



MUTHAYAMMAL ENGINEERING COLLEGE

(An Autonomous Institution)

(Approved by AICTE, New Delhi, Accredited by NAAC & Affiliated to Anna University)

Rasipuram - 637 408, Namakkal Dt., Tamil Nadu.

1.3.2 Details of value-added courses for imparting transferable and life skills offered during the year

Year of Introduction 2016-17

Sl.No.	Name of the Value-Added Courses	Dates of Course Conducted	Duration of course (in hours)	Agency Conducted	Number of students who completed the course during the year	Number of times held in a year	Academic Year	Department
1.	AutoCAD for Design and Drafting	06.02.2017 to 10.02.2017	40	Muthayammal Engineering College	40	1	2016-17	B.E. - Civil Engineering
2.	BIM Fundamentals for Engineers	13.03.2017 to 17.03.2017	30	Muthayammal Engineering College	50	1	2016-17	B.E. - Civil Engineering
3.	C# and .NET Framework	01.09.2016 to 07.09.2016	30	Muthayammal Engineering College	40	1	2016-17	B.E. - Computer Science and Engineering
4.	VB.Net Technology	22.08.2017 to 30.08.2017	40	Muthayammal Engineering College	35	1	2016-17	B.E. - Computer Science and Engineering
5.	Programming In C & C++	13.03.2017 to 21.03.2017	40	Muthayammal Engineering College	34	1	2016-17	B.E. - Computer Science and Engineering
6.	Network Simulator	01.03.2017 to 08.03.2017	30	Muthayammal Engineering College	52	1	2016-17	B.E. - Electronics and Communication Engineering
7.	Internet Of Things (IOT)	5.12.2016 to 13.12.2016	40	Muthayammal Engineering College	30	1	2016-17	B.E. - Electronics and Communication Engineering
8.	Electrical Drawing using CADD	13.02.2016 to 18.02.2016	30	Muthayammal Engineering College	53	1	2016-17	B.E. - Electrical and Electronics Engineering
9.	IoT - an Overview	01.02.2017 to 08.02.2017	40	Muthayammal Engineering College	40	1	2016-17	B.E. - Electrical and Electronics Engineering
10.	Design of Robots using Arduino	01.03.2017 to 05.03.2017	35	Muthayammal Engineering College	42	1	2016-17	B.E. - Electrical and Electronics Engineering
11.	Applications of PLC & SCADA in Automotive Industries	27.03.2017 to 01.04.2017	35	Muthayammal Engineering College	45	1	2016-17	B.E. - Electrical and Electronics Engineering
12.	Value added course on AutoCAD	26.09.2016 to 01.10.2016	30	Muthayammal Engineering College	46	1	2016-17	B.E. - Mechanical Engineering
13.	Value added course on SolidWorks	26.09.2016 to 01.10.2016	40	Muthayammal Engineering College	45	1	2016-17	B.E. - Mechanical Engineering

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14.	Value Added Course on NX Cad	26.09.2016 to 01.10.2016	30	Muthayammal Engineering College	57	1	2016-17	B.E. - Mechanical Engineering
15.	Open Source Software	05.12.2016 to 10.12.2016	30	Muthayammal Engineering College	45	1	2016-17	B.Tech. - Information Technology
16.	Mobile Application Development	20.06.2016 to 25.06.2016	40	Muthayammal Engineering College	22	1	2016-17	B.Tech. - Information Technology
17.	Digital Marketing	23.11.2017 to 30.11.2017	40	Muthayammal Engineering College	53	1	2016-17	M.B.A. - Master of Business Administration
18.	Human Resource Analytics	14.11.2016 to 24.11.2017	30	Muthayammal Engineering College	47	1	2016-17	M.B.A. - Master of Business Administration
19.	Artificial Intelligences For Business	22.02.2017 to 29.02.2017	40	Muthayammal Engineering College	57	1	2016-17	M.B.A. - Master of Business Administration

