

# Award Category – Teaching & Learning(to be filled by Teachers)

Award for – Teachers only

Duly completed form to be submitted by August 15, 2022. Pls read terms and conditions on [www.bharatshikshaawards.com](http://www.bharatshikshaawards.com) before submitting your response.

Email \*

amnil2724@gmail.com

Email id \*

amnil2724@gmail.com

Name of the teacher, age, institution name, course name \*

Mrs.Amruta Nilesh Patil,33, PSGVP M's College of Pharmacy Shahada, B. Pharmacy

How much of the syllabus was covered in the class? \*

- 4 – 85 to 100%
- 3 – 70 to 84%
- 2 – 55 to 69%
- 1 – 30 to 54%
- 0 – Below 30%

Whether you have identified slow learners and fast learners and explain the process you have used to identify the slow and fast learners (including during COVID period)? \*

- 4 – Regularly
- 3 – Usually
- 2 – Sometimes / Occasionally
- 1 - Rarely
- 0 – Not at all

Do you inform students about their competencies, course outcomes and programme outcomes? \*

- 4 – Every time
- 3 – Usually
- 2– Occasionally/Sometimes
- 1 – Rarely
- 0– Never

The institution provides multiple opportunities to learn and grow. \*

- 4 – Strongly agree
- 3 – Agree
- 2 – Neutral
- 1 – Disagree
- 0– Strongly disagree

The teaching and mentoring process in your institution facilitates you in cognitive, social and emotional growth. \*

- 4 – Significantly
- 3 – Very well
- 2 – Moderately
- 1 – Marginally
- 0– Not at all

You identify strengths of your students and encourage them by providing right level of challenges. \*

- 4 – Fully
- 3 – Reasonably
- 2 – Partially
- 1 – Slightly
- 0 – Unable to

You are able to identify weaknesses of your students and help them overcome their weaknesses. \*

- 4 – Every time
- 3 – Usually
- 2 – Occasionally/Sometimes
- 1 – Rarely
- 0 – Never

What are the Program Outcomes for the courses you taught and action taken after that? \*

PO-1- Pharmacy Knowledge-Graduates will assimilate knowledge of Physics, Chemistry, Biology, Pharmaceutical science and Life Sciences.

PO-2- Planning Abilities-Graduates will use research based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions.

PO-3- Problem Analysis-Graduates will identify, formulate, research literature and analyses complex pharmaceutical problems reaching substantiated conclusions using basic principles of sciences and pharmaceutical sciences.

PO-4- Modern Tool Usage-Graduate will learn to Create, select and apply appropriate techniques, resources, and modern Pharmaceutical engineering tools including prediction and modeling to complex pharmacy activities with an understanding of the limitations.

PO-4 Modern Tool Usage- Graduate will learn to Create, select and apply appropriate techniques, resources, and modern Pharmaceutical engineering tools including prediction and modeling to complex pharmacy activities with an understanding of the limitations.

PO-5 Leadership Skill- Graduate will able to function effectively as an individual and as a member of team or leader in diverse teams, and in multidisciplinary activities.

PO-6 Professional Identity-The graduates will be focused on developing there carrier, as well as they know or cam do and acquire authentic learning experience through practice exposure and interactions with pharmacist role model.

PO-7 Communication-Graduate will learn to Communicate effectively on complex pharmacy activities with the respective pharmaceutical field community and with society at large. Some of them are being able to comprehend and write effective reports and design documentations, make effective presentations, and give and receive clear instructions.

PO-8 Social Activities -Graduate will prepared to deal with patients behavior and psychology, thus for this they will be socially active, participates in social activity, motivates and make effective relations with public domain.


PO-9 Lifelong Learning-Graduate will recognize need for and have the preparation and ability to engage in independent and lifelong learning in wider context of growing research and technological change.

PO-10 Pharmaceutical Ethics-Graduates will learn ethical principles that commits to professional ethics, responsibilities and norms of the pharmacy practice.

Pls share what Innovation techniques have you implemented in your Teaching methods to make \* your teaching effective during COVID. Pls upload valid documents to justify your claim.

 Online Lecture d...

Pls add your updated resume highlighting work done in the last academic session. \*

 Amruta biodata ...

