



S J P N Trust's

Hirasugar Institute of Technology, Nidasoshi.*Inculcating Values, Promoting Prosperity*

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EEE Dept.

Academics

Links of Video Lectures

DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGG.**Sem:III**

Sl. No.	Subject Name	Subject Code	Web Link
1	Engineering Mathematics - III	10MAT31	http://www.nptelvideos.com/lecture.php?id=13438 http://www.nptelvideos.com/lecture.php?id=14288 http://www.nptelvideos.com/lecture.php?id=13586 http://www.nptelvideos.com/lecture.php?id=14525 http://www.nptelvideos.com/lecture.php?id=14000
2	Analog Electronic Circuits	10ES32	https://nptel.ac.in/courses/108102095/ https://youtu.be/l6M6FvjUdTI https://youtu.be/c3oKdjDIImXo https://youtu.be/jaOxeB-BQ8E https://youtu.be/6Zm9Kt5-cxQ https://youtu.be/iLCQUHJkFM8 https://youtu.be/SpvmeG1hs7k https://youtu.be/0K6vyowDAKM https://youtu.be/Sr-Sm_d3oVE https://youtu.be/Pe6BmuAc2OY https://youtu.be/btphIK1d4Ro
3	Logic Design	10ES33	https://youtu.be/CeD2L6KbtVM?list=PL803563859BF7ED8C https://youtu.be/BqP6sVYlrr0?list=PL803563859BF7ED8C https://youtu.be/sUutDs7FFeA?list=PL803563859BF7ED8C https://youtu.be/XCiLHOZsQI8?list=PL803563859BF7ED8C https://youtu.be/FwJalVfn50?list=PL803563859BF7ED8C https://youtu.be/EznCqZ1eh5Q?list=PL803563859BF7ED8C https://youtu.be/ygm25sqqepg?list=PL803563859BF7ED8C https://youtu.be/i_HYxdri69Y?list=PL803563859BF7ED8C https://youtu.be/kgL5UaSVuro?list=PL803563859BF7ED8C https://youtu.be/6EstVLJxwW8?list=PL803563859BF7ED8C https://youtu.be/NAqR-OGjgoQ?list=PL803563859BF7ED8C https://youtu.be/36hCizOk4PA?list=PL803563859BF7ED8C https://youtu.be/6OKQJCnx3is?list=PL803563859BF7ED8C



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			8C https://youtu.be/CwIk8IyrMI8?list=PL803563859BF7ED88C C https://youtu.be/ibQBB5yEDIQ?list=PL803563859BF7ED88C 8C https://youtu.be/2ecMG_OciLo?list=PL803563859BF7ED88C C https://youtu.be/4CRPlaBnfV0?list=PL803563859BF7ED88C C https://youtu.be/PnwYW3RWARw?list=PL803563859BF7ED88C D8C https://youtu.be/Iecj9xmIfXM?list=PL803563859BF7ED88C C https://youtu.be/MiuMYEn3dpg?list=PL803563859BF7ED88C D8C https://youtu.be/t1_rhFnKAeo?list=PL803563859BF7ED88C C https://youtu.be/O3If0Nr9to0?list=PL803563859BF7ED88C C
4	Network Analysis	10ES34	http://nptel.vtu.ac.in/econtent/courses/EEE/15EE32/index.php http://nptel.vtu.ac.in/econtent/courses/ECE/15EC34/index.php https://www.youtube.com/watch?v=oXvScMmumjU&list=PLBRMhDVUMngfdEXVcdf_ijj2Eub-UHs_y&index=11
5	Measurements and Instrumentation	10EE35	https://www.youtube.com/watch?v=3rOvQ3qFZpI https://www.youtube.com/watch?v=EWTPvrJQG https://www.youtube.com/watch?v=jyRT2dJAuAg https://www.youtube.com/watch?v=u5lh_nyCXEs https://www.youtube.com/watch?v=xX2YjPwZY-g https://www.youtube.com/watch?v=jlPzA95zXKs https://www.youtube.com/watch?v=KsykW43-g24 https://www.youtube.com/watch?v=wO6Eh_r8IEs https://www.youtube.com/watch?v=-orsmxHOLOM https://www.youtube.com/watch?v=Bf3547WB5qs https://www.youtube.com/watch?v=SNMI2skCOpQ
6	Electrical Power Generation	10EE36	https://www.youtube.com/watch?v=uy9lZCdkQIM&list=PLD4ED2FAF3C155625 https://www.youtube.com/watch?v=Yg6XsepGCKY&list=PLD4ED2FAF3C155625&index=2 https://www.youtube.com/watch?v=45_nQN-9XSs&list=PLD4ED2FAF3C155625&index=3



