

# Muthurangam Govt.Arts College (A)

Vellore-02.

## ONLINE CLASS

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Vellore-02.

### ANGULAR MOMENTUM

S. No	Date	Topic	Link
1	15.04.2020	Introduction Angular Momentum	<a href="https://us04web.zoom.us/j/79906960328?pwd=SGc2Q09Yem8razhMZ29nREYzN3VpUT09">https://us04web.zoom.us/j/79906960328?pwd=SGc2Q09Yem8razhMZ29nREYzN3VpUT09</a>
2	16.04.2020	Angular Momentum in Quantum Mechanics	<a href="https://us04web.zoom.us/j/5830307098?pwd=Rm5vdENRdVRIUENEYjhoR2FvNTRZdz09">https://us04web.zoom.us/j/5830307098?pwd=Rm5vdENRdVRIUENEYjhoR2FvNTRZdz09</a>
3	17.04.2020	Commutative Relations(Lx,Ly)=ihLz	<a href="https://us04web.zoom.us/j/74455228032?pwd=bjRKYXgwQWwraVZna1FnVVpUUnB1dz09">https://us04web.zoom.us/j/74455228032?pwd=bjRKYXgwQWwraVZna1FnVVpUUnB1dz09</a>
4	18.04.2020	Introduction of operators	<a href="https://us04web.zoom.us/j/76561912593?pwd=TXN5OTNQZkFaR2Z1U2ZSMTVKWU1XUT09">https://us04web.zoom.us/j/76561912593?pwd=TXN5OTNQZkFaR2Z1U2ZSMTVKWU1XUT09</a>
5	20.04.2020	Ladder operators	<a href="https://us04web.zoom.us/j/78733991012?pwd=iNgYO7PmD8pjGf0ORzUGbXLD4Vm5YQ">https://us04web.zoom.us/j/78733991012?pwd=iNgYO7PmD8pjGf0ORzUGbXLD4Vm5YQ</a>
6	21.04.2020	Introduction of Angular Momentum Matrices	<a href="https://us04web.zoom.us/j/76509667238?pwd=dEdmTnh4MXZrNXdUaWpQK0Y5UE5RZz09">https://us04web.zoom.us/j/76509667238?pwd=dEdmTnh4MXZrNXdUaWpQK0Y5UE5RZz09</a>
7	22.04.2020	Angular Momentum Matrices	<a href="https://us04web.zoom.us/j/73869219271?pwd=RHf5VkyxcXgzTFpEdjcvbW1JbkMxdz09">https://us04web.zoom.us/j/73869219271?pwd=RHf5VkyxcXgzTFpEdjcvbW1JbkMxdz09</a>
8	24.04.2020	Pauli spin matrices	<a href="https://join.skype.com/VeNxtctmbqqk">https://join.skype.com/VeNxtctmbqqk</a>
9	27.04.2020	Geometrical Representation	<a href="https://us04web.zoom.us/j/5830307098?pwd=Rm5vdENRdVRIUENEYjhoR2FvNTRZdz09">https://us04web.zoom.us/j/5830307098?pwd=Rm5vdENRdVRIUENEYjhoR2FvNTRZdz09</a>
10	28.04.2020	Addition of Angular momentum	<a href="https://us04web.zoom.us/j/73069211945?pwd=NVl4Yi9jalBmMONJSnJ2SWJTRTRhQT09">https://us04web.zoom.us/j/73069211945?pwd=NVl4Yi9jalBmMONJSnJ2SWJTRTRhQT09</a>
11	29.04.2020	Clash Gordon Co.efficient	<a href="https://join.skype.com/VeNxtctmbqqk">https://join.skype.com/VeNxtctmbqqk</a>

