



KONGUNADU COLLEGE OF ENGINEERING AND TECHNOLOGY (AUTONOMOUS)

NAMAKKAL-TRICHY MAIN ROAD, THOTTIAM

(Approved by AICTE, New Delhi & Affiliated to Anna University, Chennai)
(Accredited by NBA, Accredited by NAAC with B++ Grade, Recognized by UGC with 2(f) & 12(B) and An ISO 9001:2015 Certified Institution)

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

COURSE MATERIALS- KNCET UGR2020

II Year-III Semester

Sl. No	Subject Code	Subject Name	Question Bank	Unit Notes	Handouts	Video Link
1	20MA302	Transforms and Partial Differential Equations	https://drive.google.com/file/d/1vGu9PQRr4I9HuNJ0FUwwUrvMYAoD5o84/view?usp=sharing	https://drive.google.com/file/d/11awY_BORoxqQlx0LgwRuN3azmXZngemH/view?usp=sharing	https://drive.google.com/file/d/1rPJ3XMvjVunOIwuOlXoxg_LhFv6L-iR/view?usp=sharing	https://www.youtube.com/playlist?list=PLjb9iYpzXCIElTFirzMVptmhkPhJNvWny
2	20EC301	Electronic Circuit –I	https://drive.google.com/file/d/1GX1gaZvMx-BiP7i30mdwsZyLvGnLRrXL/view?usp=sharing	https://drive.google.com/file/d/1CJAADUr-KD5eW2JYo2aUfKM02dCw7Jk1/view?usp=sharing	https://drive.google.com/file/d/1hQ_3Gla7EjRZuQ6q62TUEZtE5InpFnWp/view?usp=sharing	https://www.youtube.com/playlist?list=PL6r21cPVmU7iTE00-zap66ak6w9NWP-u0
3	20EC302	Digital Electronics	https://drive.google.com/file/d/1yMA-b7yVGOxkWkQm55yI59LYUA4b5ncl/view?usp=sharing	https://drive.google.com/file/d/1QDhpAknZGmTViUAoRgwsqqrUYBoQpshV/view?usp=sharing	https://drive.google.com/file/d/1tSzhBac7t5414S8QpZz3emc0aAm90mIf/view?usp=sharing	https://www.youtube.com/watch?v=qYF9cLNA1Fc&list=PLw98BGEcbkweKeZwDlRa0dzazU65DeTpP&index=7

4	20EC303	Signals and Systems	https://drive.google.com/file/d/1cfn1HX86kW5Pnx_CV2SgZfJuekL25pfs/view?usp=sharing	https://drive.google.com/file/d/1Vie1wz7qxs5Kc-YxpABsy4vi6T3f5Q7o/view?usp=sharing	https://drive.google.com/file/d/1s4Y9CgPbmuBZQS0kr-X0kDmSCGG3zoB_/view?usp=sharing	https://www.youtube.com/playlist?list=PL0sPg-lxEilkCcjuKAMT1Izlhx5lOqieR
5	20IT302	C++ and Data Structures	https://drive.google.com/file/d/1r2SvcEWqUR2qTRWOeQ3AuO9ssoRqJ4LU/view?usp=sharing	https://drive.google.com/file/d/1a7_F8JT8I_pvCIwIZcpelisSDzHPWXUK/view?usp=sharing	https://drive.google.com/file/d/1dWgaQLphEeInsOFSSrppJQhrsXXomRH4/view?usp=sharing	https://www.youtube.com/playlist?list=PLTeKwn9FBouxIECOM-QvO4v1N5Fk9RrpK
6.	20MC003	Constitution of India	https://drive.google.com/open?id=1i-_39sfugcTaju9fnJJmPfc2XPMo3YHx	https://drive.google.com/open?id=1fZA3KknI4sRudC5pJhuGrNQy40cQrdSb	https://drive.google.com/open?id=1rlivJsLZTHcVEJB85Uvh0jk-Ee3TvcAy	https://www.youtube.com/playlist?list=PLX2FjfxEm_2WG-1tY5urLVSt6RCz6ZgE

