Electronics & Telicommunication Engineering Department

CO Attainment Level Course-Wise for session 2016-17

Course Code for all course	Course Name	Attainment Level	Percentage of Attendance
3XT01	Engineering Mathematics-III	0.99	33.00
3XT02	Computer Programming & Application	3.00	100.00
3XT03	Electromagnetic Fields	2.01	67.00
3XT04	Electronic Devices & Measurement	2.61	87.00
3XT05	Electronic Devices & Components	2.74	91.33
4XT01	Communication Engineering-I	3.00	100.00
4XT02	Electronic Devices & Circuits-I	3.00	100.00
4XT03	Network Analysis	3.00	100.00
4XT04	Industrial Management & Quality Control	2.40	80.00
4XT05	Instrumentation	3.00	100.00
5XT01	Electronic Devices & Circuits-II	3.00	100.00
5XT02	Power Electronics	1.78	59.33
5XT03	Control Systems Engineering	3.00	100.00
5XT04	Communication Engineering-II	3.00	100.00
5XT06	Communition Skills	2.27	75.67
6XT01	Digital Integrated Circuit	3.00	100.00
6XT02	Linear Integrated Circuit	3.00	100.00
6XT03	Introduction to Microporcessor	2.61	87.00
6XT04	Digital Communication	3.00	100.00
7XT01	Data Communication Network	3.00	100.00
7XT02	Microcontroler & Application	2.71	90.33
7XT03	Digital Signal Processing	3.00	100.00

7XT04 (Elective-I)	Satellite & Fiber Optic Comunication	2.63	87.67
7XT04 (Elective-I)	Very Large Scale Integration	2.85	95.00
7XT07	Simulation Lab	3.00	100.00
8XT01	Ultra High Frequency & Microwave	3.00	100.00
8XT02	Electronic Circuit Design	3.00	100.00
8XT03	Wireless Communicaiton	3.00	100.00
8XT04	Digital Image Processing	3.00	100.00

Attainment of Program Outcomes 2016-17			
Program Outcomes	PO statement	Attainment Level on a scale of 3 to 1	Percentage of Attainment
PO1	1. Engineering Knowledge: To gain and apply the knowledge of mathematics, allied sciences and engineering fundamentals to solve problems in engineering.	2.09	69.7
PO2	2. Problem Analysis: Ability to identify, formulate and analyze problems in engineering and conduct experiments to reach to valid conclusions.	2.09	69.7
PO3	3. Investigation of complex problems: Ability to carry out research, apply research methodologies, interpreting and analyzing data to solve complex engineering problems.	1.59	53.0
PO4	4. Experimentation: Ability to carry out experimentation, analyzing/interpreting the results and derive appropriate conclusions to attain the objectives pertaining to Electronics & Telecommunication Engineering and allied branches of engineering.	1.96	65.3
PO5	5. Modern tool usage: To select and use appropriate modern engineering software and hardware tools and techniques in Electronics & Telecommunication Engineering and allied branches of engineering.	1.29	43.0
PO6	6. Design and Development: Ability to analyze, design and develop solutions to meet specific requirements in multidisciplinary projects.	1.37	45.7

PO7	7. Product management: Demonstrate knowledge and understanding of engineering and management principles to manage effective solutions in multi-disciplinary environments.	1.66	55.3
PO8	8. Individual and team work: Ability to function effectively as an individual member or leader in diverse teams in fulfilling career objectives.	1.36	45.3
PO9	9. Communication skill: Ability to communicate effectively with the engineering community and society at large with skills in written/oral forms, design documentations, write effective reports and make effective presentations.	1.21	40.3
PO10	10. Social and ethical responsibility: Ability to use engineering knowledge for social development by adhering to ethical principles and commitment to professional ethics.	1.19	39.7
PO11	11. Environment and sustainability: Ability to understand the impact of engineering solutions in societal and environmental contexts for sustainable development.	1.3	43.3
PO12	12. Life-long learning: Ability to recognize the need for, and have the preparation to engage in life-long learning to cope up with technological changes.	1.39	46.3

