

CRITERION 2	PROGRAM CURRICULUM AND TEACHING- LEARNING PROCESS	50
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2.1) CONTENTS AND COMPLIANCE OF THE CURRICULUM (5)

(State the content of the syllabus; about the course/learning material/ content/ laboratory experiments/ projects etc. also mention identified curriculum gaps, if any.)

Shivajirao S Jondhle college of Pharmacy, was established in 2015 with the prime aim of providing quality education in the field of pharmacy. The institute is approved by the Pharmacy Council of India, All India Council for Technical Education New Delhi, Director of Technical Education, Government of Maharashtra and Maharashtra State Board Technical Education Mumbai.

The syllabus prescribed under the education regulation of pharmacy act – 1948. As per the Curriculum approved under section 10 of Pharmacy Act 1940 as per ER 1991). It's a Two Years Full time course in Pharmacy with Annual Pattern. First Year is Programmed having Six Course and five Practicals followed by, Second Year Programmed having of six courses and four Practicals.

The current education regulation in the course is education regulation – 2020 (ER-20). The syllabus approved under section 10 of Pharmacy Act 1940 as per ER 2020). It's a Two Years Full time course in Pharmacy with Annual Pattern. First Year Programmed having five Course and five Practical followed by, Second Year Programmed having of six courses and five Practicals.

Contents of Syllabus:

First Year: (CAY 2023-24)

Course code	Course Name	Mode of Teaching		TH Hrs./ week	Total Tutorial Hrs./week	Gap Identified
		Theory (Hours)	Practical (Hours)			
ER20- 11T	Pharmaceutics	75	75	03	01	The recent trends of Formulations in Pharma industries.
ER20- 12T	Pharmaceutical Chemistry	75	75	03	01	Latest marketed drugs & concept of analysis.
ER20- 13T	Pharmacognosy	75	75	03	01	Identify importance of crude drug in nutraceuticals & cosmetics

ER20- 14T	Human Anatomy andPhysiology	75	75	03	01	Homeostatic mechanism andphysiological parameter of human body and their significance
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ER20- 15T	Social Pharmacy	75	75	03	01	General role and responsibility of pharmacist
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Second Year: (CAY 2023-24)

Course code	Course Name	Mode of Teaching		TH	Total	Gap Identified
		Theory (Hours)	Practical (Hours)	Hrs. weekly	Tutorial Hrs./week	
ER20- 21T	Pharmacology	75	50	03	01	Pharmacological effect and mode of actions of the drugs on the body
ER20- 22T	Community Pharmacy & Management	75	75	03	01	Describe the establishment, legal requirement and effective administration of Community Pharmacy
ER20- 23T	Biochemistry & Clinical Pathology	75	50	03	01	Biochemical principal of organ function test and their clinical significance
ER20- 24T	Pharmacotherapeutics	75	25	03	01	Information about disease and its treatment.
ER20- 25T	Hospital & Clinical Pharmacy	75	25	03	01	Interpret common lab investigation report for optimize drug therapy
ER20- 26T	Pharmacy Law & Ethics	75	–	03	01	Act and rule regulating the profession and practice of pharmacy in India

First Year: (CAY m1 2022-23)

Course code	Course Name	Mode of Teaching		TH	Total	Gap Identified
		Theory (Hours)	Practical (Hours)	Hrs./ week	Tutorial Hrs./week	

ER20- 11T	Pharmaceutics	75	75 Hours	03	01	The recent trends of Formulations in Pharma industries.
ER20- 12T	Pharmaceutical Chemistry	75	75	03	01	Latest marketed drugs & concept of analysis.
ER20- 13T	Pharmacognosy	75	75	03	01	Identify importance of crude drug in nutraceuticals & cosmetics
ER20- 14T	Human Anatomy and Physiology	75	75	03	01	Interpret common lab investigation report for optimize drug therapy
ER20- 15T	Social Pharmacy	75	75	03	01	Act and rule regulating the profession and practice of pharmacy in India

Second Year: (CAY m1 2022-23)

Course code	Course Name	Mode of Teaching		TH Hrs. weekly	Total Tutorial Hrs/week	Gap Identified
		Theory (Hours)	Practical (Hours)			
ER20- 21T	Pharmacology	75	50	03	01	Pharmacological effect and mode of actions of the drugs on the body
ER20- 22T	Community Pharmacy & Management	75	75	03	01	Describe the establishment, legal requirement and effective administration of Community Pharmacy
ER20- 23T	Biochemistry & Clinical Pathology	75	50	03	01	Biochemical principal of organ function test and their clinical

						significance
ER20- 24T	Pharmacotherapeutics	75	25	03	01	Information about disease and its treatment.
ER20- 25T	Hospital & Clinical Pharmacy	75	25	03	01	Interpret common lab investigation report for optimize drug therapy
ER20- 26T	Pharmacy Law & Ethics	75	–	03	01	Act and rule regulating the profession and practice of pharmacy in India

First Year 1: (CAY m2 2021-22)

Course Code	Course Name	Mode of Teaching		TH Hrs./ week	Total Tutorial Hrs./week	Gap Identified
		Theory (Hours)	Practical (Hours)			
ER20- 11T	Pharmaceutics	75	75 Hours	03	01	The recent trends of Formulations in Pharma industries.
ER20- 12T	Pharmaceutical Chemistry	75	75	03	01	Latest marketed drugs & concept of analysis.
ER20- 13T	Pharmacognosy	75	75	03	01	Identify importance of crude drug in nutraceuticals & cosmetics
ER20- 14T	Human Anatomy and Physiology	75	75	03	01	Interpret common lab investigation report for optimize drug therapy
ER20- 15T	Social Pharmacy	75	75	03	01	Act and rule regulating the profession and practice of pharmacy in India

Second Year : (CAY m2 2021-22)

Course Code	Course Name	Mode of Teaching		TH	PR	Gap Identified
		Theory (Hours)	Practical (Hours)	Hrs./Week	Hrs./Week	
201	Pharmaceutics II	75	100	03	04	The Concept of Novel Drug Delivery System
202	Pharmaceutical Chemistry II	100	75	04	03	Latest Marketed Drugs
203	Pharmacology & Toxicology	75	50	03	02	Latest Marketed Drugs
204	Pharmaceutical Jurisprudence	50	–	02	---	Current amendment in the pharmaceutical legislation
205	Drug Store & Business Management	75	–	03	---	Communication skill and digital accounting
206	Hospital & Clinical Pharmacy	75	50	03	02	Latest Marketed Drugs

At Shivajirao S. Jondhle College of Pharmacy, the prescribed curriculum from MSBTE is delivered through a structured approach that includes both lectures and practical sessions for each course. A timetable is carefully framed to ensure that all topics are covered adequately within the specified time frame. The college provides the necessary facilities such as classrooms and laboratories to support the teaching and learning process.

Recognizing the importance of incorporating modern teaching methods, lectures are delivered using a variety of ICT (Information and Communication Technology) tools in addition to the traditional chalk and board method. This blended technique of teaching aims to enhance student engagement and understanding. At the beginning of each academic year, an induction program is conducted for newly admitted first-year students.

During this program, students are introduced to the academic in-charge who provides a blueprint of the academic calendar for the entire year. This helps students to have a clear understanding of the schedule and expectations, ensuring a smooth transition into the academic year and facilitating effective learning throughout. They are provided with resources such as PowerPoint presentations (PPTs), lecture notes, and other supplementary materials to aid their learning process.

The delivery of syllabus contents is enhanced through the use of effective audio-visual and multimedia elements, ensuring that students receive a dynamic and engaging learning experience. Interactive teaching methods are also employed to encourage active participation and deeper understanding among students.

A comprehensive approach is taken to facilitate student learning and development. Staff members create informative experimental videos throughout the academic year, which are then shared with students to enhance their understanding of key concepts. The college ensures that all necessary academic resources, including books referred to by teachers, are readily available in the library for student access. Additionally, students receive laboratory manuals to guide them through practical experiments as per the syllabus requirements. Emphasizing project-based learning, students are encouraged to write descriptive reports based on their field visits, allowing them to apply theoretical knowledge in practical contexts and develop research skills. The academic in-charge conducts regular meetings of the Institute Curriculum Implementation Unit (ICIU) to ensure alignment with guidelines and the academic calendar, facilitating continuous improvement. Reports submitted to the Principal guide necessary adjustments to infrastructure and human resources, ensuring a dynamic and supportive learning environment for all students.