Year of Introduction 2017-18

Sl.No.	Name of the Value-Added Courses	Dates of Course Conducted	Duration of course (in hours)	Agency Conducted	Number of students who completed the course during the year	Number of times held in a year	Academic Year	Department
1.	Total Station	02.05.2018 to 08.05.2018	30	Muthayammal Engineering College	83	1	2017-18	B.E. - Civil Engineering
2.	Bar Bending Techniques	02.06.2018 to 08.06.2018	30	Muthayammal Engineering College	83	1	2017-18	B.E. - Civil Engineering
3.	Fundamentals of Stress & Strain and Axial Loading	29.10.2017 to 02.11.2017	40	Muthayammal Engineering College	38	1	2017-18	B.E. - Civil Engineering
4.	Android Application Development and Firebase Technology	10.08.2017 to 17.08.2017	30	Muthayammal Engineering College	90	1	2017-18	B.E. - Computer Science and Engineering
5.	ORACLE	23.11.2017 to 29.11.2017	30	Muthayammal Engineering College	36	1	2017-18	B.E. - Computer Science and Engineering
6.	Java and J2EE	15.09.2017 to 28.10.2017	30	Muthayammal Engineering College	75	1	2017-18	B.E. - Computer Science and Engineering
7.	Web Designing	15.02.2018 to 21.02.2018	30	Muthayammal Engineering College	35	1	2017-18	B.E. - Computer Science and Engineering
8.	PHP & MySQL	05.03.2018 to 13.03.2018	40	Muthayammal Engineering College	45	1	2017-18	B.E. - Computer Science and Engineering

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9.	Circuit Design Using Electronic Simulator	29.12.2017 to 06.01.2018	30	Muthayammal Engineering College	15	1	2017-18	B.E. - Electronics and Communication Engineering
10.	Intelligent Instrumentation Smart Sensors	30.11.2017 to 05.12.2017	35	Muthayammal Engineering College	20	1	2017-18	B.E. - Electronics and Communication Engineering
11.	Solar Power Plant Design	13.11.2017 to 17.11.2017	30	Muthayammal Engineering College	40	1	2017-18	B.E. - Electrical and Electronics Engineering
12.	Design of PV Cells for Different Applications	02.03.2018 to 10.03.2018	35	Muthayammal Engineering College	45	1	2017-18	B.E. - Electrical and Electronics Engineering
13.	Robotics with Arduino Technology	19.03.2018 to 26.03.2018	40	Muthayammal Engineering College	47	1	2017-18	B.E. - Electrical and Electronics Engineering
14.	Value Added Course on Electrical Wiring Harness	13.12.2017 to 22.05.2017	30	Muthayammal Engineering College	30	1	2017-18	B.E. - Mechanical Engineering
15.	Value Added Course on Ansys	17.07.2018 to 21.07.2018	30	Muthayammal Engineering College	26	1	2017-18	B.E. - Mechanical Engineering
16.	Value Added Course on Piping (Creo)	19.07.2018 to 23.07.2018	40	Muthayammal Engineering College	68	1	2017-18	B.E. - Mechanical Engineering
17.	R Programming	05.06.2017 to 10.06.2017	30	Muthayammal Engineering College	48	1	2017-18	B.Tech. - Information Technology
18.	Android Technology	11.12.2017 to 16.12.2017	40	Muthayammal Engineering College	50	1	2017-18	B.Tech. - Information Technology
19.	National Institute Of Security Markets-NISM	26.12.2017 To 29.12.2017	35	Muthayammal Engineering College	57	1	2017-18	M.B.A. - Master of Business Administration
20.	Certification Course on Business Analytics for Managers	10.05.2018 to 20.05.2018	30	Muthayammal Engineering College	56	1	2017-18	M.B.A. - Master of Business Administration
21.	Analytics For Business Manager	13.12.2017 to 22.05.2017	30	Muthayammal Engineering College	55	1	2017-18	M.B.A. - Master of Business Administration
22.	Construction Methods Equipment & Management	09.04.2018 to 14.04.2018	35	Muthayammal Engineering College	31	1	2017-18	B.E. - Civil Engineering
23.	Software Testing Tools	09.04.2018 to 17.04.2018	35	Muthayammal Engineering College	34	1	2017-18	B.E. - Computer Science and Engineering
24.	Basics of Simulation tools	16.04.2018 to 21.04.2018	40	Muthayammal Engineering College	35	1	2017-18	B.E. - Electronics and Communication Engineering

