

VIVEKANANDA GOVERNMENT DEGREE COLLEGE

VIDYANAGAR , HYDERABAD

DEPARTMENT OF PHYSICS

VIDEO LECTURES RECORD

Mrs. B.VIJAYA NIRMALA

ASSOCIATE PROFESSOR OF PHYSICS

S.NO.	DATE	TOPIC	DURATION	YOU TUBE LINK	GOOGLE DRIVE LINK OF PPT.	YEAR
1	16/7/2020	Thermodynamic potentials and maxwell's equations	40.40	https://youtu.be/42NNmJlXhD8	https://drive.google.com/file/d/1c5x_G5fzxEyOEzbV9V-dkhGcmyiN_GQm/view?usp=sharing	II YEAR , SEM -III
2	17/7/2020	Thermodynamic potentials and maxwell's equations part – II	44. 07	https://youtu.be/izjBmFvPRV0	https://drive.google.com/file/d/1mG39Q1zi7D6N1yVjr_E2CWyFPayKFh5X/view?usp=sharing	II YEAR , SEM -III
3	18/7/2020	vector analysis part – I	37.36	https://youtu.be/9CrXMUv-cTA	https://drive.google.com/file/d/1athCmfpnGHBuwi_r6KPKREhiF0KBHa7H/view?usp=sharing	I YEAR , SEM -1
4	21/7/2020	vector analysis part – II	45.53	https://youtu.be/3yIqBDkS4Hc	https://drive.google.com/file/d/1_afQH0Nffvur7LmKRXPRaB2Lr2kYyQB7/view?usp=sharing	I YEAR , SEM -1
5	22/7/2020	vector analysis part – III	45.04	https://youtu.be/bV-5m5TZZkw	https://drive.google.com/file/d/1taWX0Bu5FdatcIKv-Gy42NirCJ0j583q/view?usp=sharing	I YEAR , SEM -1
6	23/7/2020	Mechanics of particles part – I	50.59	https://youtu.be/yJ2N_6S6yWs	https://drive.google.com/file/d/1sotl89GG7j19k9e0KN95cU_efNJVv66f/view?usp=sharing	I YEAR , SEM -1

7	24/7/2020	Mechanics of particles part – II	24/7/2020	https://youtu.be/1F4pXg34U8M	https://drive.google.com/file/d/1vzU-EaYrWcPRS7qmJD2NtJnxatsntHR1/view?usp=sharing	I YEAR , SEM -1
8	25/7/2020	Mechanics of particles part – III	49.46	https://youtu.be/26pStms-KUk	https://drive.google.com/file/d/1OADlq7IssZ37h5EqUIH-Mn3MUKLIWStf/view?usp=sharing	I YEAR , SEM -1
9	27/7/2020	Central forces part - I	51.31	https://youtu.be/bKPodaoszOY	https://drive.google.com/file/d/1lvZ8zgYz_8q30XNN-VlwQdumLcYl3Qy3/view?usp=sharing	I YEAR , SEM -1
10	28/7/2020	Central forces part - II	46.41	https://youtu.be/bJcSA0Cvbo	https://drive.google.com/file/d/1vLj2ookZkwoWiLqf-K9_Fljllw1Hrc-W/view?usp=sharing	I YEAR , SEM -1
11	29/7/2020	Central forces part - III	51.39	https://youtu.be/WLORKAR5kw8	https://drive.google.com/file/d/1uZTdWTKlOuWk4BTHIT25AR1_6Hhu7zMG/view?usp=sharing	I YEAR , SEM -1
12	30/7/2020	Special theory of relativity part – I	49.38	https://youtu.be/frfcVuiIits	https://drive.google.com/file/d/1pugiE1gAr1fGCM3hl_jgYaK3hWSMGtRD/view?usp=sharing	I YEAR , SEM -1
13	31/7/2020	Special theory of relativity part – II	56.32	https://youtu.be/fFJHCK59Dvo	https://drive.google.com/file/d/16-0DOIEa7XmZ27nYGYcPyhNdhk-IfzI/view?usp=sharing	I YEAR , SEM -1
14	3/8/2020	Special theory of relativity part – III	48.05	https://youtu.be/Hb_JLH42p-4	https://drive.google.com/file/d/1yxYQtbJkCgCvVB6knQgqcy5ynu-JrIV/view?usp=sharing	I YEAR , SEM -1
15	4/8/2020	Special theory of relativity part – IV	45.13	https://youtu.be/RpEzdXzm_20	https://drive.google.com/file/d/1HrUehT69cZz1b_fRnuMgZlxAdLIkqD8L/view?usp=sharing	I YEAR , SEM -1
16	5/8/2020	Special theory of relativity part – V	53.36	https://youtu.be/tiYyhit2xc	https://drive.google.com/file/d/1oaAa9BRF18G5iFTw-Lcg7-OiA-1AL3sL/view?usp=sharing	I YEAR , SEM -1

