

-:Vision & Mission of the Department:-

Vision:-

Advancement of learning in electronics and communication technologies so as to contribute to the exploration of area through research and teaching of international standard.

Mission:-

- To produce highly trained manpower in electronics and communication discipline by providing quality education
- To generate state of the art knowledge through research in futuristic and cutting edge areas of technology, such as, space science, VLSI and nano-electronics, millimeterwave technology, computational geometry, image processing, bio-medical application etc.
- To serve as a national knowledge hub for young scientists/teachers in the areas of interest.

Programme Educational Objectives (PEOs) & Programme Outcomes (POs):-

	PEOs	POs
B.Tech(RPE)	<p>a) To make the students confident while serving the industries and other national research organization in the fields of electronics and communication engineering through their leadership in emerging technologies with emphasis on fundamental knowledge and insight</p> <p>b) To generate future pool of teachers and researchers in the discipline of electronics and communication engineering for undertaking national and international challenges of developing emerging areas of technology</p> <p>c) To make the teachers and</p>	<p>a) An ability to apply knowledge of science, mathematics, and Technology principles to practical situations in their respective professional career</p> <p>b) An ability to improve the efficiency of service and quality of products in Electronics and Communication Engineering.</p> <p>c) An ability to function in any segment of multifaceted Electronics and Communication Engineering Teams with leadership qualities.</p> <p>d) An ability to identify formulate and solve the problems relating to Electronics and Communication Engineering.</p>

	<p>students socially conscious about the sustainable development of technology and its implication on social values</p>	<p>e) An ability to understand the professional and ethical responsibility for employment in industry and service sector related to Electronics and Communication Engineering.</p> <p>f) An ability to communicate effectively in multicultural and interdisciplinary environment and work with Team professionalism</p> <p>g) An ability to acquire broad education necessary to understand the impact of Engineering & Technology solutions for global, economic and social environment of Electronics and Communication Engineering.</p> <p>h) An ability to engage in lifelong learning and to update technical know-how by self learning besides learning a great deal by associating with professional bodies and alumni.</p> <p>i) An ability to use the techniques, skills and modern Technology tools necessary to succeed in the graduate competitive examinations and pursue higher studies in Electronics and Communication Engineering.</p> <p>j) An ability to acquire knowledge about contemporary issues.</p>
<p>B.Tech(IT)</p>	<p>a) To make the students confident while serving the industries and other national research organization in the fields of electronics and communication engineering through their leadership in</p>	<p>a) An ability to apply knowledge of science, mathematics, and Technology principles to practical situations in their respective professional career</p> <p>b) An ability to improve the</p>

	<p>emerging technologies with emphasis on fundamental knowledge and insight</p> <p>b) To generate future pool of teachers and researchers in the discipline of electronics and communication engineering for undertaking national and international challenges of developing emerging areas of technology</p> <p>c) To make the teachers and students socially conscious about the sustainable development of technology and its implication on social values</p>	<p>efficiency of service and quality of products in Communication and Information Technology.</p> <p>c) An ability to function in any segment of multifaceted Information Technology Teams with leadership qualities.</p> <p>d) An ability to identify formulate and solve the problems relating to Communication and Information Engineering.</p> <p>e) An ability to understand the professional and ethical responsibility for employment in industry and service sector related to Communication and Information Engineering.</p> <p>f) An ability to communicate effectively in multicultural and interdisciplinary environment and work with Team professionalism</p> <p>g) An ability to acquire broad education necessary to understand the impact of Engineering & Technology solutions for global, economic and social environment of Communication and Information Engineering.</p> <p>h) An ability to engage in lifelong learning and to update technical know-how by self learning besides learning a great deal by associating with professional bodies and alumni.</p> <p>i) An ability to use the techniques, skills and modern Technology tools necessary to succeed in the graduate competitive examinations and pursue higher studies in Information Technology.</p>
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		j) An ability to acquire knowledge about contemporary issues.
M.Tech(RPE)	<p>a) To make the students confident while serving the industries and other national research organization in the fields of electronics and communication engineering through their leadership in emerging technologies with emphasis on fundamental knowledge and insight</p> <p>b) To generate future pool of teachers and researchers in the discipline of electronics and communication engineering for undertaking national and international challenges of developing emerging areas of technology</p> <p>c) To make the teachers and students socially conscious about the sustainable development of technology and its implication on social values</p> <p>d) To generate high quality researchers who would undertake technical research in national and international laboratories and Institutions in the field of Electronics and Communication Engineering</p>	<p>a) An ability to apply knowledge of science, mathematics, and Technology principles to practical situations in their respective professional career</p> <p>b) An ability to improve the efficiency of service and quality of products in Electronics and Communication Engineering.</p> <p>c) An ability to function in any segment of multifaceted Electronics and Communication Engineering Teams with leadership qualities.</p> <p>d) An ability to identify formulate and solve the problems relating to Electronics and Communication Engineering.</p> <p>e) An ability to understand the professional and ethical responsibility for employment in industry and service sector related to Electronics and Communication Engineering.</p> <p>f) An ability to communicate effectively in multicultural and interdisciplinary environment and work with Team professionalism</p> <p>g) An ability to identify technical problems and mitigate them through extensive research</p> <p>h) An ability to engage in lifelong learning and to update technical know-how by self learning besides learning a great deal by associating with professional bodies and alumni.</p>

		<p>i) An ability to survey technical literature and identify emerging field of research</p> <p>j) An ability to benefit society through technical contribution</p>
M.Tech(VLSI)	<p>a) To make the students confident while serving the industries and other national research organization in the fields of VLSI Design through their leadership in emerging technologies with emphasis on fundamental knowledge and insight</p> <p>b) To generate future pool of teachers and researchers in the discipline of VLSI Design for undertaking national and international challenges of developing emerging areas of technology</p> <p>c) To make the teachers and students socially conscious about the sustainable development of technology and its implication on social values</p> <p>d) To generate high quality researchers who would undertake technical research in national and international laboratories and Institutions in the field of VLSI Design</p>	<p>a) An ability to apply knowledge of science, mathematics, and Technology principles to practical situations in their respective professional career</p> <p>b) An ability to improve the efficiency of service and quality of products in VLSI Design Technology.</p> <p>c) An ability to function in any segment of multifaceted Electronics and VLSI Design Teams with leadership qualities.</p> <p>d) An ability to identify, formulate and solve the problems relating to Electronics and VLSI Design.</p> <p>e) An ability to understand the professional and ethical responsibility for employment in industry and service sector related to VLSI Design Technology.</p> <p>f) An ability to communicate effectively in multicultural and interdisciplinary environment and work with Team professionalism</p> <p>g) An ability to identify technical problems and mitigate them through extensive research</p> <p>h) An ability to engage in lifelong learning and to update technical know-how by self learning besides learning a great deal by associating with professional bodies and alumni.</p>

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