CO Attainment Level Course-Wise for session 2015-16

Course Outcomes of all courses	Course Name	Attainment Level on a scale of 3 to 1	Percentage of Attainment
3XT01	Engineering Mathematics-III	0.49	16.33
3XT02	Computer Programming & Application	1.32	44.00
3XT03	Electromagnetic Fields	1.23	41.00
3XT04	Electronic Devices & Measurement	1.80	60.00
3XT05	Electronic Devices & Components	3.00	100.00
4XT01	Communication Engineering-I	2.52	84.00
4XT02	Electronic Devices & Circuits-I	2.96	98.67
4XT03	Network Analysis	2.07	69.00
4XT04	Industrial Management & Quality Control	2.00	66.67

4XT05	Instrumentation	2.95	98.33
5XT01	Electronic Devices & Circuits-II	2.17	72.33
5XT02	Power Electronics	3.00	100.00
5XT03	Control Systems Engineering	2.64	88.00
5XT04	Communication Engineering-II	2.16	72.00
5XT6	Communiation Skills	2.27	75.67
6XT01	Digital Integrated Circuit	2.52	84.00
6XT02	Linear Integrated Circuit	2.76	92.00
6XT03	Introduction to Microporcessor	2.66	88.67
6XT04	Digital Communication	2.94	98.00
7XT01	Data Communication Network	2.89	96.33
7XT02	Microcontroler & Application	2.78	92.67
7XT03	Digital Signal Processing	3.00	100.00
7XT04 (Elective-I)	Satellite & Fiber Optic Comunication	3.00	100.00
7XT04 (Elective-I)	Very Large Scale Integration	3.00	100.00
7XT07	Simulation Lab	3.00	100.00
8XT01	Ultra High Frequency & Microwave	2.89	96.33
8XT02	Electronic Circuit Design	2.92	97.33
8XT03	Wireless Communicaiton	2.88	96.00
8XT04	Digital Image Processing	2.89	96.33

Attainment of Program Outcomes 2015-16			
Program Outcomes	PO statement	Attainment Level on a scale of 3 to 1	Percentage of Attainment
PO1	1. Engineering Knowledge: To gain and apply the knowledge of mathematics, allied sciences and engineering fundamentals to solve problems in engineering.	1.7	56.7

PO2	2. Problem Analysis: Ability to identify, formulate and analyze problems in engineering and conduct experiments to reach to valid conclusions.	1.77	59.0
PO3	3. Investigation of complex problems: Ability to carry out research, apply research methodologies, interpreting and analyzing data to solve complex engineering problems.	1.38	46.0
PO4	4. Experimentation: Ability to carry out experimentation, analyzing/interpreting the results and derive appropriate conclusions to attain the objectives pertaining to Electronics & Telecommunication Engineering and allied branches of engineering.	1.65	55.0
PO5	5. Modern tool usage: To select and use appropriate modern engineering software and hardware tools and techniques in Electronics & Telecommunication Engineering and allied branches of engineering.	1.26	42.0
PO6	6. Design and Development: Ability to analyze, design and develop solutions to meet specific requirements in multidisciplinary projects.	1.27	42.3
PO7	7. Product management: Demonstrate knowledge and understanding of engineering and management principles to manage effective solutions in multi-disciplinary environments.	1.47	49.0
PO8	8. Individual and team work: Ability to function effectively as an individual member or leader in diverse teams in fulfilling career objectives.	1.02	34.0
PO9	9. Communication skill: Ability to communicate effectively with the engineering community and society at large with skills in written/oral forms, design documentations, write effective reports and make effective presentations.	1.01	33.7
PO10	10. Social and ethical responsibility: Ability to use engineering knowledge for social development by adhering to ethical principles and commitment to professional ethics.	1	33.3
PO11	11. Environment and sustainability: Ability to understand the impact of engineering solutions in societal and environmental contexts for sustainable development.	1.06	35.3

PO12	12. Life-long learning: Ability to recognize the need for, and have the preparation to engage in life-long learning to cope up with technological changes.	1.18	39.3

