



KNOWLEDGE INSTITUTE OF TECHNOLOGY

Approved by AICTE, Affiliated to Anna University

Kakapalayam (PO), Salem – 637 504

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IQAC

Circular No. 01 / 2019 - 20

1.3.2 Number of value added courses imparting transferable and life skills offered during the last five years

SL.No	Program Code	Program Name	Name of Value added Courses	Course Code	Year of Offering	No. of times offered during the same year	No. of Students enrolled	No. of students completed in the year	Year of Discontinuation	Link of the relevant document
ACADEMIC YEAR 2014-2015										
1	114	B.E. MECH	Fundamental Simulation Techniques using ANSYS Software	201415-ME-VAC-01	2014-15	1	91	91	Mar-15	http://www.kiot.ac.in/wp-content/uploads/2019/12/1.3.2_14-15_VAC.pdf
2	114	B.E. MECH	Industry Practice Based Proficiency Course for Aerospace – Aircraft Structural Analysis	201415-ME-VAC-02	2014-15	1	89	89	May-15	
3	114	B.E. MECH	Industry Practice Based Proficiency Course for Aerospace – Gas Turbine Engine Design & Development	201415-ME-VAC-03	2014-15	1	89	89	May-15	
4	106	B.E. ECE	Company Specific & AMCAT Exam Training	201415-EC-VAC-01	2014-15	1	45	45	Jun-15	
5	106	B.E. ECE	Analysis and Synthesis of signals using mixed signal processors	201415-EC-VAC-02	2014-15	1	21	21	Jun-15	
6	106	B.E. ECE	Digital VLSI Design	201415-EC-VAC-03	2014-15	1	23	23	Jun-15	
7	106	B.E. ECE	Fundamentals of modeling and programming	201415-EC-VAC-04	2014-15	1	23	23	Jun-15	
8	106	B.E. ECE	Network Simulator 2 (NS2) for wireless networks	201415-EC-VAC-05	2014-15	1	24	24	Jun-15	
9	106	B.E. ECE	LabVIEW Core 1	201415-EC-VAC-06	2014-15	1	22	22	Jun-15	
10	106	B.E. ECE	Sensor Technology	201415-EC-VAC-07	2014-15	1	26	26	Jun-15	
11	106	B.E. ECE	Digital design analyze using Chipscope Pro	201415-EC-VAC-08	2014-15	1	25	25	Jun-15	
12	106	B.E. ECE	Data Processing and Visualization	201415-EC-VAC-09	2014-15	1	30	30	Jun-15	
13	106	B.E. ECE	Advanced Network Simulator 2 (NS2) for wireless networks	201415-EC-VAC-10	2014-15	1	28	28	Jun-15	
14	106	B.E. ECE	BEC Training Programme	201415-EC-VAC-11	2014-15	1	561	561	Jun-15	
15	106	B.E. ECE	LabVIEW Core 2	201415-EC-VAC-12	2014-15	1	24	24	Jun-15	
16	105	B.E. EEE	Numerical Modeling using MATLAB	201415-EE-VAC-01	2014-15	1	110	110	May-15	
17	105	B.E. EEE	Power Electronics Circuit Design	201415-EE-VAC-02	2014-15	1	50	50	May-15	
18	105	B.E. EEE	Programming in C & C++	201415-EE-VAC-03	2014-15	1	66	66	May-15	
19	104	B.E. CSE	Android Application Development (L1)	201415-CS-VAC-01	2014-15	1	68	68	May-15	
20	104	B.E. CSE	Android Application Development (L2)	201415-CS-VAC-02	2014-15	1	68	68	May-15	
21	104	B.E. CSE	JAVA Programming (L1)	201415-CS-VAC-03	2014-15	1	137	137	May-15	