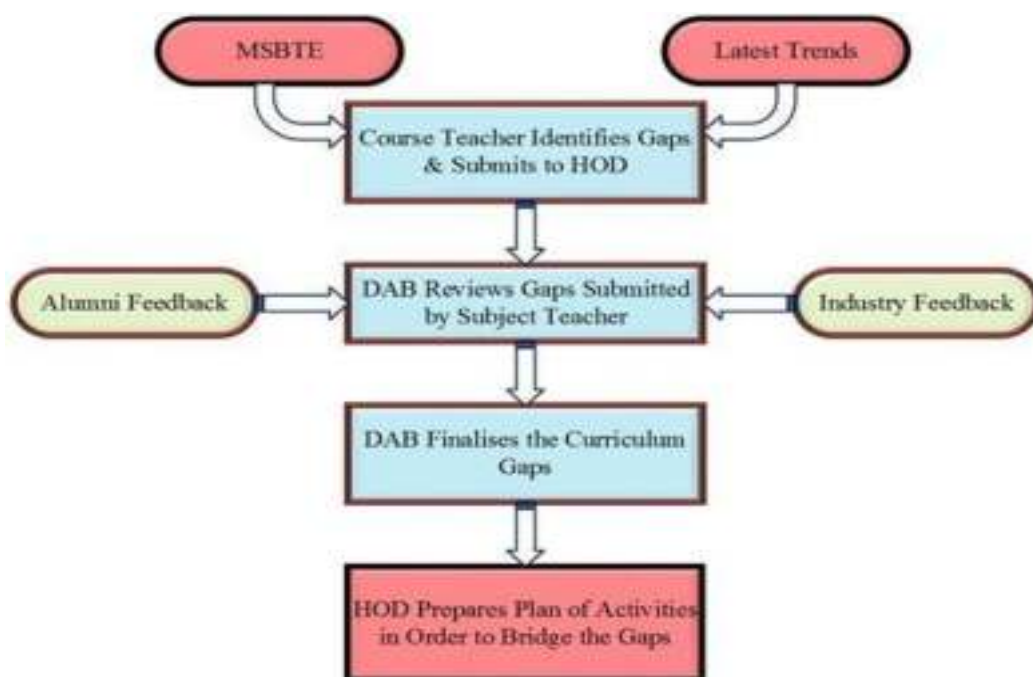









Figure No. 2.1.1 Process of identification of gaps

Table No 2.1.1 Measures taken for delivering the content beyond syllabus for bridging the gap of prescribed syllabus: for the session 2023-24(CAY)

<p>Course code:- ER20- 11T Course Name:- Pharmaceutics PO Map:- 1.2.3.5.6. Gap Identified:- The recent trends of formulation in Pharma industries. Measure Taken to bridge the gap:- Ayushri Pharamceutical Dist –Thane. Maharashtra 30/11/23 and 02/12/23 Impact Analysis:- Students observed and learned about QA, QC stores, Manufacturing of tablet, capsule, Parenteral, ointment packing and dispatch department.</p>	
<p>Course code:- ER20- 12T Course Name:- Pharmaceutical Chemistry PO Map:- 1.2.3.5.6. Gap Identified:- Student upgrade about Theoretical learning and practical exposer. Measure Taken to bridge the gap:- Sun Pharma Piparia silvassa 17/02/2024 Impact Analysis:- 1) Students are able to Better Identify their prospective areas of work in the overall organizational function. 2) learned about industrial profession and new modern technique.</p>	

<p>Course code:- ER20- 13T Course Name:- Pharmacognosy PO Map:- 1.2.3.5.6. Gap Identified:- To make students understand the importance of herb and medicinal plant. Measure Taken to bridge the gap:- 1) Visited to ShivGeeta herbal pharmacy garden on 08/12/2023 Impact Analysis:- Students understood & observed the various types of Medicinal plants & herbal drugs and its usage.</p>	
<p>Course code:- ER20- 14T Course Name:- Human Anatomy and Physiology PO Map:-1.3.5.8 Gap Identified:- Monitoring the safety of medicines and taking action to reduce the risks and increase the benefits of medicines on health. Measure Taken to bridge the gap:- 1) Arranged Expert Lecture on Need of Pharmacovigilance and job opportunity on 14/12/2023 2) Arranged Expert Lecture on Gynecological Problems on 29/11/2023 Impact Analysis:- To understand idea about role of Pharmacist in various sector 2) Students get the compressive knowledge necessary for modern health care of women.</p>	 
<p>Course code:- ER20- 15T Course Name: - Social Pharmacy PO Map: -2.3.4.5.8.9. Gap Identified: - Students Learn about Compassionate and to love, care for other 2) Students learn the Practical knowledge about how raw water is treated. Measure Taken to bridge the gap: - 1) Orphanage visit on 15/12/2023. 2) Water purification plant on 14/12/2023 Impact Analysis: - students able to learn about Improvement in the social work, valuable feelings towards orphanage child. 2) Students give important knowledge about purify water .</p>	 
<p>Course code:- ER20- 21T Course Name:- Pharmacology PO Map:-2.3.4.5.7.8.9. Gap Identified:- To Understand and witness the professional activity of Pharmacist. Measure Taken to bridge the gap:-1) Siddhivinayak Medico, Shahpur on 21/02/2024 Impact Analysis:- The indications for use, dosage regimen, routes of administration, pharmacokinetics, pharmacodynamics, and contraindications of the drugs discussed in this course</p>	

<p>Course code:- ER20- 22T Course Name:- Community Pharmacy & Management PO Map:-2.3.4.5.7.8.9. Gap Identified:- To Understand and witness the professional activity of community Pharmacist. Measure Taken to bridge the gap:-1) Gajanan Medical Distributing Agency. Impact Analysis:- Students understood how to manage and store different types of medicine with their conditions. Students understood the various types of dosage forms.</p>	
<p>Course code:- ER20- 24T Course Name:- Pharmacotherapeutics PO Map:-2.3.4.5.7.8.9. Gap Identified:- Witness the professional activity of Pharmacist. Measure Taken to bridge the gap:-1) UNO FORMULATION velugum Dadra Nagar Haveli.16/02/2024 Impact Analysis:- Students understood the how to manage and store different types of medicine with their Manufacturing conditions. Good Manufacturing Practices , Good laboratory Practices.</p>	
<p>Course code:- ER20- 25T Course Name:- Hospital & Clinical Pharmacy. PO Map:-1.2.3.4.5.7.8.9. Gap Identified:- This Visit to the Hospital made me know about the procedure undertaken in the hospital. The facility available in the hospital and about the equipment used to diagnose the disease and the special treatments given in the hospitals. Measure Taken to bridge the gap:- 1) Visit to life line hospital shahapur. on 21/02/2024. 2) Visit to Pranav Multispacity hospital shahapur.thane.on21/02/2024. 3) Crystal care hospital Shahpur 30/11/2022. Impact Analysis:- Students understood the various types of dosage forms, drug store management & entrepreneurship 2) Student learn about roll of Pharmacist and also how to they interact with doctors, nurses, drug supplier, medical representatives etc.</p>	  




<p>Course code:- ER20- 26T Course Name:- Pharmacy Law & Ethics. PO Map:-1.2.3.4.5.8.9. Gap Identified:- To understand Startup Challenges and document requirements to open drug store. Measure Taken to bridge the gap:- 1) Siddhi Vinayak Medico Shahpur Thane on 24/02/2024. Impact Analysis:- Students understood the document process for opening a new drug store & pharmacy law.</p>	
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Table No 2.1.2 Measures taken for delivering the content beyond syllabus for bridging the gap of prescribed syllabus: for the session 2022-23 (CAYm1)

<p>Course code:- ER20- 11T Course Name:- Pharmaceutics PO Map:- 1.2.3.5.6. Gap Identified:- The recent trends of formulation in Pharma industries. Measure Taken to bridge the gap:- Industrial visit to Phaex Polymer PVT. LTD, Murbad on 29/09/2022 Impact Analysis:- Students observed and learned about QA, QC stores, Manufacturing, packing and dispatch department. 2) Students learn about Manufacturing of Active Pharmaceutical ingredient</p>	
<p>Course code:- ER20- 12T Course Name:- Pharmaceutical Chemistry PO Map:- 1.2.3.5.6. Gap Identified:- Latest marketed drugs & concept of analysis. Measure Taken to bridge the gap:- Guest lecture on Current Pharmaceutical scenario by Mr. Makarand R. Patil on the date 31/03/2023 Impact Analysis:- To provide guiding policies of latest drug.</p>	
<p>Course code:- ER20- 13T Course Name:- Pharmacognosy PO Map:- 1.2.3.5.6. Gap Identified:- 1) Latest Marketed Drugs and their labeling concept. 2) To make students understand the importance of herb and medicinal plant. 3) Students able to learn about how to convert raw material in final product. Measure Taken to bridge the gap:- 1) Visited to Rushikesh Herbal collection Kalyan, 10/03/2023. 2) Visited to ShivGeeta herbal pharmacy garden. 3) Visited to Trivikram Product Herbal Raw Material Supplier and Manufacture. vafe.shahapur.09/03/2023. Impact Analysis:- 1) Student observed Importance Ayurveda dosage form 2) Students understood & observed the various types of Medicinal plants & herbal drugs 3) Students learn about manufacturing of Powder dosage form.</p>	 

	
<p>Course code:- ER20- 14T Course Name:- Human Anatomy and Physiology PO Map:-1.3.5.8 Gap Identified:-Roll and responsibilities of Pharmacist. Measure Taken to bridge the gap:- Guest lecture on Towards professionalism by Ms. Prajka Shinde on the date 04/02/2023 Impact Analysis:- To understand role of Pharmacist in various sector</p>	
<p>Course code:- ER20- 15T Course Name:- Social Pharmacy PO Map:-2.3.4.5.8.9. Gap Identified:- Students Learn about Compassionate and to love, care for other 2) Students learn the Practical knowledge about how raw water is treated. Measure Taken to bridge the gap:- 1) Orphanage visit on 20/10/2022 2) Social Awareness Program on 19/01/2023. 3) Water purification plant on 03/02/2023 Impact Analysis:- Improvement regarding the social work, valuable feelings towards orphanage child.</p>	 
<p>Course code:- ER20- 22T Course Name:- Community Pharmacy & Management PO Map:-2.3.4.5.7.8.9. Gap Identified:- To Understand and witness the professional activity of community Pharmacist. Measure Taken to bridge the gap:- 1) Vishwanath medicine distributors, shahapur on 07/12/2022. Impact Analysis:- Students understood the how to manage and store different types of medicine with their conditions. Students understood the various types of dosage forms.</p>	




