



# R.M.K. COLLEGE OF ENGINEERING & TECHNOLOGY

R.S.M. NAGAR, PUDHUVAYAL – 601 206



Department of Electrical and Electronics Engineering

Academic year: 2021-2022

## Faculty Activities

S. No	Name of the Faculty	Name of the Conference/ Workshop/ Webinars	Venue	National / International	From (Date)	To (Date)
1	Dr. N Kalaiarasi	One day Inaugural program of RMKCET NDLI Club and Awareness on NDLI	NDLI	National	15.06.2021	-
2	Dr. N Kalaiarasi	One Day Webinar on “The more you Learn The more you Earn	RMKCET – EEE	National	16.06.2021	-
3	Dr. N Kalaiarasi	One Day Webinar on “The more you Learn The more you Earn	RMKCET – EEE	National	16.06.2021	-
4	Dr. N Kalaiarasi	Effect of NEP on Youth Empowerment and Sports Development	RMKCEtT	National	4.08.21	-
5	Dr. N Kalaiarasi	AICTE-NEAT session Topic: “Industry Connect: Opportunities for Institutes to Collaborate with Industries”	AICTE-NEAT	National	22.07.2021	-
6	Dr. N Kalaiarasi	Webinar on National Education Policy	RMKCET	National	02.08.2021	06.08.2021
7	Dr. N Kalaiarasi	One day Seminar on “The Roadmap for Quality Research”	Department of CSE & Research cell - RMKCET	National	20.07.2021	-
8	Mr. K.Gunalan	Solar Cell : Modeling and Simulation	Department of Electrical and	National level	23-07-2021	-

			Electronics Engineering, SSN College of Engineering, Chennai in Association with the Institution of Engineers (India)			
9	Mr. K.Gunalan	Developing DC-DC Converter Control in Simulink	MATHWORKS	International	20-07-2021	
10	Mr. K.Gunalan	Design thinking and innovation leading to successful Entrepreneurship	ECE Dept, RMKCET	National	3-4-2021	-
11	Mr. K.Gunalan	Gait Analysis	North East Centre for Biological Sciences and Healthcare Engineering, Indian Institute of Technology Guwahati, Assam	National	03-02-2021	-
12	Dr. T.J Catherine	Journal Citation Reports (JCR) Training & Certification Program 2021 - Part 1	Clarivate, WoS	International	15.06.2021	-
13	Dr. T.J Catherine	Journal Citation Reports (JCR) Training & Certification Program 2021 - Part 2	Clarivate, WoS	National	20.06.2021	-
14	Dr. T.J Catherine	NDLI inauguration	RMKCET	National	15.06.2021	-
15	Dr. T.J Catherine	Webinar AICTE Quality Initiatives.	AICTE SLA	National	25.06.21	-
16	Dr. T.J Catherine	Stress Management	Madras Chamber of Commerce	National	07.07.21	-
17	Dr. T.J Catherine	Talk on National Education Policy 2020	AICTE	National	13.07.2021	-
18	Dr. T.J Catherine	Developing DC-DC Converter Control in Simulink	Mathworks	International	13.07.2021	-