II Year- IV Semester

Sl. No	Subject Code	Subject Name	Question Bank	Unit Notes	Handouts	Video Link
1.	20MA403	Probability and random processes	https://drive.google.com/file/d/1rZlCl5W17lkzpe84WfNVt4qtuMsvI06j/view?usp=sharing	https://drive.google.com/file/d/13IQNYY4SYpteX6EKe6z4Dpy7XnsV3Fza/view?usp=sharing	https://drive.google.com/file/d/1raNZ9V7_QdVgu-KIhngkzjkWzUqGvXDs/view?usp=sharing	https://www.youtube.com/playlist?list=PLKmr8XQgF8pW026pCX42bOb1cLYp8WZQZ
2.	20EC401	Electronic Circuits- II	https://drive.google.com/open?id=1-wI61rejJE5he9K82mfghH52PbtIvyfFp	https://drive.google.com/open?id=1p5s-GaW-BX2Xy33fg3fyXDQ0kCSTt-NB	https://drive.google.com/open?id=1o3_10_VQ9slWL4ie0l8VQsVAjuwNUtix	https://www.youtube.com/watch?v=sZOfiA0yBVo&list=PL6r21cPVmU7jKKwniWR24Zwq3lmOI7q3p

3.	20EE303	Electromagnetic Fields	https://drive.google.com/open?id=1yd64Uo_ODbICwZQNMLhfMsxOJFOoIVx2	https://drive.google.com/open?id=1dmshQSlqrdqcM61f-cRL8vE4f4wZOoGc	https://drive.google.com/open?id=1HuZqC50urNiF3q607D6DfmSpuXC7YOYQ	https://www.youtube.com/playlist?list=PLOzm_eygWSz7APiNmP_F0KDt_7nMpLhXB
4.	20EC402	Linear Integrated Circuits	https://drive.google.com/open?id=1oTiFcdUMrmq8w2jotn8lqux6bf5aVfbP	https://drive.google.com/open?id=1Ju-D17Cm6I1O0JNSfQvhoPewMyERpcqn	https://drive.google.com/open?id=1jQqSLrwsR9_ngV2xXYf_qjXWKLW4Dz2a	https://www.youtube.com/watch?v=KS_JB8wJwT8&list=PLXMcBvzO6uYAkMKIZ_nuBGQOMjTyJAIGG
5.	20EC403	Communication Theory	https://drive.google.com/open?id=1NtLWEDidTuxHQ-3wKlwpbqitm6a1O1KM	https://drive.google.com/open?id=1GDjkzcQrXOi5VVXG5zriCV3vzLHACwKQ	https://drive.google.com/open?id=16XHTQ2Tiqnko-AdLRFkdrfuYHmDAdbq6	https://www.youtube.com/playlist?list=PLIiPfwa0ZUheS35DNKdNOq3-1RjszqJs
6.	20EC404	Control Systems Engineering	https://drive.google.com/open?id=1fRnaKuaeXzvM_gfPaz0v-OXnfpYDliE2	https://drive.google.com/open?id=1lhP0RYCbM9AKWJ1oI8f4F-u_q6_NCc0h	https://drive.google.com/open?id=1kFo64PIk9T6eVfKbYnh5LvCoQW9BVjhfhf	https://www.youtube.com/playlist?list=PLEvy0DQCqeJtRW_fBOQzc_xngLYxVLnmSW

III Year – V SEMESTER

Sl. No	Subject Code	Subject Name	Question Bank	Unit Notes	Handouts	Video Link
1.	20EC501	Digital Communication	https://drive.google.com/open?id=1AHi2K0mMHRnKEgue8eftfMZvKAFOxhyo	https://drive.google.com/open?id=1hhoMYRsuB5WAtOOcgXFzhg7x8WehszMQ	https://drive.google.com/open?id=1bJnc0AtE_BXuws_mv4UzDNsxxHRJy-2X	https://www.youtube.com/playlist?list=PLX2FjfxEm_2UcQi5-HkOKaqpwc37V4OfZ
2.	20EC502	Microprocessors and Microcontrollers	https://drive.google.com/open?id=1UNV61_Ph1QrAiKR0hwk3oygBPM4boTw_	https://drive.google.com/open?id=12dM9CaKrdo1AkG6yCbxXGbGhg9u7VSo	https://drive.google.com/open?id=1plxouhNrD22Z5LTEFYkqzJj9eF7j8prA	https://www.youtube.com/playlist?list=PLOzm_eygWSz6QxXcftt0238yaRDbI68z

