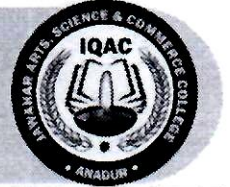




JAWAHAR ARTS, SCIENCE & COMMERCE COLLEGE

Anadur, Tq. Tuljapur, Dist- Osmanabad -413603



INTERNAL QUALITY ASSURANCE CELL

Annual/Semester Teaching Plane, Academic Year 2021 - 22, Department of Physics.

Name of Teacher: Dr. Sarasbharat Vithal Rajmane.

Subject: Physics, Class: B.Sc. I, Total Period.: 45

Semester: I, Name of Paper: Mechanics, Properties of matter & Sound, Paper No.: I

| Sr.No. | Month | Total Periods In Month | Name of Chapter /Unit | Teaching Method Use | Remark |
|--------|---|------------------------|--|-------------------------|--------|
| 1 | September | | | | |
| 2 | September October 2021 | 11 | mechanics - compound pendulum - expression of time period, interchangibility of centre of suspension & oscillation Kater's pendulum. Newton's law of gravitation Gravitational field & potential. Gravitational potential of mass Gravitational potential & field due to spherical shell & solid sphere | model. | |
| 2 | November -2021 | 14 | Elasticity - introduction Moduli of elasticity, twisting couple on cylinder, Bending of beam - Bending moment cantilever loaded at free end a) when weight is ineffective b) when weight is effective Depression of beam supported at centre. | Four corner strategies. | |

Teacher

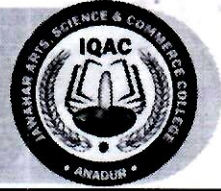
HOD

Principal
Principal
Jawahar Arts, Science & Commerce College,
Anadur, Tal. Tuljapur, Dist. Osmanabad



JAWAHAR ARTS, SCIENCE & COMMERCE COLLEGE

Anadur, Tq. Tuljapur, Dist- Osmanabad -413603



INTERNAL QUALITY ASSURANCE CELL

Annual/Semester Teaching Plane, Academic Year 202 - 2 , Department of _____

Name of Teacher: _____

Subject: _____, Class: _____, Total Period. : _____

Semester: _____, Name of Paper: _____, Paper No. : _____

| Sr.No. | Month | Total Periods In Month | Name of Chapter /Unit | Teaching Method Use | Remark |
|--------|-----------------|------------------------|---|---------------------|--------|
| 3 | December - 2021 | 15 | viscosity & surface Tension:- viscosity - introduction, energy of liquid in motion, Bernoulli's Theorem. Practical application i) Law of hydrostatic pressure ii) Filter pump Poiseuille's formula Surface Tension:- Introduction Difference of pressure across a curved surface, determination of S.T. by Javelle's method. | | |
| 4 | January - 2022 | 13 | Ultrasonic - piezo electric effect, piezo-electric generator magnetostriction effect; magnetostriction oscillator Application of ultrasonic - Depth of sea, chemical effects, medical application. Acoustics - Resonance Acoustical demands of an auditorium, Sabine's formula Rever-time good acoustical design. | | |

Teacher

HOD

Department of Physics
Jawahar Arts Science & Commerce College
Anadur, Dist. Osmanabad - 413 603.

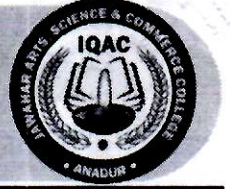
Principal

Jawahar Arts, Science & Commerce College
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JAWAHAR ARTS, SCIENCE & COMMERCE COLLEGE

Anadur, Tq. Tuljapur, Dist- Osmanabad -413603



INTERNAL QUALITY ASSURANCE CELL

Annual/Semester Teaching Plane, Academic Year 202 - 2 , Department of _____

Name of Teacher: _____

Subject: _____, Class: _____, Total Period. : _____

Semester: _____, Name of Paper: _____, Paper No. : _____

| Sr.No. | Month | Total Periods In Month | Name of Chapter /Unit | Teaching Method Use | Remark |
|--------|-------------------|------------------------|-----------------------------------|---------------------|--------|
| 3 | November 2021 | 14 | X-rays. | | |
| 4 | December -2021 | 15 | Nuclear forces & models. | | |
| 5 | January 2022 | 13 | Particle Accelerators & Detectors | charts. | |

Teacher

Head
Department of Physics
Jawahar Arts Science & Commerce College
Anandur, Dist. Osmanabad - 413 603.

Principal
Jawahar Arts Science & Commerce
College, Ar
Tal. Tuljapur, Dist. Osmanabad.



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INTERNAL QUALITY ASSURANCE CELL

Annual/Semester Teaching Plane, Academic Year 2021 - 22, Department of Physics.

Name of Teacher: Dr. Sureshchandra N. Rajmane.

Subject: Physics, Class: B.Sc. III, Total Period. : 45

Semester: I, Name of Paper: classical & quantum mechanics Paper No. : XI

| Sr.No. | Month | Total Periods In Month | Name of Chapter /Unit | Teaching Method Use | Remark |
|--------|----------------|------------------------|--------------------------------|---------------------|--------|
| 1 | September 2021 | | | | |
| 2 | October 2021 | 11 | classical & quantum mechanics. | Lecture. | |
| 3 | November 2021 | 14 | origin of quantum theory. | Lecture. | |

Teacher

HOD

Principal

Jawahar Arts, Science & Commerce College
Anadur, Tal. Tuljapur, Dist. Osmanabad