19	Dr. T.J Catherine	JCR 2021-Overview Sessions 1&2	Clarivate, WoS	National	13.07.2022	-
20	Dr. T.J Catherine	Stepping into the Digitally Creative World	Adobe Essential Education	International		-
21	Dr. T.J Catherine	Virtual Launch event of Learnathon 2021	ICT Academy	National	15.07.2021	-
22	Dr. T.J Catherine	Soft Computing Techniques	AICTE	National	15.07.2022	-
23	Dr. T.J Catherine	Using MATLAB with Python	Mathworks	International	15.07.2023	-
24	Dr. T.J Catherine	Enriching Engineering Education through experiential, collaborative and social learning	AICTE	National	23.07.2026	-
25	Dr. T.J Catherine	Lean Six Sigma for Enhancing Service Quality	DELNET	National	29.07.2021	-
26	Dr. T.J Catherine	Fresh Look, New Features - What's new on the New Web of Science?	Clarivate	National	02.08.2021	-
27	Dr. T.J Catherine	B.Tech Major Projects for New Product Development Startups	AICTE	National	12.08.2021	-
28	Dr. T.J Catherine	IEEE Authorship and Open Access Symposium: Best Practices to Get Published to Increase the Exposure and Impact of Your Research	IEEE	International	26.08.2021	-
29	Dr. T.J Catherine	AICTE Quality Initiatives	AICTE	National	27.08.2021	-
30	Dr. T.J Catherine	Best Practices in Knowledge Management	DELNET	International	28.08.2021	-
31	Dr. T.J Catherine	Materials Science for Present & Future Technology	AICTE	National	09.09.2021	-
32	Dr. T.J Catherine	Enhancing Public Speaking Skills	CENTA	National	09.09.2021	-
33	Dr. T.J Catherine	Virtual Learning Series for Educators, by Educators		National	17.09.2021	-
34	Dr. Bindu K V	"Energy audit and savings potential in key industry and case studies	Er. Paneer Selvam Rtd TNEB	National	07.01.2021	-

35	Dr. Bindu K V	“Learning Experience”	Dr. Sanjay Singh V.M.K.V Engineering College	National	05.02,2021	-
36	Dr. Bindu K V	“Best Practices used in my virtual session”	Dr. C. Bennila Thangammal, R.M.D Engineering College	National	06.02.2021	-
37	Dr. Bindu K V	“Online Etiquettes for Teaching and Learning”,	by Prof . Preeti Mahajan, Professor, Department of Library and Information Science, Punjab University	National	01.05.2021	-
38	Dr. Bindu K V	“Energy 999 Challenge”,	Dr. L Ramesh, President, IGEN Club	National	04.05.2021	-
39	Dr. Bindu K V	“Models of Technology enabled learning and Technology in Education”	NITTT - Module 5 - Technology Enabled Learning	National	08.05.2021	-
40	Dr. Bindu K V	“PWM Converters for Renewable Energy Sources”,	Mandsaur University	National	01.05.2021	-
41	Dr. Bindu K V	“IoT in Medical Devices”,	Mr. Raghavendra, Director, CTS	National	19.05.2021	-
42	Dr. Bindu K V	“ARDUINO-IOT Technology”,		National	28.05.2021	-
43	Dr. Bindu K V	Communicating in the Virtual World	Ms. Kamitha Jairaj, Lab Engagement lead, IBM India Pvt Ltd	National	03.06.2021	-
44	Ms. Nageswari D	PWM Converters for Renewable Energy Sources	Mandsaur University, Mandsaur	National	01.05.2021	-
45	Ms. Nageswari D	Live Webinar Session – NITTT – Module 5 – Technology Enabled Learning & Life – Long Self Learning	NITTT	National	24.04.2021	-

46	Ms. Nageswari D	Webinar on - Interlinking of UNSDGs and Green Educational Campuses through 'Not Zero Net Zero'	ASSOCHAM GEM Green Building Council, ASSOCHAM Education Council, TERRE Policy Center and Paryavaran Sanrakshan Group	National	10.06.2021	-
47	Ms. Nageswari D	One day Inaugural program of RMKCET NDLI Club and Awareness on NDLI	NDLI	National	15.06.2021	-
48	Ms. Nageswari D	One Day Webinar on "The more you Learn The more you Earn"	RMKCET – EEE	National	16.06.2021	-
49	Ms. Nageswari D	one day Workshop on "Healthy Stretches"	RMKCET Yoga club	National	21.06.2021	-
50	Ms. Nageswari D	Online webinar session on "Stress Management"	MCCI	National	07.07.2021	-
51	Ms. Nageswari D	One day Seminar on "The Roadmap for Quality Research"	Department of CSE & Research cell - RMKCET	National	20.07.2021	-
52	Ms. Nageswari D	AICTE-NEAT session Topic: "Industry Connect: Opportunities for Institutes to Collaborate with Industries"	AICTE-NEAT	National	22.07.2021	-
53	Ms. Nageswari D	Webinar on National Education Policy	RMKCET	National	02.08.2021	06.08.2021
54	Mr. K.Dilavar Basha	Technical Innovations in Electrical and Avionics field	RMKCET	National	27.4.2021	-
55	Mr. K.Dilavar Basha	Cognizant Digital Nurture -webinar	Cognizant	National	20.5.2021	-
56	Mr. N Hariharan	Participated in the International Webinar entitled 5GNetwork and its Real Time Applications in India (IW5GNRI'20)		National	19.12.2020	-