17	6/8/2020	Mechanics of rigid bodies part – I	50.55	https://youtu.be/_PKAx8up5NA	https://drive.google.com/file/d/1KZUDgrdklENcOvaThBJkE12KlfaYZSqy/view?usp=sharing	I YEAR , SEM -1
18	7/8/2020	Mechanics of rigid bodies part – II	58.43	https://youtu.be/5BXTbfq9VQ	https://drive.google.com/file/d/1YUaNjVmyjWghCQCyzSflnXFbPPDdoD2Y/view?usp=sharing	I YEAR , SEM -1
19	10/8/2020	Mechanics of rigid bodies part – III	54.12	https://youtu.be/4k0KaEUA9ew	https://drive.google.com/file/d/1D1CpLIXuNvWkWTB0lDvbR_BKaba0ZqHz/view?usp=sharing	I YEAR , SEM -1
20	12/8/2020	Electrostatics part – I	57.59	https://youtu.be/W4HV19-IjI4	https://drive.google.com/file/d/1dVRyuNlBYx5M987fnUwwvv--86_51jOm/view?usp=sharing	II YEAR , SEM -III
21	13/8/2020	Electrostatics part – II	46.59	https://youtu.be/Rpz2ApwHUyk	https://drive.google.com/file/d/1J4wtpmwTbhQO9I-XAxO2AqBu7MS5TiF8/view?usp=sharing	II YEAR , SEM -III
22	14/8/2020	Electrostatics part – III	54.24	https://youtu.be/gDgYEGcRL20	https://drive.google.com/file/d/1z_UKMF0eMYGUk2mV1p_mLjYI-HrRWHK5/view?usp=sharing	II YEAR , SEM -III
23	17/8/2020	Electrostatics part – IV	53.12	https://youtu.be/HIFxt9Ybo4s	https://drive.google.com/file/d/1OI0dNVwubq73O9QdHQz1Z1vgGjyuZ2rL/view?usp=sharing	II YEAR , SEM -III
24	18/8/2020	Electrostatics part – V	54.05	https://youtu.be/hGRkJ5rztd8	https://drive.google.com/file/d/1efjJACLIFvtGUg8_STXi2CqxAMXpGDcX/view?usp=sharing	II YEAR , SEM -III
25	19/8/2020	Interference of light part - I	57.06	https://youtu.be/g_v11TtICM	https://drive.google.com/file/d/111njHK-SFP73noIqOyad1MaW-Dge0uy7/view?usp=sharing	II YEAR , SEM -IV
26	20/8/2020	Interference of light part - II	53.06	https://youtu.be/TIPUE9JGD9c	https://drive.google.com/file/d/1yOJsT_qpXUCWzEkOeBajjeOlv3Xa5zDg/view?usp=sharing	II YEAR , SEM -IV

27	21/8/2020	Interference of light part - III	1.03.13 OR 63.13	https://youtu.be/XXWDjWNw2pE	https://drive.google.com/file/d/1iZ6RUPKy55aaKZWJK2nl1VLE3E4ingyB/view?usp=sharing	II YEAR , SEM -1V
28	24/8/2020	Interference of light part - IV	47.12	https://youtu.be/Mg1oCaDMY1k	https://drive.google.com/file/d/1z4chwJoTh-IE7Qny9O_4zFD6GsU7lbjG/view?usp=sharing	II YEAR , SEM -1V
29	25/8/2020	Interference of light part - V	53.51	https://youtu.be/L6vo2EcLSHI	https://drive.google.com/file/d/1z5aF37Bj26H-4V0oRAuf9QTq-s_KW-fK/view?usp=sharing	II YEAR , SEM -1V
30	26/8/2020	Interference of light part - VI	57.09	https://youtu.be/Vp605Fm08qs	https://drive.google.com/file/d/1veGGUwX0gy_5DMiDa2sWYkE2OrvX5aNf/view?usp=sharing	II YEAR , SEM -1V