3.	20EC503	Transmission Lines and Waveguides	https://drive.google.com/open?id=1u3yuX82Ak_vFILDDx_-3dSmlP6uPofcei	https://drive.google.com/open?id=1btSBqzGB1mFRsNTvo15uKhNA1dtdlbpqg	https://drive.google.com/open?id=14QAudtWP2V-Z8bVq0y7kndsICKBJ1kdB	https://www.youtube.com/playlist?list=PLxiUSrw1csVNUUnwCSEUEOjHUSvrUuL04
4.	20EC504	Digital Signal Processing	https://drive.google.com/open?id=1wS7mYMaUz-ayg1LST8rDNRuDRIWddpPb	https://drive.google.com/open?id=17C26lr2Gn4OPRlZj37jCwXu_W09dyTU-	https://drive.google.com/open?id=15n6mWncvFyIDC9I7bD6QoiQ3ErhqADdN	https://www.youtube.com/playlist?list=PL_Evy0DQCqeJvHCxBZHjusiGchOjb4oPqd
5.	20MC002	Universal Human Values 2: Understanding Harmony	https://drive.google.com/open?id=1q4utQHfT24qp7BHCtRG4ckVs9EuPsKbN	https://drive.google.com/open?id=1CC2G04vamNdR9PBKax6DsAfPsR6s_bwL	https://drive.google.com/open?id=1Ayp1XQY24CKaToy8XFQRQxfFbOcc9sNu	https://www.youtube.com/watch?v=9URkMCM8fKY&list=PLsg8FclxRZEfZ-SG1NYl5tnmfBm5TQhjQ&index=1
6.	20EC503PE	Internet of Things	https://drive.google.com/open?id=1-jETfRiCuyHUBi0SRuFDXJ7s3nspK9OV	https://drive.google.com/open?id=1Pr48OtchlIkexM6KYA7H0C_BW0BqOmauf	https://drive.google.com/open?id=1GtedVONvVqNuCGWjrvOOGLvqt_RP5u8r	https://www.youtube.com/playlist?list=PLFktPwPGSAM94YQYS8WhaG1du3LkKShcq

III Year – VI SEMESTER

Sl. No	Subject Code	Subject Name	Question Bank	Unit Notes	Handouts	Video Link
1.	20EC601	Antenna and Wave Propagation	https://drive.google.com/open?id=1YjZ0ubV1n7TJYtFUebK6_BkvXpdJ0x_n	https://drive.google.com/open?id=1mnAhN6nkAP8rjwxOc09qGyCd-SPE7EVF	https://drive.google.com/open?id=1kRAyIWe30z1JgpiOyv1xmSMv3jQa1nrX	https://www.youtube.com/playlist?list=PLxiUSrw1csVOMUfWEnybkZePdAG_HYdf2
2.	20EC602	VLSI Design	https://drive.google.com/open?id=1atH2akLQUR1zc_ASpZ9V32YaFErOUNoz	https://drive.google.com/open?id=1HfdTSmEO	https://drive.google.com/open?id=152XxwTg0tezwD	https://www.youtube.com/playlist?list=PLrQzC

				LY5fjrhwUimJ HrBKTb6d_1lv	5e7HtyEhmb5Ib5 XGmi_	AP2MKm2 GRgQUvu6 GLrEL4Qq SlKCcy
3.	20CS401	Computer Networks	https://drive.google.com/open?id=1OBOLa6yPVA3Z0LRJbE BUqjPToW64X_-C	https://drive.google.com/open?id=1hZH_eMX_xX0IsACHHKykKvzQYrfQq1vQ	https://drive.google.com/open?id=1d4JRHtAIPV2Fzzcxnz2d-oy_mWb55ink	https://www.youtube.com/playlist?list=PLmNEfLckf2bvD4r4a1iWbCeBW48E_31qT
4.	20MG501	Principles of Management	https://drive.google.com/file/d/19UKVt0kgR55vquiVcJ4MyvLF3iesoe1Q/view?usp=sharing	https://drive.google.com/file/d/1MBxTXSCT0x01WykXIYeVofkKnUmNVay1/view?usp=sharing	https://drive.google.com/file/d/1M37F2IlpfxZiNW3jl6SCTiDmIfka9s9u/view?usp=sharing	https://www.youtube.com/watch?v=8DxTE66cbYw&list=PL0ONqr2PEV-B2aVVUWU2s5lm45weDuGL0&index=5
5.	20EC601PE	Digital Image Processing Techniques	https://drive.google.com/open?id=1mlZlviSxb_VVshtbOnywMlBdrpnSW3yd	https://drive.google.com/open?id=1kF3QntFrplvX6iHzNKsmRPJKjpuaHqAS	https://drive.google.com/open?id=1IfN2hQfXP1PYEe1Mo59VEe2qNhV_Nmhm	https://www.youtube.com/playlist?list=PL5_kjiPBXHeTvBnX6vnIfmX95nq8aAI2B
6.	20BM501OE	Basics of Biomedical Instrumentation	https://drive.google.com/open?id=1ldIg1YBs7cA9fRabZmHF5uRqWr_4cL6i	https://drive.google.com/open?id=1b14NtXoAyf862TiW-x3QK3786gdrM1pc	https://drive.google.com/open?id=1sTx7JaMRR2KoZHG18E8MBVw1CIsEjOUZ	https://www.youtube.com/playlist?list=PLOzmeygWSz4087_udMCyRM-W4VThvmx