CO Attainment Level Course-Wise for session 2014-15

Course Outcomes of all the courses	Course Name	Attainment Level on a scale of 3 to 1	Percentage of Attainment
3XT01	Engineering Mathematics-III	0.11	3.67
3XT02	Computer Programming & Application	2.82	94.00
3XT03	Electromagnetic Fields	1.74	58.00
3XT04	Electronic Devices & Measurement	2.38	79.33
3XT05	Electronic Devices & Components	2.92	97.33
4XT01	Communication Engineering-I	2.65	88.33
4XT02	Electronic Devices & Circuits-I	2.83	94.33
4XT03	Network Analysis	1.12	37.33
4XT04	Industrial Management & Quality Control	2.40	80.00
4XT05	Instrumentation	1.24	41.33
5XT01	Electronic Devices & Circuits-II	2.78	92.67
5XT02	Power Electronics	2.90	96.67
5XT03	Control Systems Engineering	3.00	100.00
5XT04	Communication Engineering-II	1.85	61.67
5XT06	Communication Skills	1.73	57.67
6XT01	Digital Integrated Circuit	2.66	88.67
6XT02	Linear Integrated Circuit	2.96	98.67
6XT03	Introduction to Microporcessor	2.26	75.33
7XT01	Data Communication Network	2.87	95.67
7XT02	Microcontroler & Application	2.90	96.67
7XT03	Digital Signal Processing	2.96	98.67
7XT04 (Eletive-I)	Satellite & Fiber Optic Comunication	2.93	97.67

7XT04 (Elective-I)	Very Large Scale Integration	2.87	95.67
7XT7	Simulation Lab	3.00	100.00
8XT01	Ultra High Frequency & Microwave	2.78	92.67
8XT02	Electronic Circuit Design	2.96	98.67
8XT03	Wireless Communicaiton	2.90	96.67
8XT04	Digital Image Processing	2.94	98.00

Attainment of Program Outcomes 2014-15			
Program Outcomes	PO statement	Attainment Level on a scale of 3 to 1	Percentage of Attainment
PO1	1. Engineering Knowledge: To gain and apply the knowledge of mathematics, allied sciences and engineering fundamentals to solve problems in engineering.	1.47	49.0
PO2	2. Problem Analysis: Ability to identify, formulate and analyze problems in engineering and conduct experiments to reach to valid conclusions.	1.57	52.3
PO3	3. Investigation of complex problems: Ability to carry out research, apply research methodologies, interpreting and analyzing data to solve complex engineering problems.	1.2	40.0
PO4	4. Experimentation: Ability to carry out experimentation, analyzing/interpreting the results and derive appropriate conclusions to attain the objectives pertaining to Electronics & Telecommunication Engineering and allied branches of engineering.	1.47	49.0
PO5	5. Modern tool usage: To select and use appropriate modern engineering software and hardware tools and techniques in Electronics & Telecommunication Engineering and allied branches of engineering.	1.1	36.7
PO6	6. Design and Development: Ability to analyze, design and develop solutions to meet specific requirements in multidisciplinary projects.	1.1	36.7
PO7	7. Product management: Demonstrate knowledge and understanding of engineering and management principles to manage effective solutions in multi-disciplinary environments.	1.29	43.0

PO8	8. Individual and team work: Ability to function effectively as an individual member or leader in diverse teams in fulfilling career objectives.	0.82	27.3
PO9	9. Communication skill: Ability to communicate effectively with the engineering community and society at large with skills in written/oral forms, design documentations, write effective reports and make effective presentations.	0.8	26.7
PO10	10. Social and ethical responsibility: Ability to use engineering knowledge for social development by adhering to ethical principles and commitment to professional ethics.	0.83	27.7
PO11	11. Environment and sustainability: Ability to understand the impact of engineering solutions in societal and environmental contexts for sustainable development.	0.85	28.3
PO12	12. Life-long learning: Ability to recognize the need for, and have the preparation to engage in life-long learning to cope up with technological changes.	1.66	55.3