Dr. J. Chinna Babu

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S .N O	Date	Topic	Durati on	You Tube Link	GOOGLE DRIVE LINK OF PPT.	YEAR
1	16-07-2020	Kinetic Theory Of gases	43.18	https://youtu.be/57BVU91qvtI	https://docs.google.com/presentation/d/13nWr97URvYJmK8gaCOTncDWMZb_xWEQ/edit?usp=sharing&oid=115877057417350284039&rtpof=true&sd=true	I YEAR SEM II
2	17-07-2020	Maxwell's distribution law of speeds	48.43	https://youtu.be/vFe3t7wylJA	https://docs.google.com/presentation/d/1ucP6cAvw5-hSvUTrwP1L0yuyN5l9XZsq/edit?usp=sharing&oid=115877057417350284039&rtpof=true&sd=true	I YEAR SEM II

3	18-07-2020	Transport Phenomena	48.02	https://youtu.be/57BVU91qvtI	https://docs.google.com/presentation/d/1sZ7JeZmbR1TJsYzv_Kh99ny7WtDJajau/edit?usp=sharing&oid=115877057417350284039&rtpof=true&sd=true	I YEAR SEM II
4	21-07-2020	Low temperature Physics- Phase transition	46.48	https://youtu.be/JF9MUo4VmNs	https://docs.google.com/presentation/d/1RqyzNjWzI_QrhF-GZndXKSIUp-TDHrwu2/edit?usp=sharing&oid=115877057417350284039&rtpof=true&sd=true	I YEAR SEM II
5	22-07-2020	Low Temperature Physics – Liquefaction of gases	47.08	https://youtu.be/fl61mgOYqZl	https://docs.google.com/presentation/d/1YzOsNxyQ7D06-xYM4OzyJJSX6_CESSFV/edit?usp=sharing&oid=115877057417350284039&rtpof=true&sd=true	I YEAR SEM II
6	23-07-2020	Low Temperature Physics – Methods of producing low temperature	45.45	https://youtu.be/t1gZuyFui_oQ	https://docs.google.com/presentation/d/172fw0rWsl6MKUapPIYUf9WTXXv2nPwAK/edit?usp=sharing&oid=115877057417350284039&rtpof=true&sd=true	I YEAR SEM II
7	24-07-2020	Aberrations	49.53	https://youtu.be/DIFIDF_ZOw	https://docs.google.com/presentation/d/1jDmmJIL7ZnIT5Fi87tEMktOSQ5Amuxkr/edit?usp=sharing&oid=115877057417350284039&rtpof=true&sd=true	I I YEAR SEM IV
8	25-07-2020	Types of monochromatic aberrations	41.08	https://youtu.be/pOeFsXZN9N4	https://docs.google.com/presentation/d/174Tz4MTq7SkZktUDFnZlww53MT5XLhnQ/edit?usp=sharing&oid=115877057417350284039&rtpof=true&sd=true	I I YEAR SEM IV
9	27-07-2020	Chromatic aberrations	47.33	https://youtu.be/neA86X8Q27Y	https://docs.google.com/presentation/d/1bIPD264k8Q01CPc9upLa4kaN8VP9z_m/edit?usp=sharing&oid=115877057417350284039&rtpof=true&sd=true	I I YEAR SEM IV