## Introduction to Quantum Mechanics

S. No	Date	Topic	Link
1	30.04.2020	Introduction of physics	<a href="https://us04web.zoom.us/j/5830307098?pwd=Rm5vdENRdVRIUENEYjhoR2FvNTRZdz09">https://us04web.zoom.us/j/5830307098?pwd=Rm5vdENRdVRIUENEYjhoR2FvNTRZdz09</a>
2	01.05.2020	Young's Double slit Experiment	<a href="https://us04web.zoom.us/j/5830307098?pwd=Rm5vdENRdVRIUENEYjhoR2FvNTRZdz09">https://us04web.zoom.us/j/5830307098?pwd=Rm5vdENRdVRIUENEYjhoR2FvNTRZdz09</a>
3	04.05.2020	Photo Electric Effect	<a href="https://us04web.zoom.us/j/71766149163?pwd=K0FGV2Z5QWpTTmZ2MjRWTDFRai8xQT09">https://us04web.zoom.us/j/71766149163?pwd=K0FGV2Z5QWpTTmZ2MjRWTDFRai8xQT09</a>
4	05.05.2020	Matter waves-de Broglie	<a href="https://us04web.zoom.us/j/77559879147?pwd=Q21vZEZxb2V2RUN0c2Y5SU9DRHZVQT09">https://us04web.zoom.us/j/77559879147?pwd=Q21vZEZxb2V2RUN0c2Y5SU9DRHZVQT09</a>
5	06.05.2020	Davisson and Germer experiment	<a href="https://us04web.zoom.us/j/77860665133?pwd=aWhncmdSbEdvMXILbmJYakVWVWFZdz09">https://us04web.zoom.us/j/77860665133?pwd=aWhncmdSbEdvMXILbmJYakVWVWFZdz09</a>
6	07.05.2020	Max born's Introduction of $\psi$	<a href="https://us04web.zoom.us/j/71639377282?pwd=Zm0wWDRxK2xEU1lvSjNHZ2V3dEFvZz09">https://us04web.zoom.us/j/71639377282?pwd=Zm0wWDRxK2xEU1lvSjNHZ2V3dEFvZz09</a>
7	08.05.2020	Introduction Black body radiation	<a href="https://us04web.zoom.us/j/73445438656?pwd=NnFiaGRFU3ZZN0hscEtDU1RnVE1WZz09">https://us04web.zoom.us/j/73445438656?pwd=NnFiaGRFU3ZZN0hscEtDU1RnVE1WZz09</a>
8	09.05.2020	laws governing blackbody radiation	<a href="https://us04web.zoom.us/j/5830307098?pwd=Rm5vdENRdVRIUENEYjhoR2FvNTRZdz09">https://us04web.zoom.us/j/5830307098?pwd=Rm5vdENRdVRIUENEYjhoR2FvNTRZdz09</a>
9	11.05.2020	Compton Effect	<a href="https://us04web.zoom.us/j/76192207746?pwd=YTIzV09xZzh0T2dLVW9lQzNEyldBdz09">https://us04web.zoom.us/j/76192207746?pwd=YTIzV09xZzh0T2dLVW9lQzNEyldBdz09</a>
10	12.05.2020	Difference between classical and quantum physics	<a href="https://us04web.zoom.us/j/78898623994?pwd=R01Cd3h6UjNoSnP1cHEvL3puL3NrUT09">https://us04web.zoom.us/j/78898623994?pwd=R01Cd3h6UjNoSnP1cHEvL3puL3NrUT09</a>
11	13.05.2020	Heisenberg Uncertainty principle	<a href="https://us04web.zoom.us/j/5830307098?pwd=Rm5vdENRdVRIUENEYjhoR2FvNTRZdz09">https://us04web.zoom.us/j/5830307098?pwd=Rm5vdENRdVRIUENEYjhoR2FvNTRZdz09</a>
12	14.05.2020	Schrodinger Equation(Particle in a box)	<a href="https://us04web.zoom.us/j/5830307098?pwd=Rm5vdENRdVRIUENEYjhoR2FvNTRZdz09">https://us04web.zoom.us/j/5830307098?pwd=Rm5vdENRdVRIUENEYjhoR2FvNTRZdz09</a>

