

## MCET KEYSIGHT CENTRE FOR RF COMMUNICATION SYSTEMS

S.No	Name of the Activity	Beneficiary	No.of Beneficiaries	Facilitator/Expert/Faculty	Duration	From	To	Impact
1.	Design of RF components for wireless communication and Basics of Computer Networks	NPT Students	18	Ms.R.Sherine Jenny, AP(SS) Ms.N.Sugirtham Ms.S.Thilagavathi Mr.M.Nithyakumar Assistant Professors ECE Department	2 days	10.08.2023	12.08.2023	Obtained skillset and earned extra credit course
2.	Fundamentals of IoT and RF Communication	MCET Students	5	Ms.T.Sathiyapriya, AP/ECE	One week	26-06-2023	30-06-2023	Learnt RF Circuit design
3.	Electronic Circuit Design using ADS	MCET Students	26	Ms.T.Sathiyapriya, AP/ECE	1 Semester	2023-2024 ODD		One credit course
4.	Seminar on 5G Technologies	MCET Students	70	Mr.Dinesh N Mr.Gowtham C Senior QA Engineer, VVDN Technologies	1 day	23.03.2023	23.03.2023	Got insight 5G Specifications
5.	VAC on Design of RF Components and wireless antennas using ADS	NPTC students	9	Ms.T.Sathiyapriya Ms. S.Thilagavathi Ms.S.Abiramasundari Assistant Professors ECE department	2 days	29.10.2022	31.10.2022	Skilled with fundamental antenna design

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6.	VAC RF Circuit and Antenna Design using ADS	MCET Students	23	Ms.T.Sathiyapriya Ms. S.Thilagavathi Ms.K.C.Rajarajeshwari Ms.C.Gokila Assistant Professors ECE department	2 days	28.10.20 22	1.11.2022	Got skillset on RF circuit and antenna design in ADS
7.	Seminar on Design of High Gain Antenna Variants for Satellite Communication	MCET Students	54	Dr.Gulam Nabi Alsath, SSN College of Engineering, Chennai	1 day	29.07.20 22	29.07.2022	Got insight on various antenna design
8.	Design and Analysis of Microwave Circuits and Devices	MCET STUDENTS	8	Ms.T.Sathiyapriya, Ms.S.Thilagavathi Ms.K.C.Rajarajeshwari ECE,MCET	8 Weeks	Feb 2023	March 2023	Got skillset on RF circuit and antenna design in ADS
9.	Electronic Circuit Design using ADS	MCET Students	31	Ms.T.Sathiyapriya AP/ECE	1 Semester	June 2022 to Nov 2022		One Credit Course
10.	Electronic Circuit Design using ADS	MCET Students	26	Ms.T.Sathiyapriya AP/ECE	1 Sem	June 2022 to Nov 2022		One Credit Course
11.	RF Circuit and Antenna Design using ADS	MCET Students	23	Ms.T.Sathiyapriya Ms. S.Thilagavathi Ms.K.C.Rajarajeshwari	2 days	12.05.20 22	13.05.2022	Obtained skillset and

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								earned extra credit course
12.	Electronic Circuit Design using ADS	MCET Students	31	Ms.T.Sathiyapriya AP/ECE	1 Sem	June 2021 to Nov 2021		One Credit Course
13.	Electronic Circuit Design using ADS	MCET Students	26	Ms.T.Sathiyapriya AP/ECE	1 Sem	June 2021 to Nov 2021		One Credit Course
14.	VAC	MCET Students	30	Ms.T.Sathiyapriya AP/ECE	2 days	09.03.2021	10.03.2021	Got skillset on RF circuit and antenna design
15.	Electronic Circuit Design using ADS	MCET Students	25	Ms.T.Sathiyapriya AP/ECE MCET	1 Sem	June 2020 to Nov 2020		One Credit Course
16.	RF Circuit Design using ADS	MCET Students	27	Ms.S.Thilagavathi AP/ECE MCET	1 Sem	June 2020 to Nov 2020		One Credit Course

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17.	Electronic Circuit Design using ADS	MCET Students	25	Ms.T.Sathiyapriya AP/ECE MCET	1 Sem	Jan 2021 to June 2021		One Credit Course
18.	RF circuit and antenna design using ADS	MCET Students	32	M Mr.K.Dhinesh Ms.D.Reka AP/ECE MCET	2 days	05.08.2019	06.08.19	Got skillset on RF circuit and antenna design
19.	Workshop on RF System Design for Wi-Fi/Bluetooth Applications using ADS Tool	External and MCET Students	10	Mr.K.Dhinesh AP/ECE MCET	1 day	25.09.2019	25.09.2019	Got knowledge on RF system design
20.	Electronic Circuit Design using ADS	MCET Students	28	Mr.K.Dhinesh AP/ECE MCET		June 2019 Nov 2019		One Credit Course
21.	Design and Analysis of Microstrip patch Antenna for Wireless Applications	MCET Students	36	Mr.K.Dhinesh AP/ECE	2 days	04.10.2018	05.10.2018	Learnt various antenna design

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22.	Workshop on CMOS RF Receiver Front End Design using CADENCE and ADS EDA Tools	External and MCET Students	18	Mr.K.Dhinesh Ms.D.Reka AP/ECE MCET	2 days	26.09.17	27.09.17	Got knowledge on RF Front end design
23.	Workshop on Radio Frequency circuit design using ADS EDA Tools	External Students	27	Mr.K.Dhinesh Ms.D.Reka AP/ECE	2 days	14.10.17	14.10.17	Got skillset on RF circuit and antenna design in ADS
24.	Design and Testing of Radio Frequency circuits using ADS EDA Tools	MCET Students	15	Mr.K.Dhinesh Ms.D.Reka AP/ECE	2 days	17.08.17	18.08.17	Got skillset on RF circuit and antenna design in ADS