -AICTE	18.072020 to 22.07.2020	5
Ms.M.S.Kavitha	Real world Applications of Microcontrollers	NITTR	15.06.2020 to 19.06.2020	5
Ms.M.S.Kavitha	Advanced concepts for developing MOOCs	Bosch	02.07.2020 to 17.07.2020	14
Ms.Jenifer.A	FDP on Recent Trends in Embedded Systems and Computational Intelligence	IEI	14.09.2020 to 18.09.2020	5
Ms. E.Elakkia	FDP on Recent Trends in Embedded Systems and Computational Intelligence	IEI	14.09.2020 to 18.09.2020	5

Ms.M.S.Kavitha	Research trends in VLSI Design	NITTR	25.05.2020 to 29.05.2020	5
Dr. P. Kavitha	FDP On "ROBOTICS"	ATAL-AICTE	25.05.2020 to 29.05.2020	5
Mr. Alexander Jeevanantham	Fdp on Renewable Energy Systems	RVS College of Engineering and Technology	01.06.2020 to 05.06.2020	5
Mr. K. Nareshkumar	Fdp on Renewable Energy Systems	RVS College of Engineering and Technology	01.06.2020 to 05.06.2020	5
Ms. M. Perarasi	Online STTP on IoT in Agriculture and Smart Farming	AICTE	16.11.2020 to 21.11.2020	6
Ms.M.Vimala	Online STTP on IoT in Agriculture and Smart Farming	AICTE	16.11.2020 to 21.11.2020	6
Dr. Geetha Ramadas	Examination Reforms by AICTE	AICTE	29.04.2020 to 02.05.2020	5
Dr. Geetha Ramadas	Universal Human Values	AICTE	10.05.2020 to 12.05.2020	3
Mr. M.Thiyagesan	FDTP ""Quantum Computing""	ATAL -AICTE	01.06.2020 to 05.06.2020	5
Naresh Kumar K	ENERGY MANAGEMENT SYSTEMS	ATAL -AICTE	08.06.2020 to 13.06.2020	5
Naresh Kumar K	Advances in Electrical & Electronics Engineering	ATAL -AICTE	18.072020 to 22.07.2020	5
Ms.M.S.Kavitha	Real world Applications of Microcontrollers	NITTR	15.06.2020 to 19.06.2020	5
Ms.M.S.Kavitha	Advanced concepts for developing MOOCs	Bosch	02.07.2020 to 17.07.2020	14
Ms.Jenifer.A	FDP on Recent Trends in Embedded Systems and Computational Intelligence	IEI	14.09.2020 to 18.09.2020	5
Ms. E.Elakkia	FDP on Recent Trends in Embedded Systems and Computational Intelligence	IEI	14.09.2020 to 18.09.2020	5

Ms. E.Elakkia	Online FDP On "Electric Vehicles"	ATAL -AICTE	5.10.2020 to 9.10.2020	5
Ms.Chandla Ellis	NITTTR one week on line FDP on Research Trends in VLSI Design	NITTTR	25.05.2020 to 29.05.2020	5
Ms.Chandla Ellis	"Smart Grid Tool for Assessing Power System Performance"	RMKEC	10.07.2020	1
Y.SUKHI	FDP on Understanding Project Management Basics	NITTTR CHD	08.06.2020 to 12.06.2020	5
Y.SUKHI	FDP on Employability Skills for Industry 4.0,	NITTTR CHD	12.10.2020 to 16.10.2020	5
Dr. S. Anita	ATAL Online FDP on IoT	ATAL -AICTE	19.10.2020 to 23.10.2020	5
Mr.S.Balamurugan	FDP on LMS, Virtual Teaching and OBE Software for Engineering colleges	Vmedulife software services	20.08.2020	1
Ms. Sabari L Umamaheswari	Workshop on Universal Human Values	AICTE	21.09.2020 to 25.09.2020	5
Ms. Sabari L Umamaheswari	FDP on Recent trends in Electrical Engineering	Vishnu Institute of technology	08.06.2020 to 12.06.2020	5
Mr.S.Balamurugan	FDP on "New Pedagogies: Creative Learning & Creative Teaching – A Futuristic Approach"	Dashmesh Khalsa College, Zirakpur	20.06.2020 to 24.06.2020	5
Mr.S.Balamurugan	FDP on "Applications of Power Electronics for Renewable Energy and Power systems"	Rajalakshmi Engineering college, Thandalam	23.06.2020 to 25.06.2020	3
Mr.S.Balamurugan	FDP on Outcome based learning	Vmedulife software services	11.06.2020	1
Ms. M. Perarasi	FDP on "Internet of Things (IoT)"	ATAL -AICTE	30.11.2020 to 04.12.2020	5