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<b>Name</b>	: <b>Mrs. Amruta Nilesh Patil</b>
<b>Designation</b>	: Assistant Professor
<b>Qualification</b>	: M. Pharmacy
<b>Department</b>	: <b>Pharmaceutical Chemistry</b>
<b>Specialization</b>	: Quality assurance
<b>Academic Profile</b>	<p><b>M. Pharm.:</b> Passed with first class from P.S.G.V.P.Mandal's college of Pharmacy Shahada. Dist.-Nandurbar affiliated to North Maharashtra University Jalgoan.</p> <p><b>B. Pharm.:</b> Passed with first class from A.R.A college of Pharmacy Dhule affiliated to North Maharashtra University Jalgoan.</p>
<b>Working Experience</b>	Working as Assistant Professor in P.S.G.V.P.M's College of Pharmacy, Shahada, from march 2016 to till date.
<b>Research activities</b>	<p><b>M. Pharm. Research :</b> Formulation and evaluation of Deferasirox orodispersible tablets.</p> <p><b>Under Guidance</b> : Dr.J.K.Patil (Associate Professor) P.S.G.V.P.mandal's College of Pharmacy, Shahada.</p>
<b>Books/ Book Chapters Published</b>	<ol style="list-style-type: none"> <li>1. "A Review on Combinatorial Chemistry" in the book <b>Surface Chemistry</b>, Kripa Drishti Publications., ISBN 978-93-90847-14-3., May 2021.</li> <li>2. "Immunity Booster on COVID-19" in the book <b>Clinical synopsis of COVID-19</b>, Kripa Drishti Publications., ISBN 978-93-90847-14-3., July 2021.</li> <li>3. "A Review on Women and Education" in the book <b>Women in Today's World</b>, Shriyanshi Prakashan., ISBN 978-93-81247-98-3., Oct. 2021.</li> </ol>
<b>Research publication</b>	<p><b>National &amp; International :</b></p> <ul style="list-style-type: none"> <li>➤ Formulation and revaluation of Deferasirox orodispersible tablets ,<b>International journal of Pharmaceutical &amp; Biological Arctive</b>, 2013; 4(2):391-394.</li> <li>➤ Research: chocolate formulation as drug delivery system for pediatrics, <b>Indian journal of drugs</b> 2019:133-139.</li> <li>➤ Formulation and Evaluation of medicatedcandy containing albendazole for pediatrics, <b>Indian Journal of Drugs</b>, 2019: 73 – 80.</li> <li>➤ Formulation and Evaluation of dragon fruit facial cream, <b>European journal of biomedical &amp; pharmaceutical science</b>,2020: 226 To 23</li> </ul>



**Review publication****National & International :**

- A Review orally disintegrating tablet: recent advancement in formulation and new market opportunities, **Pharma science monitor**, 2012;3(4): 3212-3231.
- Review: chocolate formulation as drug delivery system, **Indian Journal of Drugs**, 2018, 6(2), 136-141.
- "A REVIEW ON MOUTH DISSOLVING FILM" **European journal of pharmaceutical and medical research**, 2021, 8(8), 169-174.
- Review on Nanomedicines: A smarter approach, World Journal of Pharmacy And Pharmaceutical Sciences,2022,11(7).

**No. of Poster Presentations****: 3****Conferences / Seminars / Symposia / Workshops Attended**

- ❖ National seminar on "**Nanotechnology revolution in the field of controlled and targeted drug delivery system**" Sponsored by APTI (MS) conducted at P.S.G.V.P.M's college of pharmacy Shahada in Sep-2009.
- ❖ National seminar on "**Recent advance polymer science**" Sponsored by AUPP conducted at P.S.G.V.P.mandal's college of pharmacy Shahada in Jan 2012.
- ❖ National seminar on "**Recent advances in novel drug carrier system**" sponsored by NMU conducted at P.S.G.V.P.M's college of Pharmacy Shahada in Oct.2016.
- ❖ National seminar on "**Current scenario in clinical pharmacology**" sponsored by NMU conducted at P.S.G.V.P.M's college of Pharmacy Shahada in Oct.2017.
- ❖ Workshop on "**Capacity building: new mantra for higher education**" sponsored by NMU conducted at PSGVPM'S College shahada in Oct.2018.
- ❖ National seminar on "**Nutraceuticals: A new era of medicines**" sponsored by NMU conducted at P.S.G.V.P.M's college of pharmacy Shahada in Oct.2018.
- ❖ Maharashtra yatra 2018 - **Startup India** sponsored by Maharashtra government at Nagpur in Nov.2018.
- ❖ National conference on "**Recent trends in novel methods in synthetic chemistry**" sponsored by NMU conducted at PSGVPM'S College shahada in Oct.2019.
- ❖ National seminar on "**Radiopharmaceutical enhancement by drug delivery system**" sponsored by NMU conducted at ARA College of pharmacy nagoan, dhule in jan. 2019.
- ❖ Symposium – **Avishkar** sponsored by NMU conducted at NMU jalgoan in jan.2020.
- ❖ National conference on "**Advances in herbal drug formulation with**

**industrial perspective”** sponsored by NMU conducted at ARA College of pharmacy nagaon, dhule in feb.2020.

- ♦ National conference on “**Computer based pharmacognosy: A new scenario in developing advance phytotherapeutic application**” sponsored by AICTE conducted at Smt. sharadchandrika suresh patil college of pharmacy Chopda in feb.2020.
- ♦ International level conference on “ **Codiv-19 Pandemic Awareness & Boosