

U.N. COLLEGE, SORO, BALASORE  
LIST OF LABORATORY EQUIPMENT TO BE PURCHASED UNDER  
WORLD BANK ASSISTANCE SCHEME

**Department of Physics**

1. Zener Diode as the Voltage Stabilizer (Omega)
2. LED diode characteristics (Omega)
3. Kater's Pendulum
4. Surface tension by Capillary rise method (without microscope)
5. Moment of inertia by fly wheel
6. Diffraction grating
7. Newton's Ring apparatus
8. Malu's law for polarization

**Department of Botany**

1. UV visible Spectrophotometer( Microprocessor with LCD Display, Software and software key):- Br- Biochem Model-BR-295
2. Laminar airflow Digital :- Igene Model-IGLAF32

**Department of Zoology**

Slides:-

1. Different stages of mitosis & meiosis
2. T.S. of Pharynx, Gizzard, typhlosolar intestine of earthwork
3. Mamal:- Testis, ovary, adrenal, thyroid, parathyroid, spleen, thymus, embryological slides of chick, frog etc
4. SDS- Page
5. ABD- kit for ABO Blood group
6. Sphygmomanometer
7. Calorimeter
8. Spectrophotometer
9. Weight Measurement
10. Wf. measurement instrument
11. Page
12. Bio-visual charts- Human Evolution
13. PCR
14. PH meter (Electronic)
15. Test Tube
16. Titration set (including stand)
17. Photograph Projector

**Department of Chemistry**

1. Spectrophotometer UV & Visible