9.Funded Project

Name of the faculty	From	To	Description	Industry	Fund Generated (Rs)
Y Sukhi	01-09-2020	31-01-2021	PV Based Rechargeable LED UV Sterilizer Lamp	-	1,00,000

10.Conference/ Workshop / FDP Organised

Name of the Event	From Date	To Date	No of External Participants	No of Internal Participants	Sponsored Agency if any
Webinar on Electric vehicle modeling and simulation using MATLAB	25.04.2020	-	-	2022 Batch EEE Students	RMKEC
Webinar on Building Automation Using Direct Digital Control	02.05.2020	-	-	2023 Batch EEE Students	RMKEC
Webinar on How to become a market ready Graduate post Covid-19 Pandemic	05.05.2020	-	-	2023 Batch EEE Students	RMKEC
Webinar on Role of Artificial Intelligence in making Health care system smarter	06.05.2020	-	-	2022 Batch EEE Students	RMKEC
Webinar on Augmented Reality and Virtual Reality	15.05.2020	-	-	2022 Batch EEE Students	RMKEC
Webinar on Human Resources 2.0	22.05.2020	-	-	2022 Batch EEE Students	RMKEC
Webinar on Skillset For effective Class Room Teaching	23.05.2020	-	-	2022 Batch EEE Students	RMKEC
Webinar on Edge Artificial Intelligence	25.05.2020	-	-	2022 Batch EEE Students	RMKEC
Webinar on Introduction to IoT cloud platform and data analytics using python	26.05.2020	-	-	22	RMKEC
Webinar on Analyse data using Python	28.05.2020	-	-	2023 Batch EEE Students	RMKEC
Webinar on Industrial applications of electric drives	29.05.2020	-	-	2023 Batch EEE Students	RMKEC

Jan 2020- Dec 2020, Volume 10, Issue-01

Webinar on Edge computer vision System with nvidia jetson Platform	31.05.2020	-	-	2022 Batch EEE Students	RMKEC
Webinar Series On Electric Vehicle Trends --The Challenge Landscape Of Automotive Industry	01.06.2020	06.06.2020	-	2022 Batch EEE Students	RMKEC
Webinar Series On Modern Trends In Power System Engineering	08.06.2020	14.06.2020	-	2022 Batch EEE Students	RMKEC
Webinar Series On Introduction To Partial Differential Equations	15.06.2020	19.06.2020	-	2023 Batch EEE Students	RMKEC
Webinar Series On Basics Of Electronics	15.06.2020	19.06.2020	-	2023 Batch EEE Students	RMKEC
Webinar Series On Role Of Digital Signal Processing For Electrical Engineering	15.06.2020	19.06.2020	-	2023 Batch EEE Students	RMKEC
Webinar Series On Basics Of Magnetic Circuits And Their Applications To Energy Conversion	22.06.2020	26.06.2020	-	2023 Batch EEE Students	RMKEC
Webinar Series On Introduction To Digital Systems	22.06.2020	26.06.2020	-	2023 Batch EEE Students	RMKEC
Webinar Series On Recent Trends In Power System	22.06.2020	26.06.2020	-	2023 Batch EEE Students	RMKEC
Webinar Series On Review Of Switching Concepts And Power Semiconductor Devices With Matlab-Simulink Software	22.06.2020	26.06.2020	-	2023 Batch EEE Students	RMKEC

