

GOVERNMENT DEGREE COLLEGE, ZAHEERABAD**Online Classes Data**

SL.NO	NAME OF THE EMPLOYEE	Subject	topic
1	R.Balajee	Physics	Transistors,PNP &nnpn transisto
2	R.Balajee	Physics	Laser,Ruby laser, Application of Lasers
3	R.Balajee	Physics	Electro Statistics,Coulomb's law
4	R.Balajee	Physics	Gauss law, Applications of Gauss law
5	R.Balajee	Physics	Bridge rectifier, Zenor Diode
6	R.Balajee	Physics	DARIVATION OF MAXWELL EQUATIONS
7	R.Balajee	Physics	Thermodynamics, Entropy, Maxwell equations
8	R.Balajee	Physics	Pyrometers, disappearing pyro meter
9	R.Balajee	Physics	Photoelectric effect, compton effect
10	R.Balajee	Physics	Claussius Clayparon equation, Joulekelvin effect, First TDS Equation& Second TDS Equation
11	R.Balajee	Physics	:grad, div, curl
12	R.Balajee	Physics	Stokes theroem, Gauss Divergence theroem, Green's theroem
13	R.Balajee	Physics	Chromatic aberration, Longitudinal&Lateral chromatic aberration,Minimisation of chromatic
14	R.Balajee	Physics	Spherical aberration, Minimisation of Spherical aberration,Coma,Curvature, Distortion

15	R.Balajee	Physics	Laws of motion, Motion of variable mass system, Motion of Rocket, Multi-stage Rocket
16	R.Balajee	Physics	Conservation of energy and momentum, Collisions in two and three dimensions, Concept of impact parameter, scattering cross-section
17	R.Balajee	Physics	Kapitza's method, Adiabatic magnetization, vapour compression machine
18	R.Balajee	Physics	rotational kinematic relation, angular momentum and inertial tensor, Euler's equations
19	R.Balajee	Physics	Applications of Euler's equations, Gyroscope
20	R.Balajee	Physics	Conservative of nature of central forces, conservative force as a negative gradient of
21	R.Balajee	Physics	Motion under inverse square law
22	R.Balajee	Physics	Derivation of Kepler's laws
23	R.Balajee	Physics	Coriolus force and expressions
24	R.Balajee	Physics	Galilean relativity, Michelson-morley experiment
25	R.Balajee	Physics	Lorentz transformation, Postulates of special theory of relativity
26	R.Balajee	Physics	Length contraction, time delation, addition of velocities
27	R.Balajee	Physics	mass-energy relation, concept of four-vector formalism

Youtube Link
https://youtu.be/XBgw-K5RxEO
https://youtu.be/KE8VcXLBpdw
https://youtu.be/iIU3nvQB0HM
https://youtu.be/N88QhamPQJw
https://youtu.be/fGCD3HzCAe8
https://youtu.be/IBXpHVWQHLo
https://youtu.be/1rsNgNSu9ds
https://youtu.be/is8a5UdEJ5c
https://youtu.be/FUuYTJLo0yc
https://youtu.be/xCSEQ-h8ym0
https://youtu.be/ESx2ZPfZKjk
https://youtu.be/VbGTG-0V4t0
https://youtu.be/c2ZAPXq37ng
https://youtu.be/5veAhwhVh08

<https://youtu.be/VIPuBuTxc5E>

https://youtu.be/AL9DJsmBv_c

<https://youtu.be/fi7j0H4Eoto>

https://youtu.be/OzC_X_JZU-M

<https://youtu.be/klCdXmhK1d0>

<https://youtu.be/l2S-unqzeMc>

<https://youtu.be/SWM79LhtcMk>

<https://youtu.be/zFE-u8y3OUI>

<https://youtu.be/waBbTljgJms>

<https://youtu.be/b1Wj5ACPKCs>

<https://youtu.be/NmZwRE1WJCQ>

<https://youtu.be/sViUDfvnKok>

<https://youtu.be/nXXGqdd0tn0>