<p>Course code:- ER20- 25T Course Name:- Hospital &Clinical Pharmacy. PO Map:-1.2.3.4.5.7.8.9. Gap Identified:- This Visit to the Hospital made me know about the procedure undertaken in the hospital. The facility available in the hospital and about the equipment used to diagnose the disease and the special treatments given in the hospitals. Measure Taken to bridge the gap:- 1) Visit to Rukmini hospital Shahapur on 07/12/2022. 2) Crystal care hospital shahpur 30/11/2022. Impact Analysis:- Students understood the various types of dosage forms, drug store management & entrepreneurship</p>	
<p>Course code:- ER20- 26T Course Name:- Pharmacy Law &Ethics. PO Map:-1.2.3.4.5.8.9. Gap Identified:- To understand Startup Challenges and document requirements to open drug store. Measure Taken to bridge the gap:- 1) Crystalcare Medical store Shahapur on 30/11/2022. 2) Guest speaker on General Sensitization by Mr. Sumit Pawar on the date 22/02/2023 Impact Analysis:- Students understood the document Process how to opening new drug store & pharmacy law. 2) To aim to conduct the lecture for the spread the awareness about gender issue and generate the awareness in regard to equality in law, social system and democratic activities.</p>	

Table No 2.1.3 Measures taken for delivering the content beyond syllabus for bridging the gap of prescribed syllabus: for the session 2021-22 (CAYm2)

<p>Course code:- ER20- 11T Course Name:- Pharmaceutics-I PO Map:- 1,2,3,5,6 Gap Identified:- The recent trends of formulation in Pharma industries. Measure Taken to bridge the gap:- A Guest lecture by Mr. Rohan Pawar was organized on 17/03/2022 on the topic Quality control assurance. Impact Analysis:- To understand the challenges of novel drug delivery system. Industrial techniques, analysis of formulations, quality of products was understood</p>	
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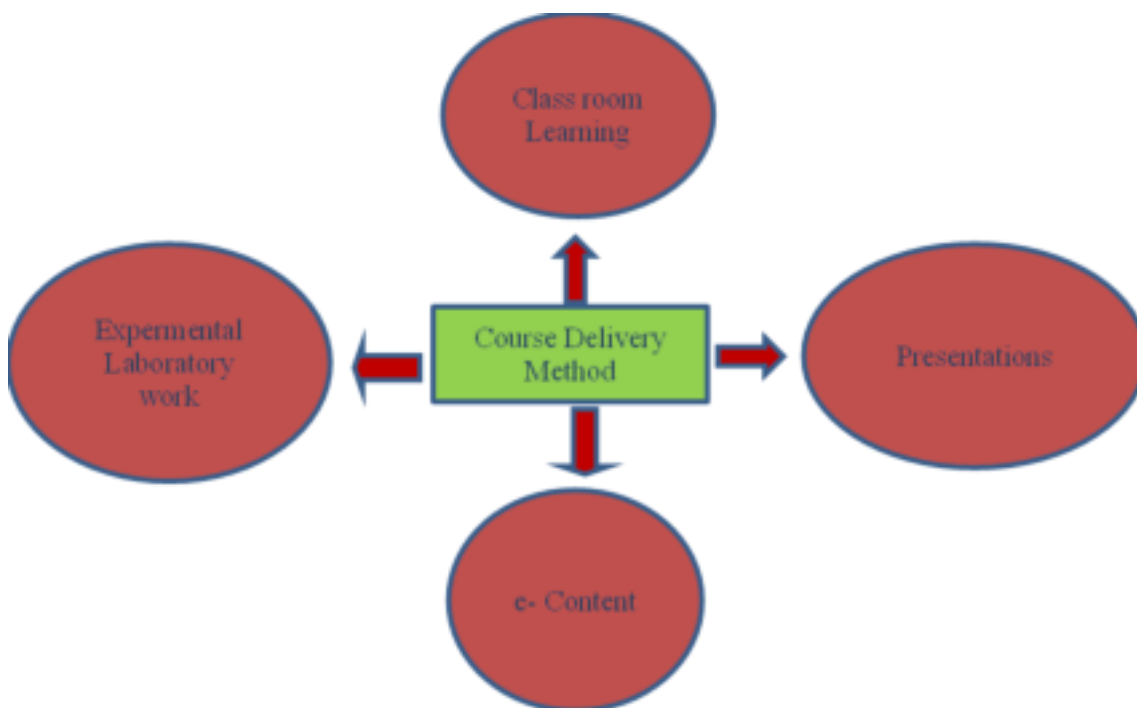
<p>Coursecode:- ER20- 12T Course Name:- Pharmaceutical Chemistry-I PO Map:- 1,2,3,5,6. Gap Identified:- Latest marketed drugs & concept of analysis Measure Taken to bridge the gap:- A Guest lecture by Mrs. Manisha Chaudhari was organized on 02/03/2022 on the topic Pharmaceutical chemistry aspects education regulation 1991 and 2020 Impact Analysis:- Students improve knowledge about pharmaceutical chemistry and ethics.</p>	
<p>Course code:- ER20- 14T Course Name:- Human Anatomy and Physiology PO Map:- 1.3.5.8 Gap Identified:- Roll and responsibilities of Pharmacist. Measure Taken to bridge the gap:- 1Welfair Diagnostic center, Shahapur, Thane on 04/03/2022 Impact Analysis:- Analysis of various pathological tools. E.g.: blood test, Hb test, RBC & WBC counting etc</p>	
<p>Coursecode:- ER20- 15T Course Name:- Social Pharmacy PO Map:- 2,3,4,5,8,9 Gap Identified:- Social health related concepts Measure Taken to bridge the gap:- Enviro Vigil Kalwa Thane. 27/04/2022 Impact Analysis:- Improvement in the basic knowledge on public health, epidemiology, preventive care, and other social health related concepts</p>	
<p>Coursecode:- 202 Course Name:- Pharmaceutics II PO Map:- 1,2,3,5,6 Gap Identified:- The recent trends of formulation in Pharma industries. Measure Taken to bridge the gap:- A Guest lecture by Mr. Sagar Baviskar was organized on the topic Novel Drug Delivery System. 19/03/2022 Impact Analysis:- To understand the challenges of novel drug delivery system. Industrial techniques, analysis of formulations, quality of products was understood</p>	
<p>Coursecode:- 203 Course Name:- Pharmacology & Toxicology PO Map:- 1,4,5,6,7,9 Gap Identified:- To understand pharmacological and toxicological effect of different drugs Measure Taken to bridge the gap:- Visit to Rukmini hospital Shahpur, Thane on 04/03/2022 Impact Analysis:- Improvement in the awareness of new diagnostic techniques was noticed</p>	

<p>Coursecode:- 205 Course Name:- Drug Store & Business Management PO Map:- 1,3,4,5,6,7,8,9 Gap Identified:- To understand drug house management , sales , banking and finance Measure Taken to bridge the gap:- A Guest lecture by Mr. Shyam Narayan Koli was organized on 03/03/2022 on the topic Opportunity Pharma Sector and Start-up Challenges Impact Analysis:- Improvement in Various opportunities in pharma industries and how to start up about business and also personality development</p>	
<p>Coursecode:- 206 Course Name:- Hospital & Clinical Pharmacy PO Map:- 1,2,4,5,6,7,9 Gap Identified:- This Visit to the Hospital made me know about the procedure undertaken in the hospital. The facility available in the hospital and about the equipment used to diagnose the disease and the special treatments given in the hospitals Measure Taken to bridge the gap:- 1 Visit to Rukmini hospital Shahpur, Thane on 04/03/2022 Impact Analysis:- Improvement in the awareness of new diagnostic techniques was noticed.</p>	

2.2 Adherence to Academic Calendar (10)

(Demonstrate notified academic calendar & its adherence)

The Fig 2.2.1 will show the components we consider for adherence to academic calendar.



At the commencement of the academic year, in accordance with the M.S.B.T.E academic calendar, faculty members convened under the auspices of the Principal to conduct the internal Academic Monitoring Committee (IMC) meeting. During this meeting, various aspects essential to the academic year were deliberated upon and finalized. These include the institutional academic calendar, timetable for lectures and practical sessions, teaching plans, mentee progress reports, remark sheets, attendance records, sessional examinations, as well as arrangements for guest lectures, cultural events, and co-curricular activities. The adherence to the institutional academic calendar is closely monitored by the academic coordinator and IMC members biannually, with an additional review conducted by an external committee once per year. All activities and updates pertinent to the academic year are communicated promptly via notice board announcements, and adherence to these guidelines is strictly observed by both teaching and non-teaching staff, as well as by the students, ensuring the smooth and effective functioning of the academic calendar.