Sl.No	Program Code	Program Name	Name of Value added Courses	Course Code	Year of Offering	No. of times offered during the same year	No. of Students enrolled	No. of students completed in the year	Year of Discontinuation	Link of the relevant document
22	104	B.E. CSE	JAVA Programming (L2)	201415-CS-VAC-04	2014-15	1	137	137	May-15	
23	104	B.E. CSE	Core Java (L1)	201415-CS-VAC-05	2014-15	1	75	72	May-15	
24	104	B.E. CSE	Core Java (L2)	201415-CS-VAC-06	2014-15	1	75	72	May-15	
25	104	B.E. CSE	Core Java (L13)	201415-CS-VAC-07	2014-15	1	75	72	May-15	
ACADEMIC YEAR 2015-2016										
1	114	B.E. MECH	Advanced Simulation Techniques using ANSYS Software	201516-ME-VAC-01	2015-16	1	62	62	Mar-16	http://www.kiot.ac.in/wp-content/uploads/2019/12/1.3.2_15-16_VAC.pdf
2	114	B.E. MECH	Industry Practice Based Proficiency Course for Aerospace – Engineering mechanics, Fatigue and Damage Tolerance	201516-ME-VAC-02	2015-16	1	58	58	May-16	
3	114	B.E. MECH	Industry Practice Based Proficiency Course for Aerospace – Manufacturing Process as applicable to Aerospace and Automotive	201516-ME-VAC-03	2015-16	1	58	58	May-16	
4	114	B.E. MECH	Fundamental Simulation Techniques using ANSYS Software	201516-ME-VAC-04	2015-16	1	65	65	Mar-16	
5	114	B.E. MECH	Industry Practice Based Proficiency Course for Aerospace – Aircraft Structural Analysis	201516-ME-VAC-05	2015-16	1	63	63	May-16	
6	114	B.E. MECH	Industry Practice Based Proficiency Course for Aerospace – Gas Turbine Engine Design & Development	201516-ME-VAC-06	2015-16	1	63	63	May-16	
7	106	B.E. ECE	IEEE Blended Learning-RTL Verification using Verilog	201516-EC-VAC-01	2015-16	1	26	26	Jun-16	
8	106	B.E. ECE	Interfacing of Devices with ATMEGA processor	201516-EC-VAC-02	2015-16	1	23	23	Jun-16	
9	106	B.E. ECE	HDL coding of digital circuits using XILINX 12.1 tools	201516-EC-VAC-03	2015-16	1	22	22	Jun-16	
10	106	B.E. ECE	Various methods to generate signal	201516-EC-VAC-04	2015-16	1	23	23	Jun-16	
11	106	B.E. ECE	CISCO- Introduction to Cisco Networking	201516-EC-VAC-05	2015-16	1	22	22	Jun-16	
12	106	B.E. ECE	Graphical Programming	201516-EC-VAC-06	2015-16	1	19	19	Jun-16	
13	106	B.E. ECE	Mixed Signal Processors	201516-EC-VAC-07	2015-16	1	21	21	Jun-16	
14	106	B.E. ECE	Hardware modeling with HDL using Quartus II and Vertex Kit	201516-EC-VAC-08	2015-16	1	23	23	Jun-16	
15	106	B.E. ECE	Two dimensional data analysis for real time	201516-EC-VAC-09	2015-16	1	23	23	Jun-16	
16	106	B.E. ECE	Advanced sensors in real time applications	201516-EC-VAC-10	2015-16	1	24	24	Jun-16	
17	106	B.E. ECE	Advanced Graphical Programming	201516-EC-VAC-11	2015-16	1	22	22	Jun-16	
18	106	B.E. ECE	BEC Training Programme	201516-EC-VAC-12	2015-16	1	647	647	Jun-16	
19	105	B.E. EEE	Numerical Modeling using MATLAB	201516-EE-VAC-01	2015-16	1	55	55	May-16	
20	105	B.E. EEE	Programming in C & C++	201516-EE-VAC-02	2015-16	1	108	108	May-16	
21	105	B.E. EEE	Product Development using Electronic Devices	201516-EE-VAC-03	2015-16	1	60	60	May-16	

