Kathir College of Engineering

Wisdom Tree, Avinashi Road, Neelambur, Coimbatore 641062

Criteria-1
Curricular Aspects

Sub-Criteria 1.2
Academic Flexibility

1.2.3

Average percentage of students enrolled in Certificate/ Add-on programs as against the total number of students during the last five years

1.2.3.1

Number of students enrolled in subject related Certificate or Add-on programs year wise during last five years

1.2 Academic Flexibility

1.2.3 Students Enrolled in Certificate/ Add-on programs

S. No	Title	Page No
1	Students Enrolled in Certificate/ Add-on programs for the AY 2020-2021	1 - 2
2	Students Enrolled in Certificate/ Add-on programs for the AY 2019-2020	3 – 4
3	Students Enrolled in Certificate/ Add-on programs for the AY 2018-2019	5 – 6
4	Students Enrolled in Certificate/ Add-on programs for the AY 2017-2018	7 – 8
5	Students Enrolled in Certificate/ Add-on programs for the AY 2016-2017	9 – 10

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

1.2.3 Average percentage of students enrolled in Add-on/Certificate programs as against the total number of students during the last five years

ACADEMIC YEAR 2020-2021							
S.No,	Name of Add on /Certificate programs offered	Course Code (if any)	Department	No. of times offered during the same year	Duration of course	Number of students enrolled in the year	Number of Students completing the course in the year
1	Python for Data Science	K20A101	CSE	1	33 Hrs	46	46
2	Web Development	K20A102	CSE	1	37 hrs	48	48
3	Design and Analysis of Structure using STAAD Pro	K20A201	Civil	1	30 hrs	15	15
4	Aptitude & Soft skills	K20A301	EEE	1	30 hrs	24	24
5	Robotics Engineer	K20A302	EEE	1	30 hrs	16	16

6	PCB Technology and Design	K20A303	EEE	1	30 hrs	7	7
7	Hands On Antenna Design	K20A401	ECE	1	48 hrs	20	20
8	Signal And Image Processing Using MATLAB Simulink	K20A402	ECE	1	48 hrs	15	15
9	ANSYS Workbench	K20A501	MECH	1	45 hrs	72	72
10	Design Of Hydraulic Systems Using MATLAB-Simulink	K20A502	MECH	1	30 hrs	72	72
11	3D Modelling Software, CREO	K20A503	MECH	1	30 Hrs	10	10
12	Business Strategy: Essentials	K20A601	MBA	2	30 Hrs	20	20
13	Google Certified Fundamentals of Digital Marketing	K20A602	MBA	2	30 Hrs	20	20
14	Semiconductor Devices	K20A701	S&H	1	30 Hrs	37	37
15	Spectroscopy and its Applications	K20A702	S&H	1	30 Hrs	37	37

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

1.2.3 Average percentage of students enrolled in Add-on/Certificate programs as against the total number of students during the last five years.

ACADEMIC YEAR 2019-2020							
S.No,	**Name of Add on /Certificate programs offered**	**Course Code (if any)**	**Department**	**No. of times offered during the same year**	**Duration of course**	**Number of students enrolled in the year**	**Number of Students completing the course in the year**
1	Digital Marketing	K19A101	CSE	1	32 hrs	48	48
2	Networking	K19A102	CSE	1	33 hrs	40	40
3	Designing Of Database	K19A103	CSE	1	30 hrs	36	36
4	Hands On Training in AUTOCAD	K19A201	Civil	1	30 hrs	17	17
5	Building Information Modelling	K19A202	Civil	1	30 hrs	15	15
6	Management Concepts and Organizational Behaviour	K19A301	EEE	1	30 hrs	16	16
7	Aptitude and Reasoning	K19A302	EEE	1	30 hrs	12	12

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8	Design Of Embedded Systems	K19A401	ECE	1	48 hrs	11	11
9	Embedded System Processor	K19A402	ECE	1	48 hrs	14	14
10	Advanced CNC Programming	K19A501	MECH	1	30 hrs	66	66
11	Engineering Simulation for Design Validation in Product Development	K19A502	MECH	1	30 hrs	66	66
12	Life Skill for Engineers	K19A503	MECH	1	30 hrs	70	70
13	GST- A Review of Current Practices	K19A601	MBA	2	30 hrs	20	20
14	Exchange Traded Funds - An Overview	K19A602	MBA	2	30 hrs	20	20
15	Calculus	K19A701	S&H	1	30 hrs	40	40
16	Applied Chemistry	K19A702	S&H	1	30 hrs	51	51

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

1.2.3 Average percentage of students enrolled in Add-on/Certificate programs as against the total number of students during the last five years