Following tables will give the academic calendarers planning and execution dates for each academic year

CAYm2:2021-22

No.	Activity	Plan Date	Date of Actual Conduction
1	Commencement date of SY DPharm	09.08.2021	09.08.2021
2	Pharmacist Day celebration	25.09.2021	25.09.2021
3	Commencement date of FY DPharm	01.10.2021	01.10.2021
4	Induction Program for First year	01.10.2021	13.10.2021
5	Winter Break (Diwali Vacations)	02.11.2021 – 07.11.2021	02.11.2021 -07.11.2021
6	First Sessional Exam	13.12.2021	
7	First Internal Monitoring	Second week of December	09.11.2021
8	Exam Form filling for Exstudents	08.02.2021 – 17.02.2021	08.02.2021-17.02.2021
9	Entrepreneurship Development Program (Diagnostic centre visit)	Third week of March	04.03.2022
10	Hospital Visit	Third week of March	04.03.2022
11	Winter Practical Exam :-	08.03.2021to 12.03.2021	08.03.2021to 12.03.2021
12	Second Sessional Exam	14/03/2022	15

13	Winter Theory Exam	15.03.2021 to 20.03.2021	15.03.2021 to 20.03.2021
14	Summer Exam Form Filling	29.03.2022 – 15.04.2022	29.03.2022 –15.04.2022
15	Declaration of Winter Exam Result	07.04.2021	07.04.2021
16	Annual Gathering	Third Week of Jan	Third Week of Jan
17	Second Internal Monitoring	Second Week of April	26.04.2022
18	Industry Visit	First week of April	27.04.2022
19	External Academic Monitoring	Fourth Week of April	25.04.2022
20	Submission of Records	28.05.2022	28.05.2022
21	Third Sessional Exam	25.05.2022	25.05.2022
22	Summer Practical Exam	31.05.2022 – 09.06.2022	31.05.2022 – 09.06.2022
23	Summer Theory Exam	16.06.2022 – 07.07.2022	16.06.2022 – 07.07.2022
24	Declaration of Result	Second Week of August 2022	13.08. 2022
21	Third Sessional Exam	25.05.2022	25.05.2022
22	Summer Practical Exam	31.05.2022 – 09.06.2022	31.05.2022 – 09.06.2022
23	Summer Theory Exam	16.06.2022 – 07.07.2022	16.06.2022 – 07.07.2022
24	Declaration of Result	Second Week of August 2022	13.08. 2022

CAYm1: 2022-23

Sr.No.	Activity	Plan date	Date of ActualConduction
1	Commencement date of SY DPharm	17.08.2022	17.08.2022

2	Expert Lecture on SelfConfidence	Third week of August	22/08/22
3	Teachers Day Celebration	5 Sept. 2022	5/9/2022
4	Pharma week Celebration	25.09.2022-30.09.2022	25.09.2022-30.09.2022
5	Quiz Competition	Third week of Sep.	27/09/22
6	Pharmacist Day Celebration	25 Sept. 2022	25 Sept. 2022
7	NSS Activity (Free Cloth Bags Distributions)	First week of Oct.	14.10.2022
8	Health Check-up & MedicineDistribution Camp	Second week of Oct.	20.10.2022
9	Field visit for Social Pharmacy(Orphanage visit)	Second week of Oct.	20/10/2022
10	Induction Program for Secondyear	Third week of Oct.	21.10.2022
11	Mentor Meeting (Meeting -1)	Third Week of Oct	21.10.2022
12	Winter Break (Diwali Vacation)	22.10.2022-31.10.2022	22.10.2022- 31.10.2022
13	Industry visit (Phaex Pharma)	Third week of Oct	29/10/2022
14	First Internal Monitoring	Second week of November	28.11.2022
15	First Sessional Examination (SYD Pharm)	14.11.2022-28.11.2022	14.11.2022-28.11.2022
16	Entrepreneurship DevelopmentCell	30.11.2022	30.11.2022
17	Hospital Visit	Third week of Nov.	30/11/2022
18	Field Visit for Hospital and Clinical Pharmacy {Crystal care HealthCare Centre(Hospital)}	Third week of Nov.	30/11/2022
19	Field Visit for community Pharmacy and Management	First week of Dec	07/12/2022
20	Field Visit for Hospital and Clinical Pharmacy (Rukmini Health Care)	First week of Dec.	08/12/2022

21	Commencement date of FY D	19.12.2022	19.12.2022
22	Winter Practical Exam	22.12.2022-30.12.2022	22.12.2022- 30.12.2022
23	Induction Program for First year	19.12.2022	02.01.2023
24	Awareness Camp	Second Week of Jan	16.01.2023
25	Medical Check-up camp	Second Week of Jan	19.01.2023
26	Field visit for Social Pharmacy (Water purification Plant)	First week of Feb	03/02/2023
27	Expert Lecture on Towards Professionalism Transformation from college life to Professional life	First Week of Feb	04.02.2023
28	Annual Gathering – FESTADRENO	06.02.2023-11.02.2023	06.02.2023-11.02.2023
29	Expert Lecture on Gender Sensitization	Second week of Feb	22/02/23
30	Second Sessional Exam(SY Dpharma) first sessional (FY D Pharm)	13.02.2023 to 24.02.2023	13.02.2023 to 24.02.2023
31	Summer Exam form filling	01.03.2023-16.03.2023	01.03.2023- 16.03.2023
32	Winter Theory Exam	03.01.2023-24.01.2023	03.01.2023- 24.01.2023
33	Happy Women's day	08.03.2023	08.03.2023
34	Industry visit	First week of March	09/03/23
35	Field visit for Pharmacognocny	First week of March	10/03/2023
36	Mentor Meeting (Meeting - 2)	Third Week of March	17.03.2023
37	Second sessional (FY D Pharm)	27.03.2023 to 10.04.2023	27.03.2023 to 10.04.2023
38	Expert Lecture on Current Pharmaceutical Market Scenario	Third week of March	31/03/23
39	Second Internal Monitoring	First Week of April	03.04.2023
40	Blood Donation Camp	First Week of April	07.04.2023
41	Filling of exam form Summer	17/04/2023-23/04/2023	17/04/2023-23/04/2023
42	Third sessional	17.04.2023 to	17.04.2023 to

		28.04.2023	28.04.2023
43	Summer Practical Exam	13.05.2023- 20.05.2023	13.05.2023- 20.05.2023
44	Summer Theory Exam	24.05.2023- 13.07.2023	24.05.2023- 13.07.2023
45	International Day of Yoga Celebration	21 June 2023	21 June 2023
46	Declaration of Result	29.06.2023	29.06.2023

CAY: 2023-24

Sr.No.	Activity	Plan date	Date of Actual Conduction
1	Commencement date of SY DPharm	24.07.2023	24.07.2023
2	NSS Activity (Free Cloth Bags Distributions)	Third week of Oct.	25.08.2023
3	Hospital Visit	First week of sep.	01/09/2023
4	Commencement date of FY D Pharm	04/09/2023	04/09/2023
5	Teachers Day Celebration	5Sept. 2023	5/9/2023
6	Pharmacist Day Celebration	25 Sept. 2022	25Sept. 2023
7	Pharma week Celebration	25.09.2023- 30.09.2023	25.09.2023- 30.09.2023
8	Free Health Check-up Camp	Third week of Sep.	26.09.2023
9	Quiz Competition	Third week of Sep.	27/09/2 3
10	Induction Program for First year	07.10.2023	07.10.2023
11	First Sessional Examination (SYD Pharm)	09.10.2023- 14.10.2023	09.10.2023- 14.10.2023
12	Induction Program for Secondyear	Third week of Oct.	21.10.2023

13	Mentor Meeting (Meeting - 1)	Third Week of Oct	26/10/2023
14	First Internal Monitoring	Third week of Oct	28.10.2023
15	first sessional (FY D Pharm)	30/10/2023-04/11/2023	30/10/2023-04/11/2023
16	Expert Lecture on Reinvent yourself	Third week of October	31/10/2023
17	Winter Break (Diwali Vacation)	22.10.2022- 31.10.2022	09.11.2023- 19.11.2023
18	Winter Practical Exam	16.11.2023- 24.11.2023	16.11.2023- 24.11.2023
19	Free Health Check-up Camp	Third week of Oct .	29.11.2023
20	Industry visit (Ayushri Pharamceutical)	Third week of November	30/11/2023
21	Winter Theory Exam	01.12.2023- 22.12.2023	01.12.2023- 22.12.2023
22	Field visit for Pharmacognocny	First week of Dec	08/12/2023
23	Field visit for Social Pharmacy(Water purification Plant)	First week of Dec	14/12/2023
24	Expert Lecture on Need of Pharmacovigilence	Second week of Dec	14/12/2023
25	Expert Lecture on Towards Sucess (Inch By Inch)	Third week of Dec	30/12/2023
26	Second Sessional Exam(SY Dpharma)	15.01.2024 to 19.01.2024	15.01.2024 to 19.01.2024
27	Second sessional (FY D Pharm)	15.01.2024 to 19.01.2024	15.01.2024 to 19.01.2024
28	Annual Gathering – FESTADRENO	30.01.2024-03.02.2024	30.01.2024-03.02.2024
29	Summer Exam form filling	06.02.2024- 19.02.2024	06.02.2024- 19.02.2024
30	Industry visit (UNO Pharamceutical)	Third week of Feb	16/02/2024

31	Industry visit (Sun Pharamceutical)	Third week of Feb	17/02/2024
32	Entrepreneurship DevelopmentCell	21/02/24	21/02/24
33	Field Visit for Hospital andClinical Pharmacy	Third week of feb .	21/02/2024
34	Field Visit for community Pharmacy and Management	Third week of feb .	21/02/2024
35	Field Visit for Hospital and Clinical Pharmacy	Third week of feb .	21/02/2024
36	Expert Lecture on Insight of Medical Coding and Opportunity	Third week of Feb	24/02/2024
37	Day of YogaCelebration	28 feb 2024	28 feb 2024
38	Happy Women's day	08.03.2024	08.03.2024
39	Mentor Meeting (Meeting - 2)	Third Week of March	17.03.2024
40	Second Internal Monitoring	First Week of April	03.04.2024
41	Third sessional	25.03.2024 to 29.03.2024	25.03.2024 to 29.03.2024
42	Summer Practical Exam	10.04.2024- 19.04.2024	10.04.2024- 19.04.2024
43	Summer Theory Exam	23.04.2024- 16.05.2024	23.04.2024- 16.05.2024
44	Declaration of Result	21.06.2024	21.06.2024

2.3 INITIATIVEES IN TEACHING AND LEARNING PROCESS (15)- (Implementation of teaching-learning process and initiatives in improving instruction methods, the quality of laboratory experiments with regards to conduct, record observations, analysis and continuous evaluation, encouraging bright students, assisting week students etc. The initiatives, implementation details and impact analysis need to bedocumented).

- 1 Upon analyzing the syllabus, it became evident that utilizing PowerPoint presentations would be an engaging method to deliver course content. These presentations incorporate subject-related images,

short videos, point wise narration and organized chapter-wise presentations, enhancing understanding and retention among students.

