



**Dwarka Bahuuddeshiya Gramin Vikas Foundation's**

Reg. No. Mah/5275/99. Mumbai Public Trust. Regd. No. F-5333

Estd: 2006

# **Rajarshi Shahu College of Pharmacy**

( Approved by AICTE & PCI, Affiliated to Sant Gadge Baba, Amravati University, Amravati )

**Shri. Dhrupatraoji Sawale**  
President

**Prof. Dr. Shirish P. Jain**  
Principal

## **Criterion 1 – Curricular Aspects**

### **Key Indicator- 1.3 Curriculum Enrichment**

**1.3.1** Institution integrates crosscutting issues relevant to Professional Ethics, Gender, Human Values, Environment and Sustainability into the Curriculum

### **Courses in the Curriculum**

#### **Environment and Sustainability**

<b>Sr. No.</b>	<b>Year</b>	<b>Course Code</b>	<b>Course</b>	<b>Description</b>
1.	F.Y. B.Pharm (Sem-I)	<b>BP102T</b>	<b>Pharmaceutical Analysis-I</b>	➤ Sources of impurities in medicinal agents
2.	F.Y. B.Pharm (Sem-I)	<b>BP106RBT</b>	<b>Remedial Biology</b>	➤ To learn and understand the components of living world, structure and functional system of plant and animal kingdom ➤ Diversity in the living world ➤ Nitrogen cycle, biological nitrogen fixation, photosynthesis ➤ Plant growth and development

3.	F.Y. B.Pharm (Sem-II)	<b>BP206T</b>	<b>Environmental Sciences</b>	<ul style="list-style-type: none"> <li>➤ Create the awareness about environmental problems among learners</li> <li>➤ Impart basic knowledge about the environment and its allied problems</li> <li>➤ Develop an attitude of concern for the environment</li> <li>➤ Motivate learner to participate in environment protection and environment improvement</li> <li>➤ Acquire skills to help the concerned individuals in identifying and solving environmental problems</li> <li>➤ Strive to attain harmony with Nature.</li> </ul>
4.	S.Y. B.Pharm (Sem-III)	<b>BP301T</b>	<b>Pharmaceutical Organic Chemistry-II</b>	<ul style="list-style-type: none"> <li>➤ General methods of preparation and reactions of some organic compounds</li> <li>➤ Hydrolysis, Hydrogenation, Saponification and Rancidity of oils, Drying oils</li> </ul>
5.	S.Y. B.Pharm (Sem-IV)	<b>BP402T</b>	<b>Medicinal Chemistry-I</b>	<ul style="list-style-type: none"> <li>➤ Chemical synthesis of important drugs under each class</li> </ul>
6.	S.Y. B.Pharm (Sem-IV)	<b>BP405T</b>	<b>Pharmacognosy and Phytochemistry-I</b>	<ul style="list-style-type: none"> <li>➤ To know the techniques in the cultivation and production of crude drug</li> <li>➤ Cultivation, Collection, Processing and storage of drugs of natural origin</li> <li>➤ Conservation of medicinal plants</li> </ul>

7.	F.Y. M.Pharmacy (Sem-II)	MQA201T	<b>Hazards and Safety Management</b>	<ul style="list-style-type: none"> <li>➤ Understand about environmental problems among learners.</li> <li>➤ Impart basic knowledge about the environment and its allied problems.</li> <li>➤ Develop an attitude of concern for the industry environment</li> <li>➤ Teach the method of Hazard assessment, procedure, methodology for provide safe industrial atmosphere</li> </ul>
8.	S.Y. M.Pharmacy (Sem-IV)	-	<b>Research Projects</b>	<ul style="list-style-type: none"> <li>➤ M.Pharmacy students have completed various Research projects on the Environmental aspects like green synthesis approach in Nanoparticle synthesis, etc.</li> </ul>



  
**Principal**  
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