10	28-07-2020	Polarization	41.57	https://youtu.be/kQZJKIY5I_BM	https://docs.google.com/presentation/d/1jhYX7ohrGOYCxX2eez3CDZNIsIa71C8m/edit?usp=sharing&ouid=115877057417350284039&rtpof=true&sd=true	I I YEAR SEM IV
11	29-07-2020	Methods of Polarization	48.03	https://youtu.be/r3Gw_xdC_QKQ	https://docs.google.com/presentation/d/1B9r9MnGH8Pa2U5FsPBs0mHkrai7yqfLD/edit?usp=sharing&ouid=115877057417350284039&rtpof=true&sd=true	I I YEAR SEM IV
12	30-07-2020	Babinet's compensator	46.03	https://youtu.be/GwtWM3N_HrY	https://docs.google.com/presentation/d/1aCnIS2PRZOJwvY1FAEqrUMeniNmW0L9j/edit?usp=sharing&ouid=115877057417350284039&rtpof=true&sd=true	I I YEAR SEM IV
13	31.07.2020	Laurent's Half-Shade Polarimeter	49.09	https://youtu.be/YK-3kgzTip4	https://docs.google.com/presentation/d/1M7hkOQicGxy6aLmGGOEUIUi_6whg2ARP/edit?usp=sharing&ouid=115877057417350284039&rtpof=true&sd=true	I I YEAR SEM IV
14	03.08.2020	Fiber Optics	45.27	https://youtu.be/BD6LNCP_nQAc	https://docs.google.com/presentation/d/10x7CQJQ7J77UOiyoSAvfYD_LEZBWLhNV/edit?usp=sharing&ouid=115877057417350284039&rtpof=true&sd=true	I I YEAR SEM IV
15	04.08.2020	Modes of fiber optics	40.34	https://youtu.be/GTGogR_hd6k	https://docs.google.com/presentation/d/1h1afQyrVGpi3LcTZoBa6kTJTkdYkYgl/edit?usp=sharing&ouid=115877057417350284039&rtpof=true&sd=true	I I YEAR SEM IV
16	05.08.2020	Thermodynamics	46.30	https://youtu.be/BGj1fAi0_DM	https://docs.google.com/presentation/d/1WWmqMehEw6k7MuluP595V9-jbgVLDljW/edit?usp=sharing&ouid=115877057417350284039&rtpof=true&sd=true	I YEAR SEM II
17	06.08.2020	Carnot's cycle and Carnot's Engine	47.01	https://youtu.be/CwVemAlStYM	https://docs.google.com/presentation/d/1u8GBKuEjKkuN5Gj2Z_ltljSF6Q77IaRJ/edit?usp=sharing&ouid=115877057417350284039&rtpof=true&sd=true	I YEAR SEM II

18	07.08.2020	Entropy	45.11	https://youtu.be/nzCH0tGB_rR4	https://docs.google.com/presentation/d/1dSTxNR2Xej5i4vsUXUXUC4_IT2qDLjhx/edit?usp=sharing&oid=115877057417350284039&rtpof=true&sd=true	I YEAR SEM II
19	10.08.2020	Statistical Mechanics	40.31	https://youtu.be/FijtNFN70Nw	https://docs.google.com/presentation/d/14Np1Yc4vWXCjAfOkCL1gZw2qkr8AhwGo/edit?usp=sharing&oid=115877057417350284039&rtpof=true&sd=true	I YEAR SEM II
26	20.08.2020	Classical and Statistical Statistics	51.03	https://youtu.be/jVftp21dom8	https://docs.google.com/presentation/d/1O8TBZi-HltEolbMstUh3Bj15DsVZXHvD/edit?usp=sharing&oid=115877057417350284039&rtpof=true&sd=true	I YEAR SEM II
27	21.08.2020	Nuclear Structure	52.09	https://youtu.be/XUTPrIF-EEs	https://docs.google.com/presentation/d/1qdQfv1U6IwJgdFNQ6Dg--1SIM3d_oklN/edit?usp=sharing&oid=115877057417350284039&rtpof=true&sd=true	III YEAR SEM V
28	24.08.2020	Radioactivity	45.53	https://youtu.be/ENzbAKbt_98	https://docs.google.com/presentation/d/135ROq7AbCfTM2zA64UxTlLgaoGFMP8i/edit?usp=sharing&oid=115877057417350284039&rtpof=true&sd=true	III YEAR SEM V
29	25.08.2020	Nuclear detectors	54.28	https://youtu.be/-hAtQovQnW4	https://docs.google.com/presentation/d/1BoUdWGDgIOq9Qe7iNjp-VZODcuGi_6FL/edit?usp=sharing&oid=115877057417350284039&rtpof=true&sd=true	III YEAR SEM V
30	26.08.2020	Nanomaterials and Nanotechnology	39.16	https://youtu.be/-9fbDkS2HMo	https://docs.google.com/presentation/d/1z4TZDHzbzi1mSSnnUzoV-tJNd5v7nxQR/edit?usp=sharing&oid=115877057417350284039&rtpof=true&sd=true	III YEAR SEM V