- 2 Recognizing the effectiveness of audio-visual aids, faculty members collected educational videos available on platforms like YouTube or other educational websites. Additionally, faculty themselves created videos, sharing the links with students. Notes and MCQ-pattern questions based on these videos were also provided to further aid learning.
- 3 To foster student interest and application of knowledge, various competitions were organized based on topics within the current syllabus. These included poster-making, model-making, paper presentations, and technical quiz competitions.
- 4 For practical, real-life insights into subjects, industrial and hospital visits were arranged. The introduction of digital media projectors and smart classrooms further enriched the learning environment, facilitating interactive and immersive learning experiences.
- 5 In addition, a fast Internet facility (32mbps) is provided via Wi-Fi, enabling students to engage in self-learning and access a wealth of knowledge instantly. This Internet facility supports various learning activities, and a digital library has been established to provide students with digital resources for studying, project work, information sharing, and accessing related documents.
- 6 To underscore the significance of medicinal plants, an enlightening visit to the 'ShivGeeta Udyan' medicinal garden was developed, providing students with practical exposure to the importance and uses of these plants in medicine.
- 7 Regular mentor-mentee meetings were arranged to address student concerns and offer educational, moral, and mental support, fostering personal growth and development.
- 8 The establishment of an actual drug museum within the college premises facilitated hands-on learning experiences, showcasing different dosage forms to enhance students' understanding of pharmaceutical concepts.
- 9 Engagement with highly qualified experts allowed students to gain insights into the current market trends and updates within the pharmaceutical industry, enriching their knowledge and perspective.
- 10 Various camps, including health check-ups, communicable disease awareness drives, blood donation initiatives, and visits to orphanages, were organized, combining social service with learning opportunities about prevalent health issues in society, instilling empathy and a broader understanding among students.
- 11 Expert lectures on personality development, career counseling, and communication skills were conducted to inspire, shape, and refine the personalities of students, equipping them with essential skills for personal and professional success.
- 12 Encouragement was extended for student participation in intercollegiate festivals and competitions, providing platforms to showcase their talents, hone their skills, and demonstrate their capabilities to a wider audience.
- 13 Efforts were made to facilitate campus placements across a broader spectrum, offering students diverse career opportunities and launching them into promising career trajectories. These initiatives

collectively aimed to empower students, enrich their learning experiences, and prepare them for future success in their chosen fields.

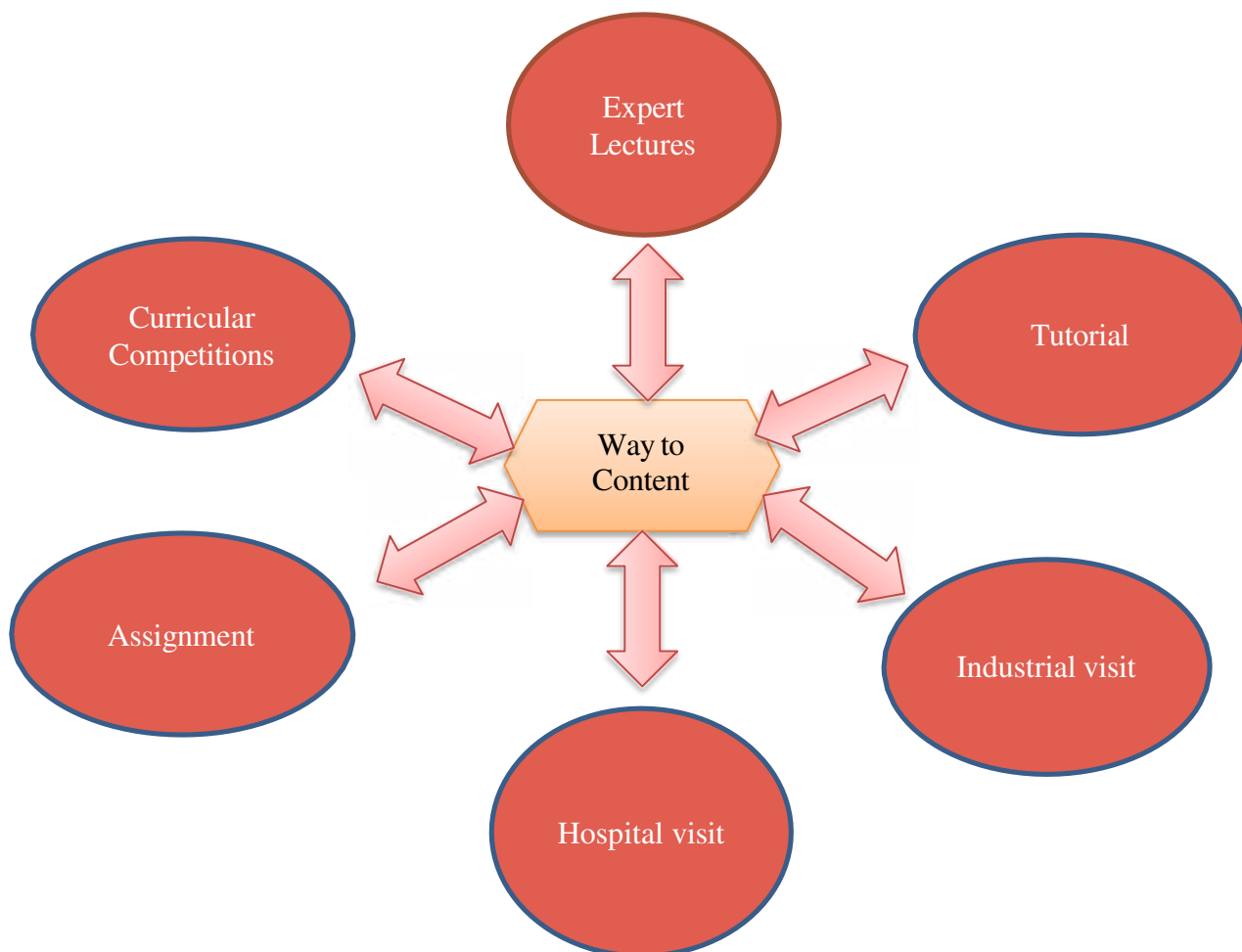






















Figure 2.3.1 Methodology employed for content beyond syllabus

Table 2.3.1 List of curricular activities for Syllabus coverage

<p>Add On courses: Various Add on courses and soft skill development programs were conducted at college to upgrade knowledge and recent trends in pharmaceutical sector.</p>	
<p>Industrial Visits Industrial Visits were arranged to understand the industrial practices.</p>	

<p>Field Visit: Hospital visit, distribution agency and retail Pharmacy store visits were arranged for students.</p>	
<p>Social Responsibility: Visit to Asylum, Old Age homes were arranged to nurture human values in students</p>	
<p>Guest Lectures (Webinars and Seminars) Renowned expert lectures from industry, corporate sector and Academia were arranged to deliver a session on technical guidance, training and to find out various job opportunities in the industry.</p>	
<p>Notes Staff member use to make his own notes from reference books and gives to students for easy understanding.</p>	
<p>Assignment Assignments were given to students periodically or after end of topic to assess understanding level of students.</p>	
<p>Tutorial The tutorials were conducted weekly to simplify the difficult topics.</p>	
<p>Lab manual Lab manuals as per revised syllabus were allotted to students and checked after completion of practicals.</p>	

<p>Filed visit report Field visits were arranged to understand the industrial practices.</p>	
<p>IAMC Planning and monitoring of overall academic operations, activities, procedures, functioning and maintaining all relevant documents and files in association with various committee/coordinators of the department.</p>	
<p>Book bank facility Book Bank facility is provided to most of the students</p>	
<p>PowerPoint list Power point presentation is a interactive method of teaching and learning, where use of colourful images and videos makes understanding easy.</p>	
<p>Time table 2022-23 Time table is prepared and followed throughout the year to assure completion of syllabus.</p>	
<p>Mentor: Mentee meetings Mentor: Mentee meetings were arranged weekly and progress of mentee student is communicated to Parents.</p>	

<p>Practical Training Practical Training in retail medical Shop is mandatory and evaluation tests were arranged to assess the competency of student as Pharmacist</p>	
<p>Teaching plan for Theory subject Teaching plan is made by subject incharge and displayed on notice boards to assure completion of syllabus in time.</p>	
<p>Syllabus Completion Report Syllabus Completion Report was submitted by each and every subject incharge which covers all the points of syllabus, notes, ppt, understanding level and completion of syllabus as well as submission of evaluation sheets by staff to exam Incharge.</p>	
<p>Audio-visual and multimedia elements On College you tube Channel. Staff and students of our college createsand spread informative contents by making videos and (41) Shivajirao S Jondhle College of Pharmacy Asangaon - YouTube</p>	
<p>Remark sheet Daily remark sheet having 10 marks evaluation of teaching and learning is collected from students to check understanding , attendance and remark of students</p>	










<p>Mentor meeting Bach wise</p>	
<p>Library Ample number of Reference books and text books is available with us. A spacious reading room is also available.</p>	
<p>e-Library Ebooks, E Journals are available in college</p>	
<p>Induction first year Induction program is arranged every year to inform academic schedule, syllabus, sessional and semester exam and Evaluation pattern.</p>	



