



**Dayananda Sagar  
University**  
*live the dream*



Ref : DSU/Reg/2021-22/64

Date : 08.10.2021

NOTIFICATION

SUB : Scheme & Syllabus of BVoc - I & II Semesters in Pharmaceutical Manufacturing Technology Program of Dayananda Sagar University –Reg.,

Ref: Resolution of the Board of Governors passed at its 16<sup>th</sup> Meeting held on 24.09.2021

Pursuant to resolution passed by the Board of Governors, at it's 16<sup>th</sup> Meeting held on 24.09.2021, University is pleased to notify the Scheme & Syllabus of BVoc - I & II Semesters in Pharmaceutical Manufacturing Technology Program , which is applicable from the Academic Year 2020-21 , onwards.

By Order

  
Registrar  
8/10/21.

CC: PS – Vice Chancellor / Pro Vice Chancellors /COE/CIO/CFO/ Deans/Principals  
/ Chairpersons of Schools/Departments/Dean Research/Director IQAC

Enclosure: Scheme & Syllabus of BVoc - I & II Semester in Pharmaceutical Manufacturing Technology Program

# **DAYANANDA SAGAR UNIVERSITY**

Shavige Malleshwara Hills, Kumaraswamy Layout,  
Bengaluru - 560114, Karnataka.

## **SCHOOL OF ENGINEERING**



### **SCHEME & SYLLABUS FOR BACHELOR OF VOCATION**

### **SPECIALIZATION PHARMACEUTICAL MANUFACTURING TECHNOLOGY**

**(I& II Sem)**

08.10.2021



I SEMESTER

SL	PROGRAM CODE	COURSE CODE	COURSE TITLE	CREDITS
1	P008	20VP101	ENVIRONMENTAL STUDIES	2
2	P008	20VP102	BASICS OF CGMPS	2
3	P008	20VP103	APPLIED NATURAL SCIENCE	2
4	P008	20VP104	APPLIED CHEMISTRY	2
5	P008	20VP105	ENGLISH SPOKEN	5
TOTAL				13

II SEMESTER

SL	PROGRAM CODE	COURSE CODE	COURSE TITLE	CREDITS
1	P008	20VP201	ENGINEERING DRAWING	1
2	P008	20VP202	OCCUPATIONAL HEALTH & SAFETY	4
3	P008	20VP203	PHARMA MANUFACTURING OPERATIONS	4
4	P008	20VP204	PHARMACEUTICAL CHEMISTRY	3
5	P008	20VP205	ENGLISH WRITTEN	3
TOTAL				15



**Curriculum Structure for SECOND Year  
B.VOC. In Pharmaceutical Manufacturing Technology  
AY: 2022-23**

**THIRD & FOURTH SEMESTER**

**III SEMESTER**

SL	PROGRAM CODE	COURSE CODE	COURSE TITLE	CREDITS
1	P008	20VP301	ENGINEERING DESIGN	1
2	P008	20VP302	PHARMACEUTICS-I	4
3	P008	20VP303	BIOCHEMISTRY AND CLINICAL PATHOLOGY	3
4	P008	20VP304	COMMUNITY PHARMACY	3
5	P008	20VP305	TECHNICAL COMMUNICATION	3
<b>TOTAL</b>				<b>14</b>

**IV SEMESTER**

SL	PROGRAM CODE	COURSE CODE	COURSE TITLE	CREDITS
1	P008	20VP401	NUTRACEUTICALS & HERBAL DRUGS	1
2	P008	20VP402	PHARMACEUTICS-II	4
3	P008	20VP403	FORMULATIVE PHARMACY	4
4	P008	20VP404	BASICS OF MANUFACTURING AND PILOT PLANT SCALE-UP	4
5	P008	20VP405	PHARMACEUTICAL ENGINEERING	3
<b>TOTAL</b>				<b>16</b>

**Notes:**

1. All the courses are integrated in nature; Both theory and practical are included.
2. Vocational Practical include on job, guided skill acquisition, in the industry.
3. Theory: 7 hours; One day @DSU.
4. Practical: 40 hours; Five Days; Guided and Monitored, Assigned Work @ Industry.