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								Engineering
25.	Industrial Drives and Control	05.03.2018 to 10.03.2018	40	Muthayammal Engineering College	28	1	2017-18	B.E. - Electrical and Electronics Engineering
26.	NX CAD	09.04.2018 - 17.04.2018	35	Muthayammal Engineering College	35	1	2017-18	B.E. - Mechanical Engineering
27.	Applications of Cognitive Computing	16.04.2018 - 21.04.2018	35	Muthayammal Engineering College	47	1	2017-18	B.Tech. - Information Technology
Year of Introduction 2018-19								
Sl.No.	Name of the Value-Added Courses	Dates of Course Conducted	Duration of course (in hours)	Agency Conducted	Number of students who completed the course during the year	Number of times held in a year	Academic Year	Department
1.	E-TAB/SAP	20.07.2018 - 24.07.2018	30	Muthayammal Engineering College	81	1	2018-19	M.B.A. - Master of Business Administration
2.	Foundation Course on Civil Engineering	02.07.2018 to 07.07.2018	30	Muthayammal Engineering College	84	1	2018-19	B.E. - Civil Engineering
3.	Arduino Robotics	18.9.2018 to 24.09.2018	30	Muthayammal Engineering College	40	1	2018-19	B.E. - Electronics and Communication Engineering
4.	Ni LABVIEW	17.05.2018 to 24.05.2018	40	Muthayammal Engineering College	30	1	2018-19	B.E. - Electronics and Communication Engineering
5.	Arduino & Robotics	16.07.2018 to 20.07.2018	30	Muthayammal Engineering College	58	1	2018-19	B.E. - Electrical and Electronics Engineering
6.	Solar Power Systems	06.08.2018 to 10.08.2018	30	Muthayammal Engineering College	59	1	2018-19	B.E. - Electrical and Electronics Engineering
7.	Recent Trends in Electrical Harness Design and Schematic Design	03.09.2018 to 07.09.2018	30	Muthayammal Engineering College	57	1	2018-19	B.E. - Electrical and Electronics Engineering
8.	Arduino and its applications	07.01.2019 to 11.01.2019	35	Muthayammal Engineering College	42	1	2018-19	B.E. - Electrical and Electronics Engineering
9.	Solar PV system design using PV System	04.03.2019 to 08.03.2019	30	Muthayammal Engineering College	40	1	2018-19	B.E. - Electrical and Electronics Engineering
10.	Robotics	02.07.2018 to 07.07.2018	30	Muthayammal Engineering College	62	1	2018-19	B.E. - Mechanical Engineering



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11.	Solids Works	02.07.2018 to 07.07.2018	30	Muthayammal Engineering College	51	1	2018-19	B.E. - Mechanical Engineering
12.	EDM and CNC	02.07.2018 to 07.07.2018	30	Muthayammal Engineering College	47	1	2018-19	B.E. - Mechanical Engineering
13.	Autodesk Fusion 360	02.07.2018 to 07.07.2018	30	Muthayammal Engineering College	68	1	2018-19	B.E. - Mechanical Engineering
14.	Block Chain	17.12.2018 to 22.12.2018	40	Muthayammal Engineering College	27	1	2018-19	B.Tech. - Information Technology
15.	Biometrics	18.06.2018 to 23.06.2018	40	Muthayammal Engineering College	48	1	2018-19	B.Tech. - Information Technology
16.	Deep Learning	25.06.2018 to 30.06.2018	40	Muthayammal Engineering College	52	1	2018-19	B.Tech. - Information Technology
17.	Impact of digital technologies for manager	12.10.19 To 23.10.19	30	Muthayammal Engineering College	37	1	2018-19	M.B.A. - Master of Business Administration
18.	Transaction Allowed In A Linear Line Yards (Tally) For Manager	07.11.19 To 22.11.19	30	Muthayammal Engineering College	42	1	2018-19	M.B.A. - Master of Business Administration
19.	Cost Estimation in Construction	22.04.2019 - 27.04.2019	35	Muthayammal Engineering College	29	1	2018-19	B.E. - Civil Engineering
20.	Data Science	22.04.2019 - 30.04.2019	40	Muthayammal Engineering College	35	1	2018-19	B.E. - Computer Science and Engineering
21.	Virtual Instrumentation	15.04.2019 - 19.04.2019	35	Muthayammal Engineering College	30	1	2018-19	B.E. - Electronics and Communication Engineering
22.	Micro Electro Mechanical Systems	22.04.2019 - 26.04.2019	35	Muthayammal Engineering College	38	1	2018-19	B.E. - Electrical and Electronics Engineering
23.	Mechatronics and Robotics	09.04.2019 - 14.04.2019	35	Muthayammal Engineering College	35	1	2018-19	B.E. - Mechanical Engineering
24.	DevOps Tools	22.04.2019 - 27.04.2019	35	Muthayammal Engineering College	41	1	2018-19	B.Tech. - Information Technology
25.	Professional Ethics and Human Values	15.04.2019 - 21.04.2019	40	Muthayammal Engineering College	34	1	2018-19	M.B.A. - Master of Business Administration
26.	Spread Sheet Management	11.12.19 To 25.12.19	30	Muthayammal Engineering College	48	1	2018-19	M.B.A. - Master of Business Administration

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Year of Introduction 2019-20

