

	<p>॥ GYAN SEVA TYAG ॥</p> <p>Shri Vyanknath Shikshan Prasarak Mandal's</p> <p><b>SHRI YASHWANTRAO PATIL SCIENCE COLLEGE, SOLANKUR</b></p> <p>Taluka: Radhanagari, District: Kolhapur (Maharashtra, India). Pincode: 416212</p> <p>Email: <a href="mailto:ypvmsolankur@gmail.com">ypvmsolankur@gmail.com</a> / <a href="mailto:ypvms.436.cl@gmail.com">ypvms.436.cl@gmail.com</a></p> <p>Website: <a href="http://www.ypsc.ac.in">www.ypsc.ac.in</a></p> <p>Affiliated to Shivaji University Kolhapur, MS, India   Accredited by NAAC with 'B' Grade (CGPA=2.14)</p>	
<p><b>Shri. A. Y. Patil</b> Secretary</p>	<p><b>Shri. R. Y. Patil</b> Chairman</p>	

## Best Practice

### Best Practice: 01 (Department of Physics)

**Title:** Blood Supply in Emergency

**Goal/Objective:** To provide the blood for the students and their family in emergency case.

**The context:**

College consisting around 600 students and 25 staff members. If accidentally something happens to someone of the group member or their family members and if they badly needed the blood, then our college group will provide it through blood bank. This will be a real help to survive someone's life. It will also give the awareness about our responsibility towards the society. This activity will bond all the students, staff members and parents as a unique family. This activity helps to highlight the college's role, contribution and importance in the society.

**The Practice:**

Every year our college perceives the blood donation camp in the tie-up with the Vishva-Lakshmi blood bank. The blood bank gives the coupon to every blood donor (student/staff) in the agreement that the donor will get same amount of blood in the return in need. The 'True Friends Club' of our college collects those coupons and retains it safely along with the blood donor list. Due to some accident if someone badly needed the blood, our college provides the required blood coupons as well as make blood donors available. So, it can help to save someone's life. We also keep the list of rear blood donors for the same.

**Evidence of success:**

- 1] Blood donor list along with their contact number and blood group.
- 2] Blood Bank Tie-up letter.
- 3] Beneficiary's appreciation letter.

**Problem encountered and resource requirement:**

The problem encountered, in the accidental/do or die situation; the person being in the confused state and forget to contact the college or a specific donor. Blood collection is short. Need to increase.

## **Best Practice: 02 (Department of Chemistry)**

### **SOIL AND WATER ANALYSIS**

**Objectives of the Practice:**-To study soil and water analysis, to built modern agricultural techniques, to create students environmental friendly, and to inculcate pollution free life.

**The Context:** - A soil test is important for several reseasons, to optimize crop production, to protect environment from contamination by runoff and leaching of excess of fertilizers, to aid in the diagnosis of plant culture problems, to improve nutritional balance, and also water analysis is very important because safe and reliable water is a need of everyone, it should be free form viruses, bacteria etc. So, this prtices helps to improve quality soil and wate.

**The Practice:** - Sampling of water and soil, samples storage, Determination of basic physical and chemical properties, investigation of water and soil samples with the use of quick tests, **for water:** -Determination of inorganic nitrogen, nitrate, nitrite, chlorine, hardness, ph, phosphate, potassium, and **for soil:** - Determination pH, nitrate, nitrite, ammonium, phosphate, potassium, structure and density of the soil, determination of ions in solutions with the use of conductometric methods etc.

**Evidences of Success:** - Season wise study of soil and water is conducted throughout the year, and arrange workshop, training programmes for students and society.

**Problem encountered and resources generated:** - Generates awareness in students and society about modern agricultural techniques by using soil analysis and also aware about fresh pollution free water by water analysis.