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22	104	B.E. CSE	Android Application Development (L1)	201516-CS-VAC-01	2015-16	1	70	70	May-16	
23	104	B.E. CSE	Android Application Development (L2)	201516-CS-VAC-02	2015-16	1	70	70	May-16	
24	104	B.E. CSE	JAVA Programming (L1)	201516-CS-VAC-03	2015-16	1	125	125	May-16	
25	104	B.E. CSE	JAVA Programming (L2)	201516-CS-VAC-04	2015-16	1	125	125	May-16	
26	104	B.E. CSE	Core Java (L1)	201516-CS-VAC-05	2015-16	1	55	55	May-16	
27	104	B.E. CSE	Core Java (L2)	201516-CS-VAC-06	2015-16	1	55	55	May-16	
28	104	B.E. CSE	Core Java (L13)	201516-CS-VAC-07	2015-16	1	55	55	May-16	
29	103	B.E. CIVIL	Basic Speaking skills in Hindi Language	201516-CE-VAC-01	2015-16	1	54	54	Mar-16	
30	103	B.E. CIVIL	LEED GA/AP Certification training	201516-CE-VAC-02	2015-16	1	57	57	Mar-16	
ACADEMIC YEAR 2016-2017										
1	114	B.E. MECH	Advanced Simulation Techniques using ANSYS Software	201617-ME-VAC-01	2016-17	1	65	65	Mar-17	
2	114	B.E. MECH	Industry Practice Based Proficiency Course for Aerospace – Engineering mechanics, Fatigue and Damage Tolerance	201617-ME-VAC-02	2016-17	1	63	63	May-17	
3	114	B.E. MECH	Industry Practice Based Proficiency Course for Aerospace – Manufacturing Process as applicable to Aerospace and Automotive	201617-ME-VAC-03	2016-17	1	63	63	May-17	
4	114	B.E. MECH	Fundamental Simulation Techniques using ANSYS Software	201617-ME-VAC-04	2016-17	1	64	64	Mar-17	
5	114	B.E. MECH	Industry Practice Based Proficiency Course for Aerospace – Aircraft Structural Analysis	201617-ME-VAC-05	2016-17	1	62	62	May-17	
6	114	B.E. MECH	Industry Practice Based Proficiency Course for Aerospace – Gas Turbine Engine Design & Development	201617-ME-VAC-06	2016-17	1	62	62	May-17	
7	114	B.E. MECH	Fundamental Drafting and Detailing using CREO software	201617-ME-VAC-07	2016-17	1	64	64	Mar-17	
8	106	B.E. ECE	Japanese Language Training (N4 & N5)	201617-EC-VAC-01	2016-17	2	112	112	Jun-17	
9	106	B.E. ECE	Testing and verification of analog devices	201617-EC-VAC-02	2016-17	1	26	26	Jun-17	
10	106	B.E. ECE	Digital circuit implementation in FPGA using HDL	201617-EC-VAC-03	2016-17	1	26	26	Jun-17	
11	106	B.E. ECE	Audio signal processing in real time applications	201617-EC-VAC-04	2016-17	1	26	26	Jun-17	
12	106	B.E. ECE	Internet Connection on network routers by CISCO	201617-EC-VAC-05	2016-17	1	27	27	Jun-17	
13	106	B.E. ECE	Acquire, Analyze and Visualize using LabVIEW	201617-EC-VAC-06	2016-17	1	24	24	Jun-17	
14	106	B.E. ECE	Advanced Embedded C Programming	201617-EC-VAC-07	2016-17	1	23	23	Jun-17	
15	106	B.E. ECE	IC design using EDA front end tool	201617-EC-VAC-08	2016-17	1	22	22	Jun-17	
16	106	B.E. ECE	Medical image processing and its analysis	201617-EC-VAC-09	2016-17	1	23	23	Jun-17	

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17	106	B.E. ECE	Advanced networking of gateway by CISCO	201617-EC-VAC-10	2016-17	1	22	22	Jun-17		
18	106	B.E. ECE	Data acquisition and signal conditioning using LabVIEW	201617-EC-VAC-11	2016-17	1	19	19	Jun-17		
19	105	B.E. EEE	Product Development using Electronic Devices	201617-EE-VAC-01	2016-17	1	110	110	May-17		
20	105	B.E. EEE	Programming in PLC & SCADA	201617-EE-VAC-02	2016-17	1	59	59	May-17		
21	105	B.E. EEE	Programming in JAVA	201617-EE-VAC-03	2016-17	1	61	61	May-17		
22	105	B.E. EEE	Design of Embedded Application in Arduino using IOT	201617-EE-VAC-04	2016-17	1	48	48	May-17		
23	104	B.E. CSE	Android Application Development (L1)	201617-CS-VAC-01	2016-17	1	62	62	May-17		
24	104	B.E. CSE	Android Application Development (L2)	201617-CS-VAC-02	2016-17	1	62	62	May-17		
25	104	B.E. CSE	JAVA Programming (L1)	201617-CS-VAC-03	2016-17	1	132	132	May-17		
26	104	B.E. CSE	JAVA Programming (L2)	201617-CS-VAC-04	2016-17	1	132	132	May-17		
27	104	B.E. CSE	Advanced Data Analytics using Open Source Tools (L1)	201617-CS-VAC-05	2016-17	1	73	73	May-17		
28	104	B.E. CSE	Advanced Data Analytics using Open Source Tools (L2)	201617-CS-VAC-06	2016-17	1	73	73	May-17		
29	103	B.E. CIVIL	Basic Speaking skills in Hindi Language	201617-CE-VAC-01	2016-17	1	57	57	Apr-17		
30	103	B.E. CIVIL	LEED GA/AP Certification training	201617-CE-VAC-02	2016-17	1	50	50	Apr-17		
ACADEMIC YEAR 2017-2018											
1	114	B.E. MECH	Advanced Simulation Techniques using ANSYS Software	201718-ME-VAC-01	2017-18	1	64	64	Mar-18		
2	114	B.E. MECH	Industry Practice Based Proficiency Course for Aerospace – Engineering mechanics, Fatigue and Damage Tolerance	201718-ME-VAC-02	2017-18	1	62	62	May-18		
3	114	B.E. MECH	Industry Practice Based Proficiency Course for Aerospace – Manufacturing Process as applicable to Aerospace and Automotive	201718-ME-VAC-03	2017-18	1	62	62	May-18		
4	114	B.E. MECH	Sheet metal and Surface modeling using CREO software	201718-ME-VAC-04	2017-18	1	64	64	Mar-18		
5	114	B.E. MECH	Fundamental Simulation Techniques using ANSYS Software	201718-ME-VAC-05	2017-18	1	59	59	Mar-18		
6	114	B.E. MECH	Industry Practice Based Proficiency Course for Aerospace – Aircraft Structural Analysis	201718-ME-VAC-06	2017-18	1	64	64	May-18		
7	114	B.E. MECH	Industry Practice Based Proficiency Course for Aerospace – Gas Turbine Engine Design & Development	201718-ME-VAC-07	2017-18	1	64	64	May-18		
8	114	B.E. MECH	Fundamental Drafting and Detailing using CREO software	201718-ME-VAC-08	2017-18	1	60	60	Mar-18		
9	106	B.E. ECE	Embedded systems and IOT by CDAC	201718-EC-VAC-01	2017-18	1	21	21	Jun-18		
10	106	B.E. ECE	Embedded programming for modern processor	201718-EC-VAC-02	2017-18	1	22	22	Jun-18		
11	106	B.E. ECE	HDL modeling of digital circuits using XILINX 12.1 tool	201718-EC-VAC-03	2017-18	1	21	21	Jun-18		

