1.2.2 The Add on/ Certificate programs conducted under regular University programs has been listed in the tabulation format for all five assessment years.

Year	2019-2020	2018-2019	2017-2018	2016-2017	2015-2016
No. of Value Added Courses offered	16	17	18	19	17

S. No.	Academic Year	Page No.
1.	No. of Add on Programs during 2019-2020	2
2.	No. of Add on Programs during 2018-2019	3
3.	No. of Add on Programs during 2017-2018	4
4.	No. of Add on Programs during 2016-2017	5
5.	No. of Add on Programs during 2015-2016	6

1.2.2 Number of Add on /Certificate programs offered during the last five years

1.2.2.1. How many Add on /Certificate programs are offered within the last 5 years.

    1. List of Add on/ Certificate programs other than programs conducted under regular University curriculum.

Academic Year 2019-2020

S. No.	Department	Name of the Program	Date and Duration	Number of Students Enrolled	No. of times offered during the same year
1	B.E. - CSE	Data Analytics using Python and R	01.07.2019 & 35 Hours	51	1
2		Hardware Trouble Shooting and Photoshop	17.09.2019 & 34 Hours	39	1
3	B.E. - EEE	NI Multisim Circuits Simulation	27.07.2019 & 30 Hours	24	1
4		Arduino based Innovative Projects	04.12.2019 & 30 Hours	46	1
5		MATLAB for Electrical Engineers	14.12.2019 & 30 Hours	46	1
6	B.E. - ECE	Circuit Debugging and Testing using Multisim	10.08.2019 & 32 Hours	36	1
7		Networking course on CCNA	14.12.2019 & 36 Hours	79	1
8		Image Processing in Real Time Application	27.01.2020 & 32 Hours	81	1
9	B.E. - MECH	Creo for Automation and Production	17.06.2019 & 38 Hours	103	1
10		AutoCAD	01.07.2019 & 38 Hours	35	1
11		Non Destructive Testing	02.12.2019 & 40 Hours	50	1
12		Computer Numerical Control (CNC)	04.01.2020 & 34 Hours	50	1
13	B.Tech. - IT	Technology behind AR/VR	17.06.2019 & 32 Hours	49	1
14		AWS Fundamentals: Building Serverless Applications	17.06.2019 & 35 Hours	40	1
15		Web Development	02.12.2019 & 40 Hours	33	1
16	First Year	Quantitative Aptitude	23.12.2019 & 30 Hours	231	1
Total Certificate Courses Offered in the academic year 2019-2020	**16**		**Total no. of Students Enrolled in the Certificate Program**	**993**	

Academic Year 2018-2019

S. No.	Department	Name of the Program	Date and Duration	Number of Students Enrolled	No. of times offered during the same year
1	B.E. - CSE	SQL Fundamentals	27.08.2018 & 30 Hours	54	1
2		Mean Stack Development (Angular JS, React JS and Node JS)	12.11.2018 & 30 Hours	44	1
3		Data Science	04.03.2019 & 32 Hours	46	1
4	B.E. - EEE	AutoCAD Electrical	04.06.2018 & 60 Hours	39	1
5		NI Multisim Circuits Simulation	15.12.2018 & 30 Hours	48	1
6		Projects using Raspberry Pi	07.01.2019 & 30 Hours	48	1
7	B.E. - ECE	ESIM Open Source Tool	11.08.2018 & 30 Hours	80	1
8		Project Based Learning	17.12.2018 & 32 Hours	80	1
9		Cisco Certified Network Associate (CCNA)	22.12.2018 & 30 Hours	84	1
10	B.E. - MECH	Solid Works	28.05.2018 & 50 Hours	95	1
11		Creo for Industrial Design	04.06.2018 & 38 Hours	102	1
12		AutoCAD	02.07.2018 & 38 Hours	101	1
13		Creo for Automation and Production	10.12.2018 & 38 Hours	69	1
14	B.Tech. - IT	Block Chain Technology	25.06.2018 & 30 Hours	35	1
15		Big data Analytics using Hadoop	25.06.2018 & 35 Hours	42	1
16		Ethical Hacking	10.12.2018 & 32 Hours	49	1
17	First Year	Quantitative Aptitude	03.06.2019 & 30 Hours	172	1
Total Certificate Courses Offered in the academic year 2018-2019		**17**	**Total no. of Students Enrolled in the Certificate Program**	**1188**	

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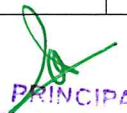
Academic Year 2017-2018