ACADEMIC YEAR 2018-2019							
S.No,	**Name of Add on /Certificate programs offered**	**Course Code (if any)**	**Department**	**No. of times offered during the same year**	**Duration of course**	**Number of students enrolled in the year**	**Number of Students completing the course in the year**
1	Programming with Scientific Methods	K18A101	CSE	1	30 hrs	42	42
2	Python for Machine Learning	K18A102	CSE	1	30 hrs	38	38
3	Design of Buildings Using STAAD Pro	K18A201	Civil	1	30 hrs	60	60
4	3D Modelling& Revit Architecture	K18A202	Civil	1	30 hrs	16	16
5	VLSI & Linear Integrated Circuits	K18A301	EEE	1	30 hrs	12	12
6	PLC SCADA	K18A302	EEE	1	30 hrs	12	12

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7	Basics Of VLSI Design	K18A401	ECE	1	48 hrs	10	10
8	MATLAB Programming	K18A402	ECE	1	48 hrs	15	15
9	Basics on 3D Printing	K18A501	MECH	1	30 hrs	60	60
10	Industrial Robotics	K18A502	MECH	1	30 hrs	60	60
11	CAE In Automotive Industries	K18A503	MECH	1	30 hrs	60	60
12	Artificial Intelligence: A Business Leader's Overview	K18A601	MBA	2	30 hrs	20	20
13	Stock Market Analysis: Fundamentals Approach	K18A602	MBA	2	30 hrs	20	20
14	Probability and Applied Statistics	K18A701	S&H	1	30 hrs	36	36
15	Modern Physics in Materials	K18A702	S&H	1	30 hrs	42	42

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

1.2.3 Average percentage of students enrolled in Add-on/Certificate programs as against the total number of students during the last five years

ACADEMIC YEAR 2017-2018							
S.No,	Name of Add on /Certificate programs offered	Course Code (if any)	Department	No. of times offered during the same year	Duration of course	Number of students enrolled in the year	Number of Students completing the course in the year
1	JAVA and MySQL Server	K17A101	CSE	1	30 hrs	32	32
2	PHP/VB.Net	K17A102	CSE	1	30 hrs	38	38
3	Building Information Modelling	K17A201	Civil	1	30 hrs	84	84
4	Soft Skills and Personality Development	K17A301	EEE	1	30 hrs	12	12
5	Intelligent Controller	K17A302	EEE	1	30 hrs	22	22
6	ARM Processor and Its Application	K17A401	ECE	1	48 hrs	12	12

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7	Zigbee Controller and Its Characteristics	K17A402	ECE	1	48 hrs	20	20
8	Industrial Sensors and Applications	K17A501	MECH	1	30 hrs	162	162
9	Industrial Robotics	K17A502	MECH	1	30 hrs	60	60
10	The Return of Protectionism in World Trade: Implications	K17A601	MBA	2	30 hrs	20	20
11	Biochemistry	K17A701	S&H	1	30 hrs	44	44
12	Advanced Calculus and Set Algebra	K17A702	S&H	1	30 hrs	50	50

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

1.2.3 Average percentage of students enrolled in Add-on/Certificate programs as against the total number of students during the last five years

ACADEMIC YEAR 2016-2017							
S.No,	Name of Add on /Certificate programs offered	Course Code (if any)	Department	No: of times offered during the same year	Duration of course	Number of students enrolled in the year	Number of Students completing the course in the year
1	Implementation of Data Structures using C programming	K16A101	CSE	1	30 hrs	32	32
2	Algorithm and Analysis	K16A102	CSE	1	30 hrs	31	31
3	R Programming	K16A103	CSE	1	30 hrs	41	41
4	Revit Architecture	K16A201	Civil	1	30 hrs	103	103
5	Geographical Information System	K16A202	Civil	1	30 hrs	84	84
6	Safety For Electrical Engineering	K16A301	EEE	1	30 hrs	22	22

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7	Industrial Drives Automation	K16A302	EEE	1	30 hrs	17	17
8	PCB Fabrication and Designing	K16A401	ECE	1	48 hrs	15	15
9	Internet of Things	K16A402	ECE	1	48 hrs	22	22
10	SAE Dismantling & Assembling Workshop	K16A501	MECH	1	30 hrs	152	152
11	Advanced Manufacturing System	K16A502	MECH	1	30 hrs	102	102
12	R: Data Analysis and Data Presentation	K16A601	MBA	2	30 hrs	20	20
13	Structures and Bonding of Organic Chemistry	K16A701	S&H	1	30 hrs	57	57
14	Discrete Structures	K16A702	S&H	1	30 hrs	39	39

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