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Links of Video Lectures

Sem:IV

Sl. No.	Subject Name	Subject Code	Web Link
1	Mathematics-IV	10MAT 41	http://www.nptelvideos.com/lecture.php?id=13426 http://www.nptelvideos.com/lecture.php?id=13428 http://www.nptelvideos.com/lecture.php?id=14415 http://www.nptelvideos.com/lecture.php?id=13449 http://www.nptelvideos.com/lecture.php?id=14415 http://www.nptelvideos.com/lecture.php?id=14415
2	Micro-controller	10ES 42	https://www.youtube.com/watch?v=MqWeH3zp5GY&list=PLXgxwcpUnIG-EvGsehcV8Rj7VZcsd1JYB https://www.youtube.com/watch?v=liRPtvj7bFU&list=PL0E131A78ABFBFDD0 https://www.youtube.com/watch?v=GPz_mR7Flas https://www.youtube.com/watch?v=6R7JDkpG1Wk&list=PLrjkTq13jnm8HbdMwBYIMAd3UdstWChFH https://www.youtube.com/watch?v=pA6K5NgWTow https://www.youtube.com/watch?v=EEaOR2p9G2k
3	Control System	10ES 43	https://www.youtube.com/watch?v=o3bRqh4IICA https://www.youtube.com/watch?v=PcMRNv35d8w https://www.youtube.com/watch?v=vVFDm_CdQw&list=PL692A7B9169289C4F https://www.youtube.com/watch?v=zXMkIO-jxIo
4	Field Theory	10EE 44	https://nptel.ac.in/courses/108106073/ https://nptel.ac.in/courses/115101005/
5	Power Electronics	10EE 45	https://www.youtube.com/watch?v=1Auay7ja2oY&list=PL6D4C869487881352 https://www.youtube.com/watch?v=PEg0zb3cg2A&list=PL6D4C869487881352&index=2 https://www.youtube.com/watch?v=p_4j_x4ZyzM&list=PL6D4C869487881352&index=3 https://www.youtube.com/watch?v=QqFIHhSkayw&list=PL6D4C869487881352&index=4 https://www.youtube.com/watch?v=R-ZGu5KAF90&list=PL6D4C869487881352&index=5 https://www.youtube.com/watch?v=ZYzuUWypgVw&list=PL6D4C869487881352&index=9
6	Transformer & Induction Machines	10EE 46	https://youtu.be/qmcriUdYBW0?list=PL59861DBF8EC85491 https://youtu.be/oJtY6xn6dkQ?list=PL59861DBF8EC85491 https://youtu.be/C3YzOOKFVEg?list=PL59861DBF8EC85491



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Links of Video Lectures

<https://youtu.be/JPhCxbxPHbo?list=PL59861DBF8EC85491>
<https://youtu.be/VqHWQoyZubg?list=PL59861DBF8EC85491>
<https://youtu.be/b26mP8SSvtg?list=PL59861DBF8EC85491>
https://youtu.be/WV6Ge_XnaWc?list=PL59861DBF8EC85491
<https://youtu.be/s86tXyDQIxg?list=PL59861DBF8EC85491>
<https://youtu.be/mTaznSfo0uQ?list=PL59861DBF8EC85491>
https://youtu.be/KOE_ec-MkAA?list=PL59861DBF8EC85491
<https://youtu.be/cneuckplrtI?list=PL59861DBF8EC85491>
https://youtu.be/A6KTFaxTs_k?list=PL59861DBF8EC85491
<https://youtu.be/7dIYcGFOAIA?list=PL59861DBF8EC85491>
<https://youtu.be/pNTsowZYUSs?list=PL59861DBF8EC85491>
<https://youtu.be/dZyO5gcWP-o?list=PLLQiBbMXygz7zALKpbP87g4QaS9YGesZ5>
<https://youtu.be/ze8LY4yq9Wk?list=PLLQiBbMXygz7zALKpbP87g4QaS9YGesZ5>
<https://youtu.be/FrbxxqNHn2I?list=PLLQiBbMXygz7zALKpbP87g4QaS9YGesZ5>
https://youtu.be/GayRzjI_imk?list=PLLQiBbMXygz7zALKpbP87g4QaS9YGesZ5