Table No 2.3.2 Content beyond syllabus coverage activities

<p>Logo Making Competition . Awards won by institute students in Logo Making Competition organized by nagrik shikshan sanstha college of pharmacy on word Pharamcist day 25/05/2023 Four students Participate from our</p>	
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<p>college.</p>	
<p>Students Participate in Other College.Poster Presentation Competition Awards won by institute students in Poster Presentation Competition organized by Bharti Vidyapith College of Pharmacy CBD Belapur Navi Mumbai in National Level 10/01/2023 Four students Participate from our college.</p>	
<p>Intercollegiate competition Awards won by institute students in Intercollegiate Sport Competition organized by Sidhi College of Pharmacy Nadgaon Dist Thane Mumbai and Indala Institute of Pharmacy 17/02/2024,26/02/2024. More than 75 Students Participate from our college for various Sport activity.</p>	
<p>Intercollegiate quiz competition Our institute students Participate in Intercollegiate quiz competition organized by Principal of K.M.Kundnani college of pharmacy Polytechnic Ulahas nagar thane on 08/02/2024 10 students Participate from our college.</p>	
<p>Street Play Our institute students organized and Participate in College level Street Play Program on the occasion of world Pharmacist Day on 29/09/2022 More than 175 Students Participate from our college</p>	

<p>Awareness rally Our institute students organized and Participate in College level Awareness rally Program on the occasion of world Pharmacist Day on 29/09/2022 More than 200 Students Participate from our college</p>	
<p>Rangoli Competition Our institute students organized and Participate in College level Awareness rally Program on the occasion of world Pharmacist Day on 28/09/2022 More than 200 Students Participate from our college</p>	
<p>Model Making Competition Our institute students organized and Participate in College level Awareness rally Program on the occasion of world Pharmacist Day on 28/09/2022 More than 60 Students Participate from our college</p>	
<p>Logo & Slogan Competition Our institute students organized and Participate in College level Logo & Slogan Competition Program on the occasion of world Pharmacist Day on 27/09/2022 More than 60 Students Participate from our college</p>	
<p>Quiz competition Our institute students organized and Participate in College level Logo & Slogan Competition Program on the occasion of world Pharmacist Day on 27/09/2022 More than 60 Students Participate from our college</p>	
<p>Free medical health check-up camp Our institute students organized and Participate in Free health checkup and Medicine distribution camp Program on More than 60 Students Participate from our college 20/10/2022</p>	

<p>More than 60 Students Participated from our college</p>	
<p>Pasaydan Balbhavan child Home Our Students Celebrated Rakshabandhan with Pasaydan Orphanage and distributed clothes, School Stationary, Medicines, Sweet to them on 15/122023,16/11/2022.</p>	
<p>Matoshree Old age home Our institute students organized and Participate in Filed Visit Program at Matoshree Old age home on 15/12/2023 More than 60 Students Participate from our college</p>	
<p>Personality and motivation Guest lecture Prof. Pavan Patil Sir Professor of Mathematics and Reasoning Owner of BASIC 2 BUILDING ACADEMY. (YOU TUBE Silver button) On 30/12/23</p>	
<p>Personality and motivation Guest lecture Mr. Ranjit Sing Director lets Create Foundation on topic of Reinvent Yourself on 31/10/23</p>	

<p>Add on Certificate Our College Arranged Guest Lecture on add on value mr Sachin Kumbhoje on 23/11/2023.</p>	
<p>Extra-Curricular Celebration Celebration of Commemorative days</p>	

2.4 INITIATIVES RELATED TO HOSPITAL AND OTHER RELATED INTERACTIONS (10)

(Give details of the industry/ hospital involvement in the program such as industry- supported laboratories, partial delivery of appropriate courses by industry experts and/or collaborative initiatives with the hospitals etc. Mention the initiatives, implementation details and impact analysis)



Figure 2.4.1 Process Showing Improvements in quality of teaching learning

Table: 2.4. 1 Details of Industry and Hospital linkage and its significance-

Sr. No.	Name of Industry	Date of MOU	Significance of MOU
1	Lok- Beta Pharmaceutical ltd, Mulund	27/07/2017	1) To promote and enhance academic and industrial interest of students for implementation of the practical applications and training undertaking projects of better quality at SSJCOP. 2) To promote research and continuing education activities between Lok-beta pharmaceuticals ltd. and SSJCOP, Asangaon.
2	Patlex Buisness solution, Latur	16/08/2017	1)To promote and enhance for innovative scientific research work to students from our college. 2)To Give knowledge about intellectual property rights. 3)To promote, enhance and encourage for procedures of filling of patent by students.
3	Hind labs, Shahapur, Thane	03/08/2018	1)To expose various instruments used in industry 2)To promote research and continuing education activities between Hindlabs and SSJCOP, Asangaon.
4	T.I.M.E. Institute, Andheri (e)	25/01/2018	1) To promote and enhance academic and industrial interest of students for implementation of the practical applications and training undertaking projects of better quality at SSJCOP.
5	J Duncan Healthcare Pvt.Ltd.	28/02/2017	1)To promote and enhance academic and

	Atgaon		industrial interest of students for implementation of the practical applications and training undertaking projects of better quality at SSJCOP.
6	Gaurishankar Institute of Pharmaceutical Education and Research, Limb, Satara, Maharashtra	06/01/2020	1) Guest Lectures 2) Curriculum Design 3) Intercollegiate Program 4) Skill Development Programs
7	D.D. Vispute College of Pharmacy and Research Center, Navi Mumbai, Maharashtra.	09/01/2020	1) Guest Lectures 2) Curriculum Design 3) Intercollegiate Program 4) Skill Development Programs
8	Shri Gulabrao Deokar College of Pharmacy, Jalgaon, Maharashtra	11/01/2020	1) Guest Lectures 2) Curriculum Design 3) Intercollegiate Program 4) Skill Development Programs
9	Crystalcare Hospital, Asangaon, Tal. Shahapur, Dist. Thane, Maharashtra.	14/11/2022	1) Health checkup Camp. 2) Hospital Management: 3) Expert Lectures and Faculty exchange 4) Skill Development Programs 5) Utilization of Facilities
10	Life line Hospital, Shahapur, Dist. Thane, Maharashtra.	12/11/2022	1) Health checkup Camp. 2) Hospital Management: 3) Expert Lectures and Faculty exchange 4) Skill Development Programs 5) Utilization of Facilities
11	Siddheshwar Hospital, Shahapur, Dist. Thane, Maharashtra.	25/07/2022	1) Health checkup Camp. 2) Hospital Management: 3) Expert Lectures and Faculty exchange 4) Skill Development Programs 5) Utilization of Facilities
12	Deep Smruti Hospital, Shahapur, Dist. Thane, Maharashtra.	18/11/2022	1) Health checkup Camp. 2) Hospital Management: 3) Expert Lectures and Faculty exchange 4) Skill Development Programs 5) Utilization of Facilities
13	Sukamal Hospital, Shahapur, Dist. Thane, Maharashtra.	25/11/2022	1) Health checkup Camp. 2) Hospital Management: 3) Expert Lectures and Faculty exchange 4) Skill Development Programs 5) Utilization of Facilities
14	Trivikram Products, Wafe MIDC, Tal. Shahapur, Dist. Thane, Maharashtra.	19/10/2021	1) Education 2) Industry visit and Training. 3) Expert Lectures and Faculty exchange 4) Skill Development Programs 5) Utilization of Facilities
15	The Ayurvedeeya Arkashala Ltd, Satara, Maharashtra	28/03/2021	1) Education 2) Expert lectures 3) Industrial visit 4) Training 5) Authentication of herbal drugs
15	OpEx Accelerator Private Limited, Kolhapur	02/08/2018	1) To promote a common platform for StartUp & Skill Development of the Students. 2) To enhance StartUp Ecosystem.

			<p>3)To organize Employability Enhancement Training Programs for the Students.</p> <p>4)To assist StartUp projects through mentoring and handholding support.</p>
16	CiREE Edu Tech LLP	02/11/2023	<p>1)Career Development programs</p> <p>2)Skill Development Courses</p> <p>3)Training programs</p> <p>4)Employability Development Programs, Start-Up & Entrepreneurship Development</p> <p>5)Soft-Skills and Technical Workshops</p>
17	Krugar Ventilation Industries (India) PVT.LTD Kruger center . Shahapur Thane.	07/12/2022	<p>1)Industrial Guidance</p> <p>2)Technical Guidance</p> <p>3)Expert Lecture</p> <p>4) Research.</p>
18	Vijay Enterprises Asangaon , Thane Maharashtra	30/12/2019	<p>1) understanding different type of fire (A.B.C)</p> <p>2) understanding different type of Fire extinguishers</p> <p>3) demonstrating the use of dry powder extinguishers</p> <p>4) demonstrating the use of carbon dioxide cylinder as per Fire extinguishers</p> <p>5) demonstrating the use of sand bucket to seize fire</p> <p>6) demonstrating the use of the hydrant system effectively</p> <p>7) demonstrating of the ability to manage small fire, safety and effectively</p> <p>8)Planning and preparing effective emergency plane s</p> <p>9) to Provide Firefighting to staff and students annually.</p>
19	S.S.Jondhle Institute of Law and Research	10/01/2020	<p>1. Guest Lectures</p> <p>2. Curriculum Design</p> <p>3. Skill Development</p>
20	Biocyte Institute of research and development,Sangali	05/03/2021	<p>1. Drug research,</p> <p>2. Preclinical research</p> <p>3. Guest Lecture</p> <p>4. Guidance</p>

Table: 2.4.2: Details of Activities conducted under industry, Hospital and institute interactions during last three years.