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12	106	B.E. ECE	Model-based design for signal processing	201718-EC-VAC-04	2017-18	1	20	20	Jun-18	http://www.kiot.ac.in/wp-content/uploads/2019/12/1.3.2_17-18_VAC.pdf	
13	106	B.E. ECE	Home networking by CISCO	201718-EC-VAC-05	2017-18	1	20	20	Jun-18		
14	106	B.E. ECE	Graphical programming by LabVIEW	201718-EC-VAC-06	2017-18	1	20	20	Jun-18		
15	106	B.E. ECE	Product design and development	201718-EC-VAC-07	2017-18	1	26	26	Jun-18		
16	106	B.E. ECE	Digital design using mentor graphics back end tool	201718-EC-VAC-08	2017-18	1	26	26	Jun-18		
17	106	B.E. ECE	Image processing analysis using aphelion dev software	201718-EC-VAC-09	2017-18	1	26	26	Jun-18		
18	106	B.E. ECE	Wireless networks for smart city applications	201718-EC-VAC-10	2017-18	1	27	27	Jun-18		
19	106	B.E. ECE	Object-Oriented Design and Programming using LabVIEW	201718-EC-VAC-11	2017-18	1	24	24	Jun-18		
20	106	B.E. ECE	Japanese Language Training (N4 & N5)	201718-EC-VAC-12	2017-18	2	111	111	Jun-18		
21	105	B.E. EEE	Design and development of Real time Embedded Applications	201718-EE-VAC-01	2017-18	1	92	92	May-18		
22	105	B.E. EEE	Programming in PLC & SCADA	201718-EE-VAC-02	2017-18	1	112	112	May-18		
23	105	B.E. EEE	Programming in JAVA	201718-EE-VAC-03	2017-18	1	59	59	May-18		
24	104	B.E. CSE	JAVA Programming	201718-CS-VAC-01	2017-18	1	138	138	May-18		
25	104	B.E. CSE	Core Java (L1)	201718-CS-VAC-02	2017-18	1	71	71	May-18		
26	104	B.E. CSE	Core Java (L2)	201718-CS-VAC-03	2017-18	1	71	71	May-18		
27	104	B.E. CSE	Core Java (L13)	201718-CS-VAC-04	2017-18	1	71	71	May-18		
28	104	B.E. CSE	Advanced Data Analytics using Open Source Tools (L1)	201718-CS-VAC-05	2017-18	1	62	62	May-18		
29	104	B.E. CSE	Advanced Data Analytics using Open Source Tools (L2)	201718-CS-VAC-06	2017-18	1	62	62	May-18		
30	103	B.E. CIVIL	Basic Speaking skills in Hindi Language	201718-CE-VAC-01	2017-18	1	63	63	Feb-18		
ACADEMIC YEAR 2018-2019											
1	114	B.E. MECH	Advanced Simulation Techniques using ANSYS Software	201819-ME-VAC-01	2018-19	1	59	59	Mar-19		
2	114	B.E. MECH	Industry Practice Based Proficiency Course for Aerospace – Engineering mechanics, Fatigue and Damage Tolerance	201819-ME-VAC-02	2018-19	1	64	64	May-19		
3	114	B.E. MECH	Industry Practice Based Proficiency Course for Aerospace – Manufacturing Process as applicable to Aerospace and Automotive	201819-ME-VAC-03	2018-19	1	64	64	May-19		
4	114	B.E. MECH	Sheet metal and Surface modeling using CREO software	201819-ME-VAC-04	2018-19	1	60	60	Mar-19		
5	114	B.E. MECH	Fundamental Simulation Techniques using ANSYS Software	201819-ME-VAC-05	2018-19	1	60	60	Mar-19		
6	114	B.E. MECH	Industry Practice Based Proficiency Course for Aerospace – Aircraft Structural Analysis	201819-ME-VAC-06	2018-19	1	69	69	May-19		