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Academics

Links of Video
Lectures**Sem:V**

Sl. No.	Subject Name	Subject Code	Web Link
1	Management and Entrepreneurship	10AL51	https://www.youtube.com/watch?v=lj7ZnyskZuA https://www.youtube.com/watch?v=Xcsp0486oIY https://www.youtube.com/watch?v=w-vvrcQdpZQ https://www.youtube.com/watch?v=T9jtkD3ceu0 https://www.youtube.com/watch?v=b1wqyKnMo8Y
2	Signals and Systems	10EE52	http://www.nptelvideos.in/2012/12/signals-and-system.html https://www.youtube.com/watch?v=xrVWB9VYZ64&list=PLq-Gm0yRYwTjwxaqapPsSAHzs4_nkQLVr https://www.youtube.com/watch?v=879pXoml0XI
3	Transmission and Distribution	10EE53	https://www.youtube.com/watch?v=fBmldr_gRBk&list=PL36A60B630E8C7B56 https://www.youtube.com/watch?v=dhmYOIBcwOU&list=PL36A60B630E8C7B56&index=3
4	D.C. Machines and Synchronous Machines	10EE54	https://youtu.be/NiHPu5PltCY?list=PL59861DBF8EC85491 https://youtu.be/CSnTL9ndyis?list=PL59861DBF8EC85491 https://youtu.be/PKXFbupP1ao?list=PL59861DBF8EC85491 https://youtu.be/0kaKoNLoHLk?list=PL59861DBF8EC85491 https://youtu.be/R3HUkHq_WIA?list=PL59861DBF8EC85491 https://youtu.be/TiWjiGRTC0A?list=PL59861DBF8EC85491 https://youtu.be/E15Xs-5rFS0?list=PL59861DBF8EC85491 https://youtu.be/xUOpQ_jkkgg?list=PL59861DBF8EC85491 https://youtu.be/kOj8dA9cKXo?list=PL59861DBF8EC85491 https://youtu.be/0sxAn1jDqBU?list=PL59861DBF8EC85491 https://youtu.be/5qzUm3PvWXA?list=PL59861DBF8EC85491 https://youtu.be/AbvW9rJfJso?list=PL59861DBF8EC85491 https://youtu.be/bn_SYn8xd6g?list=PL59861DBF8EC85491 https://youtu.be/o9-xSeWuhng?list=PL59861DBF8EC85491 https://youtu.be/b24jORRoxEc



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Links of Video Lectures

5	Modern Control theory	10EE55	http://nptel.vtu.ac.in/econtent/courses/EEE/06EE51/index.php https://www.youtube.com/watch?v=HmXH-bOdFTM&list=PLoUYKXq85h6BF-6O68v-wh27zC-fQjTwj https://www.youtube.com/watch?v=6iqj_vUxMXc&list=PLoUYKXq85h6BF-6O68v-wh27zC-fQjTwj&index=2
6	Linear IC's and Applications	10EE56	https://www.youtube.com/watch?v=ZjcLIHcsDZs https://www.youtube.com/watch?v=egCiRSasxpw https://www.youtube.com/watch?v=TQlyLhOFyKI https://www.youtube.com/watch?v=gbUXbaxvX94 https://www.youtube.com/watch?v=Gvb4GIV5ig8 https://pt.coursera.org/lecture/electronics/3-2-first-order-highpass-filters-OhCWF https://www.youtube.com/watch?v=gEeF8sEQTEc



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Academics

Links of Video Lectures

Sem:VI

Sl. No.	Subject Name	Subject Code	Web Link
1	Power System Analysis and Stability	10EE 61	http://nptel.vtu.ac.in/econtent/courses/EEE/EE61/index.php https://www.youtube.com/watch?v=24X4znh4nl0&list=PL36A60B630E8C7B56&index=26 https://www.youtube.com/watch?v=NHxGvHHZTQQ&list=PL36A60B630E8C7B56&index=27 https://www.youtube.com/watch?v=24m4xnIFj4E&list=PL36A60B630E8C7B56&index=28 https://www.youtube.com/watch?v=ZnlZ_PXuxQ4&index=29&list=PL36A60B630E8C7B56 https://www.youtube.com/watch?v=-NkoZx8gdqM&list=PL36A60B630E8C7B56&index=33
2	Switchgear and Protection	10EE 62	https://www.youtube.com/watch?v=vxxYRONYzvK https://www.youtube.com/watch?v=NC8QNyC2bjo https://www.youtube.com/watch?v=LAKNEp-3ZTM https://www.youtube.com/watch?v=fQckNfWEHzM https://www.youtube.com/watch?v=TX3RKwFqUc https://www.youtube.com/watch?v=yFCWzQxT3nE https://www.youtube.com/watch?v=q4yYynTVmL8 https://www.youtube.com/watch?v=qhl5ZEKegXc
3	Electrical Machine Design	10EE 63	https://youtu.be/XOgPqtLy1Sk?list=PLBBlizAtccSR6ua7ibB1mbU2eSkrVQcEI https://youtu.be/ncWaPcZx0z0?list=PLBBlizAtccSR6ua7ibB1mbU2eSkrVQcEI https://youtu.be/nF9FF7220dM?list=PLBBlizAtccSR6ua7ibB1mbU2eSkrVQcEI https://youtu.be/aWMNRCuQJCA?list=PLBBlizAtccSR6ua7ibB1mbU2eSkrVQcEI https://youtu.be/i1m2blc-LVI?list=PLBBlizAtccSR6ua7ibB1mbU2eSkrVQcEI https://youtu.be/5UJM3bN6mYQ?list=PLBBlizAtccSR6ua7ibB1mbU2eSkrVQcEI https://youtu.be/nuhFkg7jynU?list=PLBBlizAtccSR6ua7ibB1mbU2eSkrVQcEI https://youtu.be/K8eKaXINxP8?list=PLBBlizAtccSR6ua7ibB1mbU2eSkrVQcEI https://youtu.be/w92u97IMS0o?list=PLBBlizAtccSR6ua7ibB1mbU2eSkrVQcEI https://youtu.be/pLcS5s58H70?list=PLBBlizAtccSR6ua7ibB1mbU2eSkrVQcEI https://youtu.be/0G9voYbjgBA?list=PLBBlizAtccSR6ua7ibB1mbU2eSkrVQcEI https://youtu.be/YGS80xD_Elk?list=PLBBlizAtccSR6ua7ibB1mbU2eSkrVQcEI



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Links of Video
Lectures

			7ibB1mbU2eSkrVQcEI https://youtu.be/cVvk8CBP-oU?list=PLBBlizAtccSR6ua7ibB1mbU2eSkrVQcEI https://youtu.be/tz4cKvvfESU?list=PLBBlizAtccSR6ua7ibB1mbU2eSkrVQcEI https://youtu.be/020AeaYRb24?list=PLBBlizAtccSR6ua7ibB1mbU2eSkrVQcEI https://youtu.be/9wGmdM_Y-ZY?list=PLBBlizAtccSR6ua7ibB1mbU2eSkrVQcEI https://youtu.be/YTitx0JnZTY?list=PLBBlizAtccSR6ua7ibB1mbU2eSkrVQcEI https://youtu.be/Q13MFt3gWcc?list=PLBBlizAtccSR6ua7ibB1mbU2eSkrVQcEI https://youtu.be/ouh43S2jDf0?list=PLBBlizAtccSR6ua7ibB1mbU2eSkrVQcEI https://youtu.be/wDb7XO5Vg3A?list=PLBBlizAtccSR6ua7ibB1mbU2eSkrVQcEI
4	Digital Signal Processing	10EE 64	http://www.nptelvideos.in/2012/11/digital-signal-processing.html https://www.youtube.com/watch?v=6dFnpz_AEyA&list=PL5B679999E00DF9E2 https://www.youtube.com/watch?v=fCTfKL3XIuA https://www.youtube.com/watch?v=Pk7m3JaNdkw https://www.youtube.com/watch?v=IAU5JrSeBB8
5	Computer Aided Electrical Drawing	10EE 65	https://youtu.be/KbcznIMIAss https://youtu.be/KfkwxS3Tc6c https://youtu.be/3zZj2eJBrPw
6	Electrical Engg. Materials	10EE 666	https://www.youtube.com/watch?v=XaId7WR0mGo https://www.youtube.com/watch?v=nT2xCfBucT4 https://www.youtube.com/watch?v=fyeY4M2KEDs https://www.youtube.com/watch?v=6yCHNLXijJY