S. No.	Department	Name of the Program	Date and Duration	Number of Students Enrolled	No. of times offered during the same year
1	B.E. - CSE	Software Testing Tools	10.07.2017 & 30 Hours	45	1
2		Hardware Troubleshooting and Photoshop	04.09.2017 & 32 Hours	45	1
3		Introduction to Internet of Things	02.01.2018 & 32 Hours	47	1
4	B.E. - EEE	AutoCAD Electrical	12.06.2017 & 60 Hours	73	1
5		NI Multisim circuits Simulation	24.06.2017 & 30 Hours	47	1
6		PLC Programming	07.08.2017 & 30 Hours	80	1
7	B.E. - ECE	Speed Maths-"Maths or Magic"	08.07.2017 & 30 Hours	84	1
8		Project Based Learning in Embedded System Design using ARDUINO Platform	08.07.2017 & 35 Hours	80	1
9		Internet of Things using Raspberry Pi	18.12.2017 & 30 Hours	100	1
10	B.E. - MECH	Creo for Industrial Design	29.05.2017 & 43 Hours	92	1
11		Creo for Automation and Production	05.06.2017 & 38 Hours	91	1
12		AutoCAD	07.08.2017 & 40 Hours	99	1
13		CCP-Piping	04.12.2017 & 34 Hours	80	1
14		Solid Works	11.12.2017 & 40 Hours	76	1
15	B.Tech. - IT	Introduction to Parallel Programming in OpenMP	26.06.2017 & 34 Hours	16	1
16		IoT	26.06.2017 & 35 Hours	39	1
17		Arduino	11.12.2017 & 34 Hours	44	1
18	First Year	Quantitative Aptitude	18.01.2018 & 30 Hours	357	1
Total Certificate Courses Offered in the academic year 2017-2018		**18**	**Total no. of Students Enrolled in the Certificate Program**		**1495**

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Chairman cum Managing Trustee

Dr. M. Venkatesan, M.E., Ph.D.,
Principal

Academic Year 2016-2017

S. No.	Department	Name of the Program	Date and Duration	Number of Students Enrolled	No. of times offered during the same year
1	B.E. - CSE	VMware Data Center Virtualization	19.09.2016 & 32 Hours	54	1
2		Mobile Application Development	06.02.2017 & 33 Hours	51	1
3		ORACLE / SQL Fundamentals	03.04.2017 & 34 Hours	47	1
4	B.E. - EEE	Projects using Raspberry Pi	09.02.2017 & 30 Hours	71	1
5		Projects using Raspberry Pi	13.02.2017 & 30 Hours	100	1
6		NI Multisim Circuits Simulation	18.02.2017 & 30 Hours	82	1
7	B.E. - ECE	Marker Spaces in Open Source Platform	07.07.2016 & 32 Hours	80	1
8		Application of MATLAB for Signal Communication and Image Processing	07.07.2016 & 30 Hours	20	1
9		Networks and Security	08.01.2017 & 30 Hours	104	1
10	B.E. - MECH	Solid Works	06.06.2016 & 40 Hours	96	1
11		Creo for Industrial Design	13.06.2016 & 40 Hours	95	1
12		AutoCAD	04.07.2016 & 38 Hours	96	1
13		Ansys	19.12.2016 & 40 Hours	94	1
14		Computer Numerical Control (CNC)	26.12.2016 & 34 Hours	94	1
15		CATIA for Industrial Design	17.01.2017 & 38 Hours	78	1
16	B.Tech. - IT	Search Engine Optimization with Google Analytics & Web Master Tools	27.06.2016 & 35 Hours	43	1
17		Computer Vision and Image Processing	27.06.2016 & 32 Hours	16	1
18		Python for Data Science	26.12.2016 & 30 Hours	42	1
19	First Year	Quantitative Aptitude	19.12.2016 & 30 Hours	322	1
Total Certificate Courses Offered in the academic year 2016-2017		**19**	**Total no. of Students Enrolled in the Certificate Program**	**1585**	

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Principal

Academic Year 2015-2016

S. No.	Department	Name of the Program	Date and Duration	Number of Students Enrolled	No. of times offered during the same year
1	B.E. - CSE	Mobile Application Development using Android	24.08.2015 & 34 Hours	54	1
2		ORACLE Database 11g SQL Fundamentals	08.02.2016 & 34 Hours	48	1
3	B.E. - EEE	NI Multisim Circuits Simulation	22.08.2015 & 30 Hours	77	1
4		Basic PLC Programming	07.03.2016 & 45 Hours	47	1
5	B.E. - ECE	Guidance about Opportunities in IT	04.08.2015 & 30 Hours	60	1
6		Industrial Exposure in Embedded Environment	14.12.2015 & 32 Hours	22	1
7		Java and Networking	16.12.2015 & 30 Hours	61	1
8		Front End Design of Digital VLSI circuit using Verilog HDL	16.12.2015 & 30 Hours	20	1
9	B.E. - MECH	CATIA for Industrial Design	03.07.2015 & 42 Hours	86	1
10		Solid Works	14.07.2015 & 40 Hours	60	1
11		ANSYS	04.08.2015 & 40 Hours	139	1
12		Creo for Industrial Design	24.08.2015 & 43 Hours	95	1
13		AutoCAD	16.12.2015 & 38 Hours	61	1
14	B.Tech. - IT	Multimedia Programming	15.06.2015 & 34 Hours	55	1
15		Python Programming	15.06.2015 & 34 Hours	43	1
16		Data Analytics with R	14.12.2015 & 36 Hours	16	1
17	First Year	Quantitative Aptitude	04.01.2016 & 30 Hours	417	1
Total Certificate Courses Offered in the academic year 2015-2016		**17**	**Total no. of Students Enrolled in the Certificate Program**	**1361**	

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