IV Year- VII Semester

Sl. No	Subject Code	Subject Name	Question Bank	Unit Notes	Handouts	Video Link
1	20EC701	Embedded and Real Time Systems	https://drive.google.com/open?id=1RysLfLxg_-qayOC35eTJlOTI6RWtr-rk	https://drive.google.com/open?id=1D2lcIVjs1sJMOY_SAXa8I0DRo6j-SQHI	https://drive.google.com/open?id=1N9it5Lkt7CQLy0y_nY4YIb_1Wkm_bHwq	https://www.youtube.com/playlist?list=PLj0E_TggxJAc6qoYXmE0U3bS6-hEibd4e
2	20EC702	Microwave Engineering and Optical Communication	https://drive.google.com/open?id=138uOS_xBmJw-xPROeQFwgZCJzfB1Pebt	https://drive.google.com/open?id=1qHTZ_29HJ6ZRDvHReTDUraJMfTfTKJOP	https://drive.google.com/open?id=1MMnt_8MMxAa_1UWP1209CLlqnb10J3Wx	https://www.youtube.com/playlist?list=PLRQzCAP2MKm0ZMf55ArUinR6yP5dgNWBa
3	20EC703PE	Transducer Engineering	https://drive.google.com/open?id=1sDumYh39VxiqrWcOnHEHZDpUmV9xWsYr	https://drive.google.com/open?id=1qLnVsTb952X8Raz95jJHVQtObOLsH9fL	https://drive.google.com/open?id=12RHSAmw6qYtTGscHXvI8THNFq5T8SIR7	https://www.youtube.com/playlist?list=PL6r21cPVmU7j0P3cWuNslULTYVy6KFleN
4	20EC707PE	Wireless Networks	https://drive.google.com/open?id=1ebk82Cg22H-MLx3PLNGzpYi0Pf0lrol-	https://drive.google.com/open?id=1HXmHbzKKaErjP_pFDXsaLbjfqsRIOvng	https://drive.google.com/open?id=1Z2l7ARZLByVnsHaCRb847sx7xnRZVNOq	https://www.youtube.com/playlist?list=PLOzmeygWSz6X7iu_yXToOtrsTxktvnva

5	20EE701OE	Energy Storage Systems	https://drive.google.com/open?id=1zqTPvyTYyqJYjFv3BuhSHpksGbtHf5ut	https://drive.google.com/open?id=1tD5DuVaU6Fx5lKAqx7t6nqwTsVUBozVi	https://drive.google.com/open?id=15QcuIN_6me ar9p9AcdAjbn_4SRMS8Soi	https://www.youtube.com/playlist?list=PLjFypM0ddCrduPhG4uwTtLgTNnhkyjkh
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IV YEAR – VIII SEMESTER

SL. No	Subject Code	Subject Name	Question Bank	Unit Notes	Handout	Video Lecture
1.	20MG701	Total Quality Management	https://drive.google.com/file/d/1onqxSHIfHn3QW4H0KxCiIU79-U6IF8S/view?usp=sharing	https://drive.google.com/file/d/1LX3lFATU60SFkDGUAia5jzkAf3ulHEw/view?usp=sharing	https://drive.google.com/file/d/1Rygs0l_wDmBNMlrNsxIHflpTkFeu3znq/view?usp=sharing	https://youtube.com/playlist?list=PLsg8FclxRZEdGEZhqc-VUKC9muhGOtQ3p&feature=shared
2.	20EC801PE	Satellite Communication	https://drive.google.com/file/d/1qI632QEDC1uYZs_RVxQXhBgK0P3EAelq/view?usp=sharing	https://drive.google.com/file/d/1zMhHkxxhwp6rrxGouzGf6tBvfNcI6wo3/view?usp=sharing	https://drive.google.com/file/d/1i_mv8AZjlwhx9GmUubeh2qHy6GmdOL-/view?usp=sharing	https://www.youtube.com/watch?v=9fiCIVWonc4&list=PLEvy0DQCqeJvRg0h9ojy5M4Z6DmfeC9VV&index=2