



## **Criterion IV**

### **Infrastructure and Learning Resources**



#### **4.1.3 Moodle Screenshot**



# VIMALA COLLEGE (AUTONOMOUS), THRISSUR



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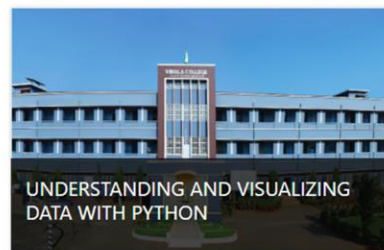
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Thrissur, Kerala



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## Available courses








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 SHM

 PHY5B07 QUANTUM MECHANICS (2019 onwards) 2021-22

 PHY1C04 ELECTRONICS (2019 onwards) 2021-22

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 VPH5 B06: Quantum Mechanics

 Participants

 Badges

 Competencies

 Grades

 General

 1. Particle Properties of Waves

 2. Wave Properties of Particles

 3. Atomic Structure

 4. Wave Mechanics

 5. Hydrogen Atom

VPH5 B06: Quantum Mechanics

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General

Course Outcomes

CO1: Understand concepts of particle properties of waves from photoelectric effect, Compton effect, pair production.

CO2: Understand concepts of wave properties of particles, historical and mathematical development of Quantum Mechanics and applications of uncertainty principle.

CO3: Understand the evolution of atomic structure and detailed Bohr atom model.

CO4: Understand the basic postulates of quantum mechanics time dependent and time independent Schrodinger equations, Eigen values and Eigenfunctions.

CO5: Solve the Schrodinger equation for different potentials in one dimension, particle in a box and tunnelling problem.



Vimala College LMS My Courses This Course Dr Aneesh George Faculty

VPH5 B06: Quantum Mechanics

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VPH5 B06: Quantum Mechanics: View: Preferences: Grader report

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Grader report

All participants: 49/49

First name All A B C D E F G H I J K L M N O P Q R S T U V W X Y Z

Surname All A B C D E F G H I J K L M N O P Q R S T U V W X Y Z

First name / Surname	Email address	VPH5 B06: Quantum Mec...
VMASPH020 ADEENA KRISHNAN U R	adeenakrishnanur@gmail.com	General Seminar Presentat...