Sr.no	Name and Activity conducted in CAY	Date of conduction	Activity
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1	Firefighting training for teaching, non-teaching and students .	04/01/2024	<ol style="list-style-type: none"> 1) understanding different type of fire (A.B.C) 2) understanding different type of Fire extinguishers 3) demonstrating the use of dry powder extinguishers 4) demonstrating the use of carbon dioxide cylinder as per Fire extinguishers 5) demonstrating the use of sand bucket to seize fire 6) demonstrating the use of the hydrant system effectively 7) To Provide Firefighting to staff and students
2	Add on Courses	02/11/2023	1) Skill Development Courses
3	Trivikram Products, Wafe MIDC, Tal. Shahapur, Dist. Thane, Maharashtra	09/03/2023	1) Industry visit and Training.
4	Life line Hospital, Shahapur, Dist. Thane, Maharashtra.	21/02/2024	1) Hospital Management:
5	Mrs Pushpa Pai S.S.Jondhle Institute of Law and Research	27/02/2024	1) Arranged Expert Lecture on Women empowerment in India and its Importance
6	Mrs Dr Sanjivani Patil MBBS Crystal Care Hospital Shahapur Thane.	29/11/2023	1) Arranged Expert Lecture by Gynecologist on women health issues

Sr.no	Name and Activity conducted in CAYm1	Date of conduction	Activity
1	Firefighting training for teaching, non teaching and students .	04/03/2022	<ol style="list-style-type: none"> 1 understanding different type of fire (A.B.C) 2 understanding different type of Fire extinguishers 3 demonstrating the use of dry powder extinguishers 4 demonstrating the use of carbon dioxide cylinder as per Fire extinguishers 5 demonstrating the use of sand bucket to seize fire 6 demonstrating the use of the hydrant system effectively

			7 To Provide Firefighting to staff and students
2	Crystalcare Hospital, Asangaon, Tal. Shahapur, Dist. Thane, Maharashtra.	30/11/2022	1)Health checkup Camp. 2)Hospital Management: 3)Expert Lectures and Faculty exchange 4)Skill Development Programs Utilization of Facilities
3	Mr.Kshirsagar D.C Gaurishankar Institute Of pharmaceutical Education and research centre , Satara	09/07/2022	Arranged Expert Lecture on Pharmacokinetics Model
4	Dr.Thorat M.B Gaurishankar Institute Of pharmaceutical Education and research centre , Satara	13/08/2022	Arranged Expert Lecture on Urinary System
5	Mr.Rohit Narayan Patil Shri.Gulabrao Deokar College of Pharmacy, Jalgaon	10/09/2022	Arranged Expert Lecture on Nutritional Medium
6	Mr.Kalpesh Vijay Sonar Shri.Gulabrao Deokar College of Pharmacy, Jalgaon	10/09/2022	Arranged Expert Lecture on Currents trends in UPLC
7	Mr.Zores.s Gaurishankar Institute Of pharmaceutical Education and research centre , Satara	12/11/2022	Arranged Expert Lecture on Size Reduction
8	Mr.TembareRohan.P Gaurishankar Institute Of pharmaceutical Education and research centre , Satara	10/12/2022	Arranged Expert Lecture on Antibiotics drug
9	Dr.sunit a gagare Shri. D.D. Vispute college of Pharmacy and Research Centre, Navi Mumbai	21/01/2023	Arranged Expert Lecture on Computational chemistry
10	Dr.Bhushan Rane Shri. D.D. Vispute college of Pharmacy and Research Centre, Navi Mumbai	21/01/2023	Arranged Expert Lecture on Drug delivery system
11	Prof.sushma Patil Shri. D.D. Vispute college of Pharmacy and Research Centre, Navi Mumbai	11/03/2023	Arranged Expert Lecture on Advances of pharmacology

Sr.no	Name and Activity conducted in CAYm2	Date of conduction	Activity
1	Mr.AtulAnandraoPatil Shri.Gulabrao Deokar College of	04/12/2021	Analytical Method Development

	Pharmacy, Jalgaon		
2	Dr.KiranDongarPatil Shri.Gulabrao Deokar College of Pharmacy, Jalgaon	20/03/2021	Clinical Trails
3	Dr.Pawar.B.R Gaurishankar Institute Of pharmaceutical Education and research centre , Satara	25/02/2022	Introduction of Antibiotics
4	Gaurishankar Institute Of pharmaceutical Education and research centre , Satara	05/03/2022	Antidiabetics Drug
5	Prof.Gautam s.Palsikar Navsahyadri institute of pharmacy, Pune	20/05/2022	Isolation, identification and analysis of Phytoconstituents
6	Mr.RohitRavindraSawant Shri.Gulabrao Deokar College of Pharmacy, Jalgaon	18/03/2023	Traditional System of Medicine
7	Mr.AtulAnandraoPatil Shri.Gulabrao Deokar College of Pharmacy, Jalgaon	04/12/2021	Analytical Method Development

The institute prioritizes experiential learning through educational tours, particularly industry visits that provide students with firsthand exposure to real-world applications of their studies. These tours encompass visits to diverse settings such as research laboratories, industries, and pharmaceutical manufacturing units, including those specializing in Ayurvedic products. By collaborating with various industries and hospitals, students gain invaluable insights into the practical aspects of their field and witness how theoretical knowledge translates into tangible outcomes. (Note due to Covid -19 Pandemic we are not able to conduct activities for AY 21-22.)

2.5 INITIATIVES RELATED TO SKILL DEVELOPMENT PROGRAMS / INDUSTRY INTERNSHIP / TRAINING / HOSPITAL PHARMACY (10)

(Mention the initiatives, implementation details and impact analysis)

College has organized various Add on Courses for skill development in collaboration Opex and CiREE with Every student is required to undergo a 300 hour training program under a registered pharmacist, spanning three months. Upon completion, students are tasked with submitting a comprehensive report detailing their experiences, with the institute retaining a duplicate copy of the training certificate. To further gauge the effectiveness of the training, individual interactive sessions are conducted with the training cell, where students discuss their observations and experiences. Evaluation is based on these interactions and the submitted reports, allowing students to develop the skills necessary for operating a drug store in compliance with the Drug and Cosmetic Act of 1940. This practical training instills confidence and provides invaluable real-world knowledge, aiding in students' future career placements. To assess students post-training, a written exam consisting of five questions sets (A, B, C, D, and E) is administered. This evaluation method ensures a comprehensive understanding of the training outcomes. Moreover, the institute has established an Entrepreneurship Development Cell aimed at fostering entrepreneurial spirit among students. The cell organizes guest lectures featuring successful entrepreneurs and alumni, who share insights on various topics including skill development and

accessing financial resources. This initiative encourages students to explore entrepreneurship as a viable career path.

Name - Aarti Rajesh Kshirsagar Roll no. - 34

VIGNANBHARATI TRUST'S
SHIVAJIRAO S. JONDHLE COLLEGE OF PHARMACY, ASANGAON.
 TAL. - SHAHAPUR, DIST. - THANE (M.S.) - 421 601
 Approved by AICTE, New Delhi, Recog. by Govt. of Maharashtra & PCI - New Delhi
 Affiliated to University of Mumbai
 02527-272399 | Mob: 8788931637/9594662018 | shjcop3341@gmail.com

Pharmacist evaluation Test (Set-D)

1) Enlist 5 drugs coming under schedule CI

Trade name	Context
1. <u>Lanoxin</u>	<u>Digoxine</u>
2. <u>Addark®</u>	<u>Adrenaline</u>
3. <u>Azim-100, Azithromab</u>	<u>Azithromycin</u>
4. <u>Barbotone</u>	<u>Barbiturate</u>
5. <u>Neurmbion forte</u>	<u>Vitamin B complex</u>

2) Give 1 Important Direction for following dosage form

1 Antibiotics: Take the medication before or after the food as directed by physician

2 Antacid Preparation Take Antacid preparation after the 1 hr after eating and while heartburn

3 Suspension / Emulsion: Take suspension as on ^{Proper} quantity by ~~sk~~ before shaking well.

4 Creams / Ointments Apply creams / ointment in sufficient quantity and affected area only.

5 Liniments Apply liniments before by clean & wash hand and ~~massage~~ on it body.

3) Specify Storage Condition for

1 Veterinary Medicines store in cool & dry places. ~~keep away from~~ sunlight.

2 Schedule X store in ^{room temperature &} closed container with well manner & keep away from direct sunlight.

Fig 2.5.1 Example of Practical Training evaluation form

In addition to these activities, the department regularly organizes guest lectures and workshops as part of its skill development program for both students and staff. These programs, conducted over the past three years, aim to enhance participants' skill sets and promote continuous learning and professional growth within the institution.

Table no 2.5.1 List of Hospital Visit, Guest Lectures, Industry Visit conducted

List of activities for AY21-22			
Sr .no	Hospital name	Date	Topic
1	Rukmini Hospital 04/03/2022	04/03/2022	-----
Sr .no	Guest lecture	Date	-----
1	Mr.AtulAnandraoPatil Shri.Gulabrao Deokar College of Pharmacy, Jalgaon	04/12/2021	Analytical Method Development
2	Dr.KiranDongarPatil Shri.Gulabrao Deokar College of Pharmacy, Jalgaon	20/03/2021	Clinical Trails
3	Dr.Pawar.B.R Gaurishankar Institute Of pharmaceutical Education and research centre , Satara	25/02/2022	Introduction of Antibiotics
4	Mr. Manisha Chaudhari. Head of Department of Kokan Gyanpit Rahul Dharkar College of Pharmacy	02/03/2022	Pharmaceutical Chemistry Aspects Education Regulation 1991 and 2020
5	Mr.Shyam Narayan Koli Founder of QSL,Mumbai Qualified Pharmacist and MBA from Mumbai Iniversity	03/03/2022	Opportunity Pharma Sector And Startup Chalanges
6	Gaurishankar Institute Of pharmaceutical Education and research centre , Satara	05/03/2022	Antidiabetics Drug
7	Mr. Rohan Pawar Director of RAP Analytical Research And Training Centre	17/03/2022	Quality control and Assurance
8	Mr. Sagar Baviskar Project Data Manager At Cognizant	19/03/2022	Novel Drug Delivery System
9	Prof.Gautam s.Palsikar Navsahyadri institute of pharmacy, Pune	20/05/2022	Isolation, identification and analysis of Phytoconstituents
10	Mr.RohitRavindraSawant Shri.Gulabrao Deokar College of Pharmacy, Jalgaon	18/03/2023	Traditional System of Medicine