Sl.No.	Name of the Value-Added Courses	Dates of Course Conducted	Duration of course (in hours)	Agency Conducted	Number of students who completed the course during the year	Number of times held in a year	Academic Year	Department
1.	Concrete and Steel Design using STAAD.Pro	01.10.20 to 07.10.20	30	Muthayammal Engineering College	87	1	2019-20	B.E. - Civil Engineering
2.	Mastering bitumen for better roads and innovative applications	20.01.20 to 24.01.20	40	Muthayammal Engineering College	31	1	2019-20	B.E. - Civil Engineering
3.	Basic Interior Design using software	10.02.20 to 20.02.20	35	Muthayammal Engineering College	31	1	2019-20	B.E. - Civil Engineering
4.	Core Java	02.12.2019 TO 07.12.2019	30	Muthayammal Engineering College	45	1	2019-20	B.E. - Computer Science and Engineering
5.	Android App Development	02.12.2019 - 07.12.2019	30	Muthayammal Engineering College	63	1	2019-20	B.E. - Computer Science and Engineering
6.	Hardware and Network Essentials	16.12.2019 - 21.12.2019	30	Muthayammal Engineering College	60	1	2019-20	B.E. - Computer Science and Engineering
7.	Applications of EDA Tools for Communication	17.12.2019 - 24.12.2019	30	Muthayammal Engineering College	76	1	2019-20	B.E. - Electronics and Communication Engineering
8.	MATLAB for Bio-Signal Processing	9.12.2019 To 14.12.2019	35	Muthayammal Engineering College	32	1	2019-20	B.E. - Electronics and Communication Engineering
9.	Automation using Arduino with IOT	05.08.2019 to 09.08.2019	30	Muthayammal Engineering College	74	1	2019-20	B.E. - Electrical and Electronics Engineering
10.	PLC in Industrial Applications	23.09.2019 to 27.03.2019	30	Muthayammal Engineering College	66	1	2019-20	B.E. - Electrical and Electronics Engineering
11.	Design of Photovoltaic System	04.11.2019 to 09.11.2019	40	Muthayammal Engineering College	50	1	2019-20	B.E. - Electrical and Electronics Engineering
12.	Arduino implementation in Industrial Automation	06.01.2020 to 10.01.2020	35	Muthayammal Engineering College	52	1	2019-20	B.E. - Electrical and Electronics Engineering
13.	Industrial Automation using PLC with SCADA	03.02.2020 - 07.02.2020	30	Muthayammal Engineering College	25	1	2019-20	B.E. - Electrical and Electronics Engineering

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14.	3D Printing Technology and Its Applications	15.09.2019 to 19.09.2019	30	Muthayammal Engineering College	70	1	2019-20	B.E. - Mechanical Engineering
15.	Value Added Course on NX Cad	13.10.2020 To 01.11.2020	35	Muthayammal Engineering College	45	1	2019-20	B.E. - Mechanical Engineering
16.	Value Added Course on Electrical Wiring Harness	02.03.2020 To 12.03.2020	35	Muthayammal Engineering College	38	1	2019-20	B.E. - Mechanical Engineering
17.	Value Added Course on Solid Works	19.11.2019 to 25.11.2019	30	Muthayammal Engineering College	68	1	2019-20	B.E. - Mechanical Engineering
18.	Programming in C++	02.12.2019 to 07.12.2019	40	Muthayammal Engineering College	42	1	2019-20	B.Tech. - Information Technology
19.	Zigbee Technology	10.06.2019 to 15.06.2019	35	Muthayammal Engineering College	23	1	2019-20	B.Tech. - Information Technology
20.	IOT with Raspberry Pi	26.07.2019 to 30.11.2019	40	Muthayammal Engineering College	25	1	2019-20	B.Tech. - Information Technology
21.	Ethical Hacking	17.06.2019 to 22.06.2019	35	Muthayammal Engineering College	48	1	2019-20	B.Tech. - Information Technology
22.	Animation and Graphics Design	09.12.2019 to 14.12.2019	40	Muthayammal Engineering College	60	1	2019-20	B.Tech. - Information Technology
23.	Digital Marketing with Google	07.11.19 To 15.11.19	30	Muthayammal Engineering College	70	1	2019-20	M.B.A. - Master of Business Administration
24.	Productivity And Employability Skill Training	13.10.20 To 01.11.20	40	Muthayammal Engineering College	70	1	2019-20	M.B.A. - Master of Business Administration
25.	Corporate Skills For Executive	02.03.20 To 12.03.20	35	Muthayammal Engineering College	69	1	2019-20	M.B.A. - Master of Business Administration
26.	Introduction to Basic Electronics devices and its circuit applications	09.09.2019 to 13.09.2019	30	Muthayammal Engineering College	32	1	2019-20	B.E. - Biomedical Engineering
27.	Hands on Training for Biomedical Equipments	20.01.2020 to 24.01.2020	35	Muthayammal Engineering College	32	1	2019-20	B.E. - Biomedical Engineering
28.	Biological Signal Analysis using MATLAB	09.12.2019 to 14.12.2019	30	Muthayammal Engineering College	32	1	2019-20	B.E. - Biomedical Engineering
29.	Mushroom Spawn Production and Cultivation	09.09.2019 to 19.09.2019	30	Muthayammal Engineering College	30	1	2019-20	B.Tech. - Biotechnology
30.	Basic aspects of nanoscience and thier	03.02.2020 to 07.02.2020	40	Muthayammal Engineering College	30	1	2019-20	B.Tech. - Biotechnology