57	Mr. N Hariharan	Attended a online webinar on entrepreneurship development by Mr.Vimal Thiyagrajan		National	07-04-21	-
58	Mr. N Hariharan	Technical Innovations in Electrical and Avionics field	RMKCET	National	27.4.2021	-
59	Mr. N Hariharan	Cognizant Digital Nurture -webinar	Cognizant	National	20.5.2021	-
60	Mr. N Hariharan	Attended Guest Lecture conducted by Mr. Koushika R Associate, Cognizant.Titled - Machine learning and AI on 22.05.2021, 11.00 am to 12.00 noon	Cognizant	National	22-05-2021	-
61	Ms. Geethamahalakshmi G	PWM Converters for Renewable Energy Sources	Mandsaur University, Mandsaur	National	01.05.2021	-

### **FACULTY DEVELOPMENT PROGRAM**

<b>S. No:</b>	<b>Name of the Faculty</b>	<b>Name of the FDP</b>	<b>Organizer</b>	<b>National / International</b>	<b>From (Date)</b>	<b>To (Date)</b>
1	Dr.N.Kalaiarasi	Green Technology for Sustainable Life: Indian Perspective	NIT Silchar	National	19.07.21	23.07.21
2	Dr.N.Kalaiarasi	Opportunity and Challenges for Electrical Vehicles in the Automotive	NIT Srinagar.	National	26.07.21	30.07.21
3	Mr. Gunalan K	“Energy and Environmental Management”	NITTTR Chennai	National Level Online Faculty Development Program	26-07-2021	30-07-2021
4	Mr. Gunalan K	Interactive Approaches in Handling Renewable	Department of Electrical and Electronics Engineering, SSN College of Engineering	National Level Online Faculty Development Program	29-06-2021	02-07-2021
5	Mr. Gunalan K	Energy Systems Laboratory for the New Normal	DEPARTMENT OF INFORMATION TECHNOLOGY	National Level Online Faculty Development Program	14-06-2021	18-06-2021
6	Mr. Gunalan K	learner oriented teaching method	IPS College of Technology and Management, Gwalior , MP- AICTE-ISTE	National	07-04-2021	13-04-2021
7	Mr. Gunalan K	Solar PV System Design Using IoT (Phase - II)	Sri Venkateswara College of Engineering, AICTE-ISTE	National	31-03-2021	08-04-2021
8	Mr. Gunalan K	Solar PV System Design Using IoT (Phase - I)	Sri Venkateswara College of Engineering, AICTE-ISTE	National	03-03-2021	09-03-2021

