



Shikshak Sanchalit Shikshan Sanstha's
**DR. SHANTILAL DHANJI DEVSEY ARTS COLLEGE AND COMMERCE AND
SCIENCE COLLEGE, WADA. TAL- WADA; DIST- PALGHAR (421303)**

(AFFILIATED TO UNIVERSITY OF MUMBAI)



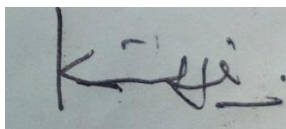
DEPARTMENT OF PHYSICS

Year (2020-2021)

Attainment of each Cos and PSOs:

- Increase in enthusiasm of the students for the subject by performing repetitions in fundamentals in theory and practical's online
- Model of devices, hands on departmental training of electronic circuits its output which increase practical skill of the students with social distances.
- Handling of apparatus in mechanics, Devices and their use sophisticatedly implemented, it reduced the fear and build up confidence in students
- Mistakes and errors were minimised, students input verified using their performances in practicals and assessments.
- Growth of Percentage in marks of students and their results uplifted from minimum to higher one
- Each faculty take cares of their individual progress and plan for their placements in industry in pandemic situations.
- PG Progression is successfully implemented.
- Each faculty used model teaching methods using prism, lens, spectrometers, and circuit Boards. this correlation developed confidence, understanding and role of the application of the subject.
- The assessment methods used which are direct and indirect like online practical's examination, course wise discussions on topics .it gives attainment of each course
- Percentage of failures in different courses get decrease with practice test of fundamentals increased attainment on successful ratio.

Sr. No.	Method of Course attainment	Tolls used for Attainment
1	Glass and ink pen method	Glass screen , mobile, coloured sketch pens
2	Use of Models and components in online teaching/offline	PCB, Bread Boards, Capacitors, Diodes,
		Transistors, Electronic Circuits like Multivibrator, Timers
3	Devices used in Electronics	CRO, Function Generators, Frequency meters, Voltmeters, Ammeters.
4	Equipment's and Tools used in Mechanics	Katers Pendulum, Metal Bobs, Vernier callipers, Scales, Micrometre Screw Gauge, Fly Wheels.
5	Equipment's and Tools used in optics	Spectrometers, lenses, prisms like Calcite, Double Refracting Prisms, Slits, Bi-prisms.




(Dr. K. P. Joshi)

Head - Department of Physics

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