**Jan 2020- Dec 2020, Volume
10, Issue-01**

Webinar Series On Basics Of Power System Operation	22.06.2020	26.06.2020	-	2022 Batch EEE Students	RMKEC
Webinar Series On Introduction To Electromagnetics	29.07.2020	03.07.2020	-	2023 Batch EEE Students	RMKEC
Webinar Series On Recent Trends In Power Plant	29.07.2020	03.07.2020	-	2023 Batch EEE Students	RMKEC
Webinar Series On Recent Trends In Power System	29.07.2020	03.07.2020	-	2023 Batch EEE Students	RMKEC
Webinar Series On Enhancements Of Embedded Microprocessors And Microcontrollers And Software Simulation In Educational Context	29.07.2020	03.07.2020	-	2022 Batch EEE Students	RMKEC
Webinar Series On Recent Trends In Power System	22.06.2020	26.06.2020	-	2022 Batch EEE Students	RMKEC
Webinar Series On RES	29.07.2020	01.07.2020	-	2022 Batch EEE Students	RMKEC
Webinar Series On Transformation Techniques Using Signals(Z Transform)	06.07.2020	10.07.2020	-	2023 Batch EEE Students	RMKEC
Webinar Series On Concept & Its Applications Of Motion, Proximity & Ranging Sensor	06.07.2020	10.07.2020	-	2023 Batch EEE Students	RMKEC
Webinar Series On C Programming For Electrical Engineers	07.07.2020	11.07.2020	-	2022 Batch EEE Students	RMKEC
Webinar Series On Performance Analysis And Testing Of Transformers	13.07.2020	17.07.2020	-	2024 Batch EEE Students	RMKEC
Webinar Series On Introduction To Combinational Logic Circuits	13.07.2020	17.07.2020	-	2024 Batch EEE Students	RMKEC
Webinar On Analysis Of Phase-Controlled Converters With Matlab-Simulink Software	13.07.2020	17.07.2020	-	2023 Batch EEE Students	RMKEC
Webinar On Java For Electrical Engineers-II	14.07.2020	17.07.2020	-	2023 Batch EEE Students	RMKEC
Webinar Series On Basic Concepts And Principles Of Total Quality Management	14.07.2020	18.07.2020	-	2022 Batch EEE Students	RMKEC
Webinar Series On Effect Of Electromagnetic Field	21.07.2020	24.07.2020	-	2024 Batch EEE Students	RMKEC
Webinar Series On Air Standard Cycles And Gas-Diesel Power Plant	20.07.2020	24.07.2020	-	2024 Batch EEE Students	RMKEC
Webinar Series On High Voltage Engineering	20.07.2020	25.07.2020	-	2022 Batch EEE Students	RMKEC
Webinar On Introduction To Human Rights	21.07.2020	28.07.2020	-	2022 Batch EEE Students	RMKEC

11.PATENT

Name of the Applicants	Name of the Inventors	Title	Application no. & patent filed Date	Current Status
Ms.Chandla Ellis	Ms.Chandla Ellis	IOT Based Intelligent Solar Water Heater	202041030263 16/07/2020	Application Published 07/08/2020
Ms. M.S. Kavitha	Ms. M.S. Kavitha	IoT Based Smart Wearable Social Distancing Alert System	202041042946 02/10/2020	Application Published 09/10/2020
RMK Engineering College	Dr. Y. Sukhi Dr. GeethaRamadas	Led Driver Having Long Lifespan	202041044203 10/10/2020	Application Published on 11/11/2022

12. Faculty Achievement

Name of the Faculty	Nature of the award	Instituted by
Ms.M.Vimala	Best Energy Professional Conservator	IEI Thiruvallur Local chapter
Dr.Y.Sukhi	Research Leadership Award	RULA

13.Consultancy

Name of the faculty	From	To	Description	Industry	Fund Generated
T.Magesh, Mr.Alexander Jeevanantham, MS.A.Jenifer & Ms.E.Elakkia,M. Thiyagesan	23.6.2020	13.10.2020	Design and Development of controller for BLDC fan for grid and PV	MAXX Energy	80,000
Sabari L Umamageshwari, Ms.A.Jenifer,Mr.Narresh Kumar,Fayaz Ahmeed, Dr. Geetha Ramadas	18.8.2020	2.2.2021	Extending Shelf life of food by Microbial inactivation using continous and flash process based on ohmic heating technique	Vidhar Enterprises, Ambattur	50,000
Dr.Geetha Ramadas, Dr.T.Magesh, Ms. Chandla Elis, Ms. M.Vimala, Ms.M.Perarasi, Ms.E.Elakkia	18.9.2020	10.3.2021	Photovoltaic Driven High-Precision Temperature control laboratory Peltier cooler	Vidhar Enterprises, Ambattur	50,000
Dr.S.Anita, Ms.M.S.Kavitha, S,Balamurugan,	27.11.2020	6.3.2021	Robotic cubes for intellectual stimulation of kids	VRSavvy	30,000
Dr. Y.Sukhi	21.09.2020	18.03.2021	Web Based Smart Mailbox	Kirubai Foundation	40,000