9	Mr. Gunalan K	MATLAB and It's Applications	Sri Balaji College of Engineering and Technology, Jaipur - TEQIP-III	National	4-1-2021	8-1-2021
10	Dr T J Catherine	Online Resources and Social Media Learning"	NITTTR Chennai	National	28.12.2020	01.01.2021
11	Dr T J Catherine	Electrical & Computer Engineering	NIT, Raipur	National	04.01.2021	08.01.2021
12	Dr T J Catherine	Question Paper Authoring & Student Evaluation	NITTTR Chennai	National	18.01.2021	22.01.2021
13	Dr T J Catherine	Control Systems & Sensors Technology	NIT Calicut	National	01.02.2021	05.02.2021
14	Dr. T J Catherine	Learner Oriented Teaching Method	AICTE-ISTE	National	07.04.2021	13.04.2021
15	Dr T J Catherine	Intellectual Property Rights for Academicians	JIT, Nagpur	International	05.06.2021	
16	Dr T J Catherine	RESEARCH INNOVATIONS AND EMERGING ADVANCES IN ELECTRICAL ENGINEERING	Easwari Engineering College	International	14.06.2021	19.06.2021
17	Dr T J Catherine	Power Electronics	AU sponsored, Kumaraguru College	National	21.06.2021	26.6.2021
18	Dr T J Catherine	Examination Reforms	AICTE	National	28.06.2021	30.06.2021
19	Dr T J Catherine	TWO DAY ONLINE WORKSHOP ON RESEARCH FOR ACADEMIC EXCELLENCE	SRM Institute of Science and Technology	National	22.07.2021	23.07.2021
20	Dr T J Catherine	Smart Grid And Sustainable Energy Management In Virtual Power Plants	BYJU's sponsored Sathyabama Deemed to be University	National	26.07.2021	31.07.2021



21	Dr T J Catherine	AICTE Students Learning Assessment (PARAKH)	AICTE-CIDC	National	09.01.2022	01.02.2022
22	Dr T J Catherine	Digital Teaching Techniques	ICT Academy	National	24.01.2022	29.01.2022
23	Dr T J Catherine	EE8601-Solid State Drives	CFD Anna University & UCET	National	31.01.2022	05.02.2022
24	Mr. Umasankar L	Advances in optical Communication	AICTE STC	National	27.01.2022	02.02.2022
25	Mr. Umasankar L	Effective curriculum Implementation	AICTE FDP	National	09.08.2021	13.08.2021
26	Mr. Umasankar L	Restructured Power system operation and planning	IEEE Bombay sponsored FDP	National	23.08.2021	28.08.2021
27	Mr. Umasankar L	Embedded C programming of Microcontroller	AICTE FDP	National	16.08.2021	20.08.2021
28	Dr. Bindu K V	“Energy audit Process in Industries – A Practical Approach”	Kalasalingam Academy of Research and Education	National	07.01.2021	13.01.2021
29	Ms.Nageswari D	AICTE - AQIS Sponsored STTP, Six days Online FDP on “Behavioral Remodeling for Enhancing Classroom Delivery of Teachers”	Dr. Ambedkar Institute of Technology, Karnataka	National	04.01.2021	09.01.2021
30	Ms.Nageswari D	AICTE Sponsored STTP on “Electric Vehicle Technology”	Panimalar Institute of Technology	National	03.05.2021	08.05.2021
31	Ms.Nageswari D	Two Weeks Online FDP on “Applications of Machine Learning & Deep Learning in Electrical Engineering – series II	Kamaraj College of Engineering and Technology	National	24.05.2021	05.06.2021
32	Ms.Nageswari D	Three days Faculty Development Program on “Women Empowering Women”	RMKCET – CSE Department.	National	24.06.2021	26.06.2021
33	Ms.Nageswari D	Two-Day Faculty Development On Renewable Energy Conversion Technologies	SRM TRP Engineering Colleg	National	09.07.2021	10.07.2021

34	Ms.Nageswari D	International Workshop on “Natural Inspired Computing Applied to Engineering	IEEE CIS Madras Chapter in association with Sri Sairam Engineering College	International	23.07.2021	26.07.2021
35	Ms.Nageswari D	Three Days FDP on “Enriching Research Methodologies, Effective Journal Publications and Proposal Drafting”	RMKCET – ECE Departmen	National	26.07.2021	28.07.2021
36	Mr. Dilavar Basha K	5 Days FDP on " System Engineering" by ATAL--MAULANA AZAD NATIONAL INSTITUTE OF TECHNOLOGY BHOPAL.	AICTE--ATAL	National	21.05.2021	25.05.2021
37	Mr. Hariharan N	One day Faculty Development Programme on “Mitsubishi Electric SCADA” will be conducted by MITSUBISHI ELECTRIC INDIA PVT LTD	MITSUBISHI ELECTRIC INDIA PVT LTD	COE	23.07.2021	
38	Ms.Geethamahalakshmi G	AICTE - AQIS Sponsored STTP, Six days Online FDP on “Behavioral Remodeling for Enhancing Classroom Delivery of Teachers”	Dr. Ambedkar Institute of Technology, Karnataka	National	04.01.2021	09.01.2021
39	Ms.Geethamahalakshmi G	DST Sponsored Women Entrepreneurship Development Programme	Sri Venkateswara College of Engineering	National	15.02.2021	15.03.2021