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	applications in medical field							
31.	Plant tissue culture	03.03.2020 to 07.03.2020	35	Muthayammal Engineering College	30	1	2019-20	B.Tech. - Biotechnology
32.	Ceramic Materials and domestic and HiTech Appliances	03.12.2019 to 14.12.2019	40	Muthayammal Engineering College	35	1	2019-20	B.Tech. - Chemical Engineering
33.	Membrane based separation: Fundamentals and Applications	04.02.2020 to 15.02.2020	35	Muthayammal Engineering College	30	1	2019-20	B.Tech. - Chemical Engineering
34.	Wearable Technology in healthcare devices	10.02.2020 to 15.02.2020	30	Muthayammal Engineering College	32	1	2019-20	B.E. - Medical Electronics
35.	First Aid and Emergency Care in hospitals	19.08.2019 to 23.08.2019	30	Muthayammal Engineering College	32	1	2019-20	B.E. - Medical Electronics
36.	Entrepreneurial Opportunities in Medical Textiles	09.03.2020 to 14.03.2020	35	Muthayammal Engineering College	32	1	2019-20	B.E. - Medical Electronics
37.	Introduction to Revit Architecture	04.05.2020 to 09.05.2020	40	Muthayammal Engineering College	35	1	2019-20	B.E. - Civil Engineering
38.	Special Training on Vasthu	11.05.2020 to 16.05.2020	40	Muthayammal Engineering College	42	1	2019-20	B.E. - Civil Engineering
39.	Special Training on Reinforcement Detail	18.05.2020 to 23.05.2020	40	Muthayammal Engineering College	35	1	2019-20	B.E. - Civil Engineering
40.	Blueprint for Building Drawing	25.05.2020 to 30.05.2020	35	Muthayammal Engineering College	33	1	2019-20	B.E. - Civil Engineering
41.	Data Analytics using Python and R	04.05.2020 to 12.05.2020	35	Muthayammal Engineering College	32	1	2019-20	B.E. - Computer Science and Engineering
42.	Virtual Reality	04.05.2020 to 13.05.2020	40	Muthayammal Engineering College	36	1	2019-20	B.E. - Computer Science and Engineering
43.	Artificial Intelligence with Machine Learning	11.05.2020 to 19.05.2020	40	Muthayammal Engineering College	35	1	2019-20	B.E. - Computer Science and Engineering
44.	Big Data and Hadoop	18.05.2020 to 26.05.2020	35	Muthayammal Engineering College	33	1	2019-20	B.E. - Computer Science and Engineering
45.	PCB Design and Simulation	04.05.2020 to 08.05.2020	35	Muthayammal Engineering College	30	1	2019-20	B.E. - Electronics and Communication Engineering