List of activities for AY22-23			
Sr .no	Hospital name	Date	-----
1	Crystalcare Hospital Shahapur Dist thane	30/11/2022	----
2	Rukhmini Hospital Shahapur Dist thane	07/12/2022	----
Sr .no	Guest lecture	Date	Topic
1	Mr.Kshirsagar D.C Gaurishankar Institute Of pharmaceutical Education and research centre , Satara	09/07/2022	Pharmakokinetics Model
2	Dr.Thorat M.B Gaurishankar Institute Of pharmaceutical Education and research centre , Satara	13/08/2022	Urinary System
3	Mr. Ranjit Sing Fonder of Lets Create Mumbai	22/08/22	How to developed self confidence
5	Mr.Rohit Narayan Patil Shri.Gulabrao Deokar College of Pharmacy, Jalgaon	10/09/2022	Nutritional Medium
6	Mr.Kalpesh Vijay Sonar Shri.Gulabrao Deokar College of Pharmacy, Jalgaon	10/09/2022	Currents trends in UPLC
7	Mr.Zores.s Gaurishankar Institute Of pharmaceutical Education and research centre , Satara	12/11/2022	Size Reduction
8	Mr.TembareRohan.P Gaurishankar Institute Of pharmaceutical Education and research centre , Satara	10/12/2022	Antibiotics drug
9	Dr.sunit a gagare Shri. D.D. Vispute college of Pharmacy and Research Centre, Navi Mumbai	21/01/2023	Computational chemistry
10	Dr.Bhushan Rane Shri. D.D. Vispute college of Pharmacy and Research Centre, Navi Mumbai	21/01/2023	Drug delivery syatem
11	Mr.Sumit Pawar CEO and Founder Qkint Foundation	22/02/23	Gender Sensitization
12	Ms. Apurava Paithane Reserch Coordinator Qkint Foundation	22/02/23	Gender Sensitization

13	Ms Prajakta Shinde	22/02/2023	Towards Professionalism Transformation from college life to Professional lif
14	Prof.sushma Patil Shri. D.D. Vispute college of Pharmacy and Research Centre, Navi Mumbai	11/03/2023	Advances of pharmacology
15	Mr Makarand R Patil Area Seles Manager Zydu Healthcare ltd Pune Headquarter	31/03/23	Current Pharmaceutic al Market Scenario
Sr .no	Industry visit	Date	-----
1	Phaex Pharma Plot no .N- 3/W44/B,M.I.D.C, Shirgaon , Badlapur(E)- 421503 Dist –Thane. Maharashtra india	29/10/22	-----
2	Trivikram Product Harbal raw material supplier and Manfucature Vafegaon Tal Shahapur Dist Thane.	09/03/23	-----

List of activities for AY23-24

Sr .no	Hospital name	Date	-----
1	Crystal Hospital Shahapur Dist thane	01/09/2023	-----
2	Pranav Hospital Shahapur Dist thane	21/02/2024	-----
3	Life Line Hospital Shahapur Dist thane	21/02/2024	-----
Sr .no	Guest lecture	Date	Topic
1	Mr. Ranjit Sing Fonder of Lets Create Mumbai	31/10/23	Reinvent Yourself
2	Mr Sachin Combhoje Opex India	02/11/2023	Add on Courses
3	Mr Amol Lende sir Company: Iqvia RDS Pvt Ltd Position: Operation Specialist	14/12/20 23	Sub- Need of Pharmacovigil ence
4	Prof. Pavan Patil Sir Professor of Mathematics and Reasoning Owner of BASIC 2 BUILDING ACADEMY. (YOU TUBE Silver button)	30/12/20 23	Towards Sucess (Inch By Inch)
5	Mr Amar P Patil MPharm Pharmacology Shivaji college pharmacy Gadinglanj	24/02/2024	Insight of medical coding and job opportunity
6	Mr Prasad Lomate Manger of kloudscript	02/03/2024	Resume writing ,soft skills development, job opportunity in US
Sr .no	Industry visit	Date	-----

1	Ayushri Pharmaceuticals Pvt Ltd Sonale, Bhiwandi, Thane	30/11/23	----
2	SUN Pharma Pipariya Silvasa	17/02/2024	----
3	UNO FORMULATION velugum Dadra Nagar Haveli. 16/02/2024	16/02/2024	----

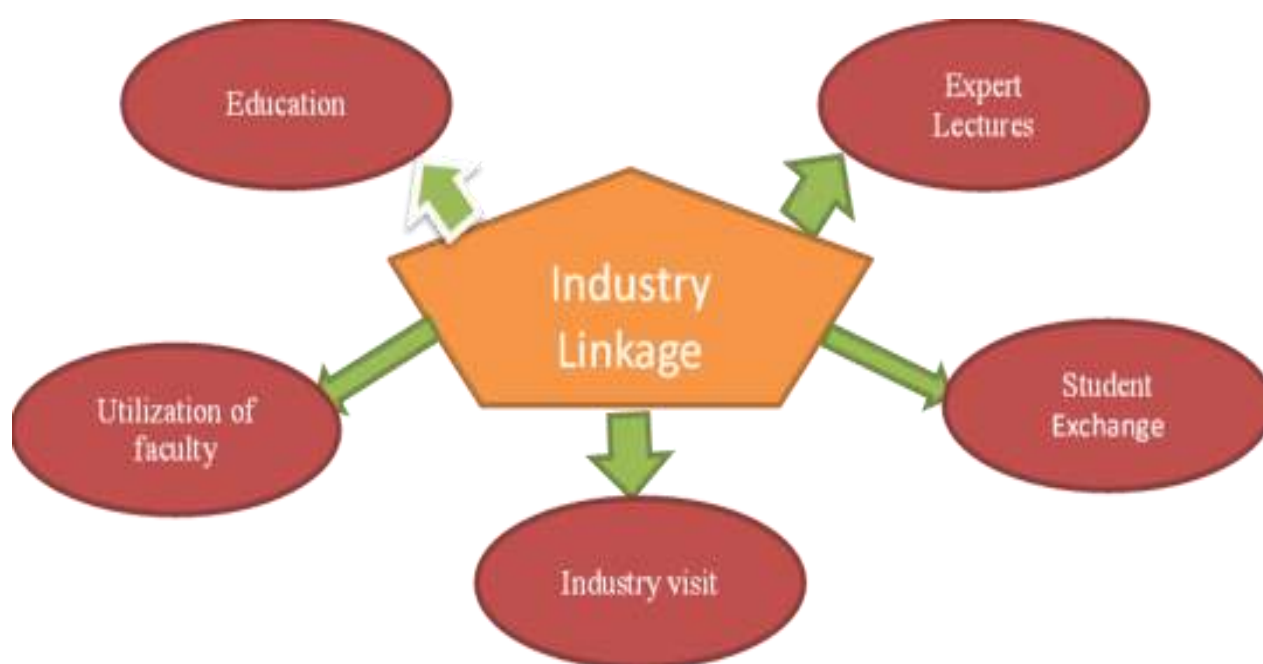


Figure 2.5 Industry/ institute/hospital Linkages

Table 2.5.2 List of Guest Lectures conducted under MOU with institution

Sr.No	Institute	Topic	Date	Resource person
1	Gaurishankar Institute Of pharmaceutical Education and research centre , Satara	1. Introduction of Antibiotics	25/02/2022	Dr.Pawar.B.R
		2. Antidiabetics Drug	05/03/2022	Dr.S. N. Belhekar
		3. Pharmacokinetics Model	09/07/2022	Mr.Kshirsagar D.C
		4. Urinary System	13/08/2022	Dr.Thorat M.B
		5. Size Reduction	12/11/2022	Mr.Zores.s
		6. Antibiotics drug	10/12/2022	Mr.TembareRohan.P
2	Shri.Gulabrao Deokar College of Pharmacy, Jalgaon	7. Clinical Trails	20/03/2021	Dr.KiranDongarPatil
		8. Analytical Method Development	04/12/2021	Mr.AtulAnandraoPatil
		9. Traditional System of Medicine	18/03/2023	Mr.RohitRavindraSawant
		10. Chronopharmacology of drug	16/07/2022	Mr.KundanGanpat Ingle
		11. Nutritional Medium	10/09/2022	Mr.Rohit Narayan Patil
		12. Currents trends in UPLC	10/09/2022	Mr.Kalpesh Vijay Sonar
3	Shri. D.D. Vispute college of Pharmacy and Research Centre, Navi Mumbai	13. Drug delivery system	16/04/2022	Dr.Bhushan Rane
		14. Standardization of herbal and cosmetics	17/09/2022	Dr.Reshma Jadhav
		15. Computational chemistry	21/01/2023	Dr.sunit a gagare
		16. Advances of pharmacology	11/03/2023	Prof.sushma Patil
4	Navsahyadri institute of pharmacy, Pune	17. Isolation, identification and analysis of Phytoconstituents	20/05/2022	Prof.Gautam s.Palsikar

Self-Assessment table for Criterion 2 :

Sr.	Assessment Parameters	Marks	
		Prescribed	Obtained
2.1	Delivery of syllabus contents and compliance of the curriculum	05	05
2.2	Adherence to Academic Calendar	10	10
2.3	Initiatives in teaching and learning process	15	13
2.4	Initiatives related to hospital and other related interactions	10	10
2.5	Initiatives related to skill Development Programs / Industry Internship / Training / Hospital Pharmacy	10	8
Total		50	45