### **ONLINE CERTIFICATION COURSE**

S.No.	Name of the Faculty	Details	Dates
1	Dr.N.Kalaiarasi	Module 7 - Creative Problem-Solving Innovation and Meaningful R&D - NITTT	
2	Dr.N.Kalaiarasi	NITTT Module 8	
3	Mr.K.Gunalan	NITTT – Module 5 – Technology Enabled Learning & Life – Long Self Learning	24.04.2021
4	Mr.K.Gunalan	Module 7 - Creative Problem-Solving Innovation and Meaningful R&D - NITTT	24.04.2021

5		NPTEL- Smart Grid	December 2020
6	Dr. Catherine T J	"Build a Face Recognition Application Using Python" as a part of AI-for-India Event by GUVI an IIT Incubated Company jointly with AICTE	25.04.2021
7	Dr. Catherine T J	Guinness world Record Event of online computer programming lesson in 24 hours	24.04.2021-25.04.2021
8	Dr. Catherine T J	AICTE Online Orientation Training Programme for Mentors	June 2021
9	Dr. Catherine T J	Module-6 Student Assessment and Evaluation by NITTTR	April-June 2021
10	Dr. Catherine T J	Module 7 - Creative Problem-Solving Innovation and Meaningful R&D by NITTTR	April-June 2021
11	Dr. Bindu K V	"Introduction to Interpersonal Skills", Alisons Courses Empower yourself during February 2021.	Feb 2021
12	Ms. Nageswari D	"Build a Face Recognition Application Using Python in GUVI Geek Network Private Limited"	24.04.2021
13	Ms. Nageswari D	"The Guinness World Record Event – Most users to take an online computer programming lesson in 24 hours" in GUVI Geek Network Private Limited	24.04.2021
14	Ms. Nageswari D	Module 3 - Communication Skills Modes & Knowledge Dissemination	April-June 2021
15	Ms. Nageswari D	Module 5 - Technology Enabled Learning & Life-Long Self Learning	April-June 2021
17	Ms Geethamahalakshmi G	Successfully completed NPTEL online certification on "Effective Engineering Teaching in Practice"	March 2021
18	Ms Geethamahalakshmi G	Successfully Completion of "Build a Face Recognition Application Using Python in GUVI Geek Network Private Limited"	24.04.2021
19	Ms Geethamahalakshmi G	Module 3 - Communication Skills Modes & Knowledge Dissemination	April-June 2021
20	Ms Geethamahalakshmi G	Module 5 - Technology Enabled Learning & Life-Long Self Learning	April-June 2021
21	Ms Geethamahalakshmi G	Successfully Completed participating in "The Guinness World Record Event – Most users to take an online computer programming lesson in 24 hours" in GUVI Geek Network Private Limited	24.04.2021
22	Mr.Hariharan N	Module 5 - Technology Enabled Learning & Life-Long Self Learning-NITTT	Apr-may 2021
23	Mr.Hariharan N	Module 3 - Communication Skills Modes & Knowledge Dissemination-NITTT	Apr-may 2021
24	Mr.K.Dilavar Basha	Module 5 - Technology Enabled Learning & Life-Long Self Learning-NITTT	April 2021
25		Module 3 - Communication Skills Modes & Knowledge Dissemination-NITTT	