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7	114	B.E. MECH	Industry Practice Based Proficiency Course for Aerospace – Gas Turbine Engine Design & Development	201819-ME-VAC-07	2018-19	1	69	69	May-19	http://www.kiot.ac.in/wp-content/uploads/2019/12/1.3.2_18-19_VAC.pdf
8	114	B.E. MECH	Fundamental Drafting and Detailing using CREO software	201819-ME-VAC-08	2018-19	1	70	70	Mar-19	
9	106	B.E. ECE	Electronic components design and development	201819-EC-VAC-01	2018-19	1	24	24	Jun-19	
10	106	B.E. ECE	Digital system design using FPGA	201819-EC-VAC-02	2018-19	1	19	19	Jun-19	
11	106	B.E. ECE	Generation of data analysis in noisy signal	201819-EC-VAC-03	2018-19	1	25	25	Jun-19	
12	106	B.E. ECE	Cryptography and network security in wireless networks	201819-EC-VAC-04	2018-19	1	18	18	Jun-19	
13	106	B.E. ECE	Modular programming	201819-EC-VAC-05	2018-19	1	22	22	Jun-19	
14	106	B.E. ECE	Hardware design and implementation	201819-EC-VAC-06	2018-19	1	22	22	Jun-19	
15	106	B.E. ECE	Analog IC design using EDA tool	201819-EC-VAC-07	2018-19	1	21	21	Jun-19	
16	106	B.E. ECE	Model-based design for image processing	201819-EC-VAC-08	2018-19	1	20	20	Jun-19	
17	106	B.E. ECE	Advances in wireless communication & network security	201819-EC-VAC-09	2018-19	1	20	20	Jun-19	
18	106	B.E. ECE	Machine Vision using LabVIEW	201819-EC-VAC-10	2018-19	1	20	20	Jun-19	
19	106	B.E. ECE	Japanese Language Training (N4 & N5)	201819-EC-VAC-11	2018-19	2	337	337	Jun-19	
20	105	B.E. EEE	Programming in Embedded C	201819-EE-VAC-01	2018-19	1	115	115	May-19	
21	105	B.E. EEE	Programming in PLC	201819-EE-VAC-02	2018-19	1	105	105	May-19	
22	104	B.E. CSE	JAVA Programming (L1)	201819-CS-VAC-01	2018-19	1	123	123	May-19	
23	104	B.E. CSE	JAVA Programming (L2)	201819-CS-VAC-02	2018-19	1	123	123	May-19	
24	104	B.E. CSE	Core Java (L1)	201819-CS-VAC-03	2018-19	1	65	65	May-19	
25	104	B.E. CSE	Core Java (L2)	201819-CS-VAC-04	2018-19	1	65	65	May-19	
26	104	B.E. CSE	Core Java (L13)	201819-CS-VAC-05	2018-19	1	65	65	May-19	
27	104	B.E. CSE	Advanced Data Analytics using Open Source Tools (L1)	201819-CS-VAC-06	2018-19	1	68	68	May-19	
28	104	B.E. CSE	Advanced Data Analytics using Open Source Tools (L2)	201819-CS-VAC-07	2018-19	1	68	68	May-19	
29	103	B.E. CIVIL	Basic Speaking skills in Hindi Language	201819-CE-VAC-01	2018-19	1	64	64	Feb-19	