	5. Apply the knowledge of mathematics, science, engineering fundamentals, and an engineering specialization to the solution of complex engineering problems.	6. Identify, formulate, research literature, and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences, and engineering sciences.experiments, as well as to analyze.	7. Design solutions for complex engineering problems and design system components or processes that meet the specified needs with appropriate consideration for the public health and safety, and the cultural, societal, and environmental considerations.	8. Use research-based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions.
	PO1	**PO2**	**PO3**	**PO4**
SEC A	4.06	4.06	3.98	4.06
SEC B	4.00	4.00	3.91	3.89
SEC C	3.87	3.91	3.83	3.78
Average attainment	**3.98**	**3.99**	**3.91**	**3.91**
Percentage Mapping	**79.51**	**79.80**	**78.12**	**78.19**

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9. Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools including prediction and modelling to complex engineering activities with an understanding of the limitations.	10. Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the professional engineering practice.	11. Understand the impact of the professional engineering solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.	12. Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.	13. Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.	14. Communicate effectively on complex engineering activities with the engineering community and with society at large, such as, being able to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions.
PO5	**PO6**	**PO7**	**PO8**	**PO9**	**PO10**
3.94	4.08	4.09	4.09	4.04	4.00
3.89	3.98	4.04	3.93	4.00	4.11
3.83	3.83	3.78	3.87	3.87	3.91
3.89	**3.96**	**3.97**	**3.97**	**3.97**	**4.01**
77.72	**79.20**	**79.48**	**79.31**	**79.38**	**80.16**

15. Demonstrate knowledge and understanding of the engineering and management principles and apply these to oneâ€™s own work, as a member and leader in a team, to manage projects and in multidisciplinary environments.	16. Recognise the need for, and have the preparation and ability to engage in independent and life-long learning in the broadest context of technological change.	17. Develop ability to analyze, simulate, design and implement analog as well as digital circuits, communication systems, microcomputer system, instrumentation and control system and power system.	18. Utilize probability and statistics; transform methods, engineering mathematics in support of electronics and telecommunication systems.
PO11	**PO12**	**PSO1**	**PSO2**
4.00	4.02	3.94	4.08
3.91	4.00	4.16	4.18
3.78	3.87	3.91	3.96
3.90	**3.96**	**4.00**	**4.07**
77.96	**79.26**	**80.08**	**81.40**

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Head
Dept. of Elect. & Telecom. Engg.
P.R.M.I.T&R Badnera Amravati

PRMITR Department of Electronics and Telecommunication Engineering

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	5. Apply the knowledge of mathematics, science, engineering fundamentals, and an engineering specialization to the solution of complex engineering problems.	6. Identify, formulate, research literature, and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences, and engineering sciences.experiments, as well as to analyze.	7. Design solutions for complex engineering problems and design system components or processes that meet the specified needs with appropriate consideration for the public health and safety, and the cultural, societal, and environmental considerations.	8. Use research-based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions.
	PO1	PO2	PO3	PO4
SEC A	4.32	4.26	4.39	4.42
SEC B	4.00	4.00	4.00	4.00
SEC C	4.35	4.29	4.19	4.29
Average attainment	**4.23**	**4.18**	**4.19**	**4.24**
Percentage Mapping	**84.52**	**83.66**	**83.87**	**84.73**

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9. Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools including prediction and modelling to complex engineering activities with an understanding of the limitations.	10. Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the professional engineering practice.	11. Understand the impact of the professional engineering solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.	12. Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.	13. Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.
PO5	PO6	PO7	PO8	PO9
4.29	4.35	4.35	4.45	4.32
4.00	4.00	4.00	4.00	4.00
4.23	4.26	4.32	4.35	4.26
4.17	**4.20**	**4.23**	**4.27**	**4.19**
83.44	**84.09**	**84.52**	**85.38**	**83.87**

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14. Communicate effectively on complex engineering activities with the engineering community and with society at large, such as, being able to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions.	15. Demonstrate knowledge and understanding of the engineering and management principles and apply these to oneâ€™s own work, as a member and leader in a team, to manage projects and in multidisciplinary environments.	16. Recognise the need for, and have the preparation and ability to engage in independent and life-long learning in the broadest context of technological change.	17. Develop ability to analyze, simulate, design and implement analog as well as digital circuits, communication systems, microcomputer system, instrumentation and control system and power system.	18. Utilize probability and statistics; transform methods, engineering mathematics in support of electronics and telecommunication systems.
PO10	PO11	PO12	PSO1	PSO2
4.45	4.45	4.32	4.45	4.52
4.00	4.00	4.00	4.00	4.00
4.29	4.32	4.26	4.32	4.29
4.25	**4.26**	**4.19**	**4.26**	**4.27**
84.95	**85.16**	**83.87**	**85.16**	**85.38**

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P.R.M.I.T&R Badnera Amravati

Senior Exit Survey Academic Yr. 2021-22

	5. Apply the knowledge of mathematics, science, engineering fundamentals, and an engineering specialization to the solution of complex engineering problems.	6. Identify, formulate, research literature, and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences, and engineering sciences.experiments, as well as to analyze.	7. Design solutions for complex engineering problems and design system components or processes that meet the specified needs with appropriate consideration for the public health and safety, and the cultural, societal, and environmental considerations.	8. Use research-based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions.
	PO1	PO2	PO3	PO4
SEC A	4.465517241	4.362068966	4.413793103	4.379310345
SEC B	4.388888889	4.388888889	4.333333333	4.305555556
SEC C	4.230769231	4.153846154	4.025641026	4.051282051
Average attainment	**4.36172512**	**4.301601336**	**4.257589154**	**4.245382651**
Percentage Mapping	**87.23450241**	**86.03202672**	**85.15178308**	**84.90765301**

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9. Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools including prediction and modelling to complex engineering activities with an understanding of the limitations.	10. Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the professional engineering practice.	11. Understand the impact of the professional engineering solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.	12. Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.	13. Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.
PO5	PO6	PO7	PO8	PO9
4.362068966	4.344827586	4.396551724	4.362068966	4.396551724
4.388888889	4.333333333	4.416666667	4.388888889	4.416666667
4	4.025641026	4.230769231	4.230769231	4.256410256
4.250319285	**4.234600648**	**4.347995874**	**4.327242362**	**4.356542882**
85.0063857	**84.69201297**	**86.95991748**	**86.54484723**	**87.13085765**

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14. Communicate effectively on complex engineering activities with the engineering community and with society at large, such as, being able to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions.	15. Demonstrate knowledge and understanding of the engineering and management principles and apply these to oneâ€™s own work, as a member and leader in a team, to manage projects and in multidisciplinary environments.	16. Recognise the need for, and have the preparation and ability to engage in independent and life-long learning in the broadest context of technological change.	17. Develop ability to analyze, simulate, design and implement analog as well as digital circuits, communication systems, microcomputer system, instrumentation and control system and power system.	18. Utilize probability and statistics; transform methods, engineering mathematics in support of electronics and telecommunication systems.
PO10	PO11	PO12	PSO1	PSO2
4.396551724	4.431034483	4.379310345	4.431034483	4.379310345
4.444444444	4.361111111	4.388888889	4.333333333	4.361111111
4.205128205	4.205128205	4.153846154	4.205128205	4.205128205
4.348708125	**4.3324246**	**4.307348463**	**4.32316534**	**4.31518322**
86.97416249	**86.64849199**	**86.14696925**	**86.46330681**	**86.30366441**

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Head
Dept. of Elect. & Telecom. Engg
P.R.M.I.T&R Badnera Amravati