



ARUNAI ENGINEERING COLLEGE, TIRUVANNAMALAI
DEPARTEMENT OF ELECTRONICS & COMMUNICATION ENGG
INNOVATION TEACHING TECHNIQUES BY FACULTY



NAME OF THE STAFF	TOPIC	YOUTUBE LINK
ROLE PLAY VIDEO	GENERATION OF RADIATION MICROWAVECOMPONENT - CIRCULATOR MICROWAVECOMPONENT - ISOLATOR	https://youtu.be/IW2IGrHnZkO?si=Ati7unJweB1OJncH https://youtu.be/VFUZjnfvmZg?si=NBgLya5b6POh6MMn https://youtu.be/mGvT5Hfsvco?si=Hs1cDsg6IK9IXpJn
Dr.C.MANIKANDAN	1.INTERFACING LED &SWITCH 2.INTERFACING LED	1. https://youtu.be/dOVIWBbVhhU 2. https://youtube.com/watch?v=8cChvSYz1oQ&feature
L.GURU RAJAN	1.EC-II I. CLAPP OSCILLATOR II.COLPITTS OSCILLATOR III.HARTLEY OSCILLATOR IV.LC OSCILLATOR V. OSCILLATOR INTRODUCTION 2.EE-8551-MICROCONTROLLER 3.MPMC MODE OPERATION 4.MPMC DMA 5.INTER PROCESS COMMUNICATION IN ERTS 6.DETECTION IN DIGITAL COMMUNICATION 7.DC-NON COHERENT DETECTION 8.MPMC 8251 SERIAL COMMUNICATION 9. DIGITAL COMMUNICATION MCQ 10.DC- INTER SYMBOL INTERFERENCE 11. EMBEDDED AND REAL TIME SYSTEM	https://youtu.be/XlF6ouXlaEY https://youtu.be/a5DLKH1tmls https://youtu.be/WINVSAJLdGI https://youtu.be/zekiiYJ0-7Q https://youtu.be/MvuPws3pssQ https://youtu.be/G3aR1ytvJOE https://youtu.be/DKmnWEtPnlE https://youtu.be/BW0Zpx_GYs4 https://youtu.be/XpB0-L4Peqc https://youtu.be/veNvW6aAwvg https://youtu.be/1YcdizOgl7U https://youtu.be/iHUI2EhxM4A https://youtu.be/vAiya0TsAIM https://youtu.be/LMNb_qygwao https://youtu.be/pwPSu3wKcck https://youtu.be/l8B_0_KIW3g



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	<p>12. EMBEDDED MCQ 13. ERTS-SCHEDULING ALGORITHM 14. DC-SHANNON FANO CODING 15. HUFFMAN CODING 16. PROGRAM LEVEL ENERGY AND POWER ANALYSIS IN ERTS 17. SOFTWARE PERFORMANCE OPTIMIZATION IN ERTS 18. DIGITAL COMMUNICATION TECHNIQUES 19. SELF BIAS FOR FET 20. VOLTAGE DIVIDE BIAS FOR FET 21. THERMISTOR AND SENSISTOR 22. DATA COMMUNICATION 23. VOLTAGE SERIES FEEDBACK AMPLIFIER 24. VOLTAGE SHUNT FEEDBACK AMPLIFIER 25. CURRENT SERIES FEEDBACK AMPLIFIER 26. CURRENT SHUNT FEEDBACK AMPLIFIER 27. CLASSIFICATION OF AMPLIFIER AND FEEDBACK TECHNIQUES</p>	<p>https://youtu.be/v6PpfkHXwws https://youtu.be/LajR-hIpxG0 https://youtu.be/NAQZg-8C3wg https://youtu.be/ad2sCFfIJ7Y https://youtu.be/UETxKHB7qg https://youtu.be/o8Lpi12Gz3w https://youtu.be/gS11tPwPdIA https://youtu.be/TfvNrXvINnU https://youtu.be/zHC_eFz4_WI https://youtu.be/-YkUgPpAfTA https://youtu.be/eR397Uoa0zw https://youtu.be/1fztqXn_3mw https://youtu.be/LC227E6U-F0 https://youtu.be/2feCzIrVWZ0 https://youtu.be/cezqBIZV9EM https://youtu.be/Pq7IdYHZLMM</p>
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