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Academics

Links of Video
Lectures**Sem:VII**

Sl. No.	Subject Name	Subject Code	Web Link
1	Computer techniques in Power system	10EE71	https://onlinecourses.nptel.ac.in/noc9_ee13/preview https://nptel.in/courses/117105140/26 https://www.youtube.com/watch?v=jshYoB3rmJM
2	Electrical Power Utilization	10EE72	https://nptel.ac.in/courses/10805060/ https://nptel.ac.in/courses/11314008/38
3	High Voltage Engg.	10EE73	https://www.youtube.com/watch?v=vVfLRM2DgLY https://www.youtube.com/watch?v=yP7OACmLP48 https://www.youtube.com/watch?v=1bkiWJKxkfo https://www.youtube.com/watch?v=aMux1jYFFY8&list=PLc259DvjuXMD08n_BFwoNwAagCxPL0dDk&index=5&t=0s https://www.youtube.com/watch?v=PKXPeTvmVQg https://www.youtube.com/watch?v=CODhHSpWp3k https://www.youtube.com/watch?v=3aQsJYZaw_U
4	Industrial Drives & Application	10EE74	https://www.youtube.com/watch?v=Ub-csHc4VhA&list=PLED1B6C0DE8A84B6E https://www.youtube.com/watch?v=fn6dk508F1c https://www.youtube.com/watch?v=0S9HiKro8Gc https://www.youtube.com/watch?v=WfEvwIX3EMQ https://www.youtube.com/watch?v=y1VuGwoIYv0
5	Testing and Commissioning of Electrical Equipments	10EE756	https://www.youtube.com/watch?v=X1mrFT02lpk https://www.youtube.com/watch?v=lxQPdrgl8X0
6	VLSI Circuits and Design	10EE764	https://www.youtube.com/watch?v=9SnR3M3CIm4&list=PL018645397D9487AF&index=1 https://www.youtube.com/watch?v=o9vEnzLL-IY http://www.nptelvideos.in/2012/12/vlsi-design.html https://www.youtube.com/watch?v=Y8FvzvcocT4&list=PL1DAD54A7FDABC7AB https://www.youtube.com/watch?v=wqRGa5sOUmc https://www.youtube.com/watch?v=fwNkg1fsqBY
7	Programmable Logic controllers	10EE752	https://nptel.ac.in/courses/112102011/11 http://www.nptelvideos.in/2012/11/industrial-automation-and-control.html https://www.youtube.com/watch?v=rFs0zwx_s9g https://www.youtube.com/watch?v=PbAGl_mv5XI https://www.youtube.com/watch?v=4E9W3ImIOW0 https://www.youtube.com/watch?v=xpO2_kRv2Sg



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Links of Video
Lectures**Sem:VIII**

Sl. No.	Subject Name	Subject Code	Web Link
1	Electrical Design, Estimation & costing	10EE81	https://www.youtube.com/watch?v=LAmVHt27wzQ https://www.youtube.com/watch?v=tehmVJ2Uy9w&list=PLCV-ITE_Ak60igagiTn7kkO0YQ7gx92cn https://www.youtube.com/watch?v=jSbGhy8wspA
2	Power System Operation and Control	10EE82	https://nptel.ac.in/courses/108104052/ https://www.youtube.com/watch?49EM82UO99c
3	Renewable Energy sources	10EE836	https://nptel.ac.in/courses/11210422/22 https://nptel.ac.in/courses/18105058/37 https://www.youtube.com/watch?v=GRwJqD4StEU
4	Electrical Distribution Systems	10EE844	https://www.youtube.com/watch?v=0WVy0zqhYVk https://www.youtube.com/watch?v=pWIE2T-QAE8 https://www.youtube.com/watch?v=r6MywmckEgk https://www.youtube.com/watch?v=9qovnvdiS7c