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46.	Machine Learning and AI	11.05.2020 - 15.05.2020	35	Muthayammal Engineering College	35	1	2019-20	B.E. - Electronics and Communication Engineering
47.	Industrial Application based Embedded System	04.05.2020 - 09.05.2020	40	Muthayammal Engineering College	32	1	2019-20	B.E. - Electronics and Communication Engineering
48.	Building blocks of Java	18.05.2020 - 23.05.2020	40	Muthayammal Engineering College	35	1	2019-20	B.E. - Electronics and Communication Engineering
49.	PC Based Instrumentation	04.05.2020 - 09.05.2020	40	Muthayammal Engineering College	42	1	2019-20	B.E. - Electrical and Electronics Engineering
50.	Control of Electric Drives	04.05.2020 - 08.05.2020	35	Muthayammal Engineering College	27	1	2019-20	B.E. - Electrical and Electronics Engineering
51.	Process Control	11.05.2020 - 15.05.2020	35	Muthayammal Engineering College	32	1	2019-20	B.E. - Electrical and Electronics Engineering
52.	Safety and Hazards control in Industries	18.05.2020 - 23.05.2020	40	Muthayammal Engineering College	25	1	2019-20	B.E. - Electrical and Electronics Engineering
53.	Electrical Discharge Machining	04.05.2020 - 09.05.2020	40	Muthayammal Engineering College	40	1	2019-20	B.E. - Mechanical Engineering
54.	Electrical Wiring Harness	11.05.2020 to 16.05.2020	35	Muthayammal Engineering College	35	1	2019-20	B.E. - Mechanical Engineering
55.	Auto Desk	18.05.2020 - 23.05.2020	35	Muthayammal Engineering College	35	1	2019-20	B.E. - Mechanical Engineering
56.	Robotics	25.05.2020 to 30.05.2020	35	Muthayammal Engineering College	35	1	2019-20	B.E. - Mechanical Engineering
57.	Strategic Planning for Business	04.05.2020 - 07.05.2020	40	Muthayammal Engineering College	34	1	2019-20	M.B.A. - Master of Business Administration
58.	Advertisement and Promotion Planning	11.05.2020 - 14.05.2020	40	Muthayammal Engineering College	36	1	2019-20	M.B.A. - Master of Business Administration
59.	Customer Relationship Management	18.05.2020 - 21.05.2020	40	Muthayammal Engineering College	32	1	2019-20	M.B.A. - Master of Business Administration
60.	Six Sigma & Quality Management	25.05.2020 - 28.05.2020	35	Muthayammal Engineering College	30	1	2019-20	M.B.A. - Master of Business Administration
61.	Robotic Process Automation Tools	04.05.2020 - 09.05.2020	35	Muthayammal Engineering College	45	1	2019-20	B.Tech. - Information Technology
62.	Introduction to Snowflake	11.05.2020 to 16.05.2020	35	Muthayammal Engineering College	46	1	2019-20	B.Tech. - Information Technology

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63.	Serverless Computing in AWS	18.05.2020 - 23.05.2020	35	Muthayammal Engineering College	41	1	2019-20	B.Tech. - Information Technology
64.	Full Stack Development Technologies	25.05.2020 to 30.05.2020	35	Muthayammal Engineering College	45	1	2019-20	B.Tech. - Information Technology
65.	Role of Nanobiotechnology in pharmaceutical technology	04.05.2020 - 08.05.2020	35	Muthayammal Engineering College	25	1	2019-20	B.Tech. - Biotechnology
66.	Insulin production from Microbial Sources	18.05.2020 - 22.05.2020	35	Muthayammal Engineering College	25	1	2019-20	B.Tech. - Biotechnology
67.	Clinical usage of Forensic Psychology	11.05.2020 to 15.05.2020	40	Muthayammal Engineering College	29	1	2019-20	B.E. - Biomedical Engineering
68.	Role of Bioinformatics in Healthcare sector	25.05.2020 to 30.05.2020	40	Muthayammal Engineering College	29	1	2019-20	B.E. - Biomedical Engineering
69.	Applications of Renewable Energy Source in Medical Field	04.05.2020 to 09.05.2020	40	Muthayammal Engineering College	30	1	2019-20	B.E. - Medical Electronics
70.	Net Zero Carbon	11.05.2020 to 22.05.2020	35	Muthayammal Engineering College	28	1	2019-20	B.Tech. - Chemical Engineering

Year of Introduction 2020-21

Sl.No.	Name of the Value-Added Courses	Dates of Course Conducted	Duration of course (in hours)	Agency Conducted	Number of students who completed the course during the year	Number of times held in a year	Academic Year	Department
1.	Building Planning and Vasthu	01.02.21 to 06.02.21	30	Muthayammal Engineering College	20	1	2020-21	B.E. - Civil Engineering
2.	Advanced In Steel Work Design and Inspection Training	22.02.21 to 26.02.21	40	Muthayammal Engineering College	47	1	2020-21	B.E. - Civil Engineering
3.	Seismic Rehabilitation of Structures	08.03.21 to 12.03.21	30	Muthayammal Engineering College	31	1	2020-21	B.E. - Civil Engineering
4.	3D CAD Fundamental	19.04.21 to 23.04.21	35	Muthayammal Engineering College	47	1	2020-21	B.E. - Civil Engineering
5.	IT Cyber Security and Information Assurance	05.10.2020 To 10.10.2020	30	Muthayammal Engineering College	65	1	2020-21	B.E. - Computer Science and Engineering

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6.	IOT Architecture and Protocols	18.11.2020 TO 26.11.2020	40	Muthayammal Engineering College	60	1	2020-21	B.E. - Computer Science and Engineering
7.	Cyber Law and Ethics	13.07.2020 To 18.07.2020	30	Muthayammal Engineering College	63	1	2020-21	B.E. - Computer Science and Engineering
8.	IoT in Automobile	08.09.2020 - 16.09.2020	40	Muthayammal Engineering College	57	1	2020-21	B.E. - Computer Science and Engineering
9.	Industrial IOT	19.10.2020 - 26.10.2020	35	Muthayammal Engineering College	41	1	2020-21	B.E. - Computer Science and Engineering
10.	Application of Smart Sensors	08.02.2021 - 13.02.2021	30	Muthayammal Engineering College	62	1	2020-21	B.E. - Electronics and Communication Engineering
11.	Fundamentals of Low - Power VLSI Design	05.10.2020 To 14.10.2020	40	Muthayammal Engineering College	55	1	2020-21	B.E. - Electronics and Communication Engineering
12.	Signal Processing and its Application	23.11.2020 TO 28.11.2020	30	Muthayammal Engineering College	60	1	2020-21	B.E. - Electronics and Communication Engineering
13.	Basics of Antenna Design	14.09.2020 - 12.10.2020	30	Muthayammal Engineering College	55	1	2020-21	B.E. - Electronics and Communication Engineering
14.	Nano Electronics in Agriculture	8.12.2020 TO 16.12.2020	40	Muthayammal Engineering College	65	1	2020-21	B.E. - Electronics and Communication Engineering
15.	Sensor and monitoring method	04.11.2020 - 09.11.2020	30	Muthayammal Engineering College	62	1	2020-21	B.E. - Electronics and Communication Engineering
16.	Low power VLSI circuits	12.04.2021 - 21.04.2021	40	Muthayammal Engineering College	60	1	2020-21	B.E. - Electronics and Communication Engineering
17.	Design of Microstrip antenna	5.02.21- 4.03.21	30	Muthayammal Engineering College	55	1	2020-21	B.E. - Electronics and Communication Engineering
18.	Wireless Communications and Signal Processing	18.01.2021 to 23.01.2021	30	Muthayammal Engineering College	63	1	2020-21	B.E. - Electronics and Communication Engineering
19.	Charging of Electric Vehicle	07.09.2020 - 12.09.2020	40	Muthayammal Engineering College	62	1	2020-21	B.E. - Electrical and Electronics Engineering
20.	Integration of Alternate Energy Resources in Smart Grid	05.10.2020 - 09.10.2020	30	Muthayammal Engineering College	57	1	2020-21	B.E. - Electrical and Electronics Engineering

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21.	Advances Technologies in Smart Grid	15.02.2021 to 20.02.2021	30	Muthayammal Engineering College	25	1	2020-21	B.E. - Electrical and Electronics Engineering
22.	Development for Motor Drives	18.01.2021 to 22.01.2021	30	Muthayammal Engineering College	61	1	2020-21	B.E. - Electrical and Electronics Engineering
23.	Recent Technology in Automobile	08.02.2021 - 13.02.2021	40	Muthayammal Engineering College	58	1	2020-21	B.E. - Mechanical Engineering
24.	Design Thinking in Industries	05.10.2020 To 14.10.2020	30	Muthayammal Engineering College	67	1	2020-21	B.E. - Mechanical Engineering
25.	Composite Materials for Biomedical Applications	23.11.2020 TO 28.11.2020	30	Muthayammal Engineering College	63	1	2020-21	B.E. - Mechanical Engineering
26.	Auto Gear mechanism in Automobile	14.09.2020 - 12.10.2020	40	Muthayammal Engineering College	57	1	2020-21	B.E. - Mechanical Engineering
27.	Technology fo Smart Manufacturing	19.10.2020 - 26.10.2020	35	Muthayammal Engineering College	46	1	2020-21	B.E. - Mechanical Engineering
28.	Poly products and its Applications	02.12.2020 - 07.12.2020	30	Muthayammal Engineering College	37	1	2020-21	B.E. - Mechanical Engineering
29.	Cyber Security	08.06.2020 to 13.06.2020	35	Muthayammal Engineering College	55	1	2020-21	B.Tech. - Information Technology
30.	Voice Technology	30.11.2020 to 05.12.2020	40	Muthayammal Engineering College	52	1	2020-21	B.Tech. - Information Technology
31.	Edge Computing	06.07.2020 to 11.07.2020	35	Muthayammal Engineering College	57	1	2020-21	B.Tech. - Information Technology
32.	Virtual Reality	14.12.2020 to 19.12.2020	40	Muthayammal Engineering College	51	1	2020-21	B.Tech. - Information Technology
33.	Quantum Computing	15.06.2020 to 20.06.2020	35	Muthayammal Engineering College	27	1	2020-21	B.Tech. - Information Technology
34.	Public Speaking	09.09.20 To 23.09.20	35	Muthayammal Engineering College	35	1	2020-21	M.B.A. - Master of Business Administration
35.	Group Discussions And Personal Interview Sessions	14.10.20 To 25.10.20	40	Muthayammal Engineering College	35	1	2020-21	M.B.A. - Master of Business Administration
36.	Business Sustainability Management	04.01.21 To 22.01.21	35	Muthayammal Engineering College	30	1	2020-21	M.B.A. - Master of Business Administration
37.	Strong Work Ethics	11.02.21 To 19.02.21	40	Muthayammal Engineering College	30	1	2020-21	M.B.A. - Master of Business Administration

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38.	Sales Force Management	16.03.21 To 30.03.21	30	Muthayammal Engineering College	30	1	2020-21	M.B.A. - Master of Business Administration
39.	Carrier opportunity for chemical Engineers	05.10.2020 to 16.10.2020	35	Muthayammal Engineering College	31	1	2020-21	B.Tech. - Chemical Engineering
40.	Importance of chemical and biochemical process used in process industry	30.11.2020 to 12.12.2020	30	Muthayammal Engineering College	31	1	2020-21	B.Tech. - Chemical Engineering
41.	Introduction to mathematical modeling to chemical Engineers	01.02.2021 to 12.02.2021	40	Muthayammal Engineering College	31	1	2020-21	B.Tech. - Chemical Engineering
42.	Challenges and Solutions in Petroleum Industry	15.03.2021 to 26.03.2021	30	Muthayammal Engineering College	31	1	2020-21	B.Tech. - Chemical Engineering
43.	Drug designing, formulation, clinical testing, regulatory aspects and career oppourtunities in pharmaceutical biotechnology	06.09.2020 to 10.09.2020	35	Muthayammal Engineering College	30	1	2020-21	B.Tech. - Biotechnology
44.	Bioinformatics - Applications in drug discovery	09.11.2020 to 13.11.2020	40	Muthayammal Engineering College	30	1	2020-21	B.Tech. - Biotechnology
45.	Applications of NMR in Pharmaceutical Industry	21.09.2020 to 25.09.2020	35	Muthayammal Engineering College	30	1	2020-21	B.Tech. - Biotechnology
46.	Marine biotechnology - Role of sea weeds in medical applications	23.02.2021 to 27.02.2021	35	Muthayammal Engineering College	30	1	2020-21	B.Tech. - Biotechnology
47.	Single cell protein - Production and applications	08.03.2021 to 12.03.2021	40	Muthayammal Engineering College	30	1	2020-21	B.Tech. - Biotechnology
48.	Electrical Safety- Testing of Medical Equipments	05.10.2020 to 09.10.2020	30	Muthayammal Engineering College	18	1	2020-21	B.E. - Biomedical Engineering
49.	Biosignal and Image Processing using Neural Network	12.04.2021 to 17.04.2021	40	Muthayammal Engineering College	35	1	2020-21	B.E. - Biomedical Engineering

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50.	Artificial Intelligence and Deep Learning in Medical Applications	01.02.2021 to 06.02.2021	30	Muthayammal Engineering College	45	1	2020-21	B.E. - Biomedical Engineering
51.	Application of Labview in Biomedical Engineering	20.07.2020 to 25.07.2020	30	Muthayammal Engineering College	30	1	2020-21	B.E. - Biomedical Engineering
52.	Preponderance of Instrumentation in BiomedicalField	03.05.2021 to 08.05.2021	40	Muthayammal Engineering College	30	1	2020-21	B.E. - Biomedical Engineering
53.	Basics of Human Anatomy and Physiology	01.03.2021 to 05.03.2021	40	Muthayammal Engineering College	15	1	2020-21	B.E. - Medical Electronics
54.	Applications of 3D Printing Technology in Health care	21.09.2020 to 25.09.2020	30	Muthayammal Engineering College	31	1	2020-21	B.E. - Medical Electronics
55.	Applications of MEMS in Medical field	18.11.2020 to 23.11.2020	30	Muthayammal Engineering College	32	1	2020-21	B.E. - Medical Electronics
56.	Image Processing and its applications towards Health care Technology	22.03.2021 to 26.03.2021	35	Muthayammal Engineering College	30	1	2020-21	B.E. - Medical Electronics
57.	Basics of Transducers and their usage in Instrumentation	31.08.2020 to 04.09.2020	30	Muthayammal Engineering College	30	1	2020-21	B.E. - Medical Electronics
58.	Latest trends in Medical Monitoring Devices	12.10.2020 to 17.10.2020	30	Muthayammal Engineering College	38	1	2020-21	M.C.A. - Master of Computer Applications
59.	Organics Intelligence and Deep Learning in Medical Application	15.03.2021 to 20.03.2021	40	Muthayammal Engineering College	25	1	2020-21	M.C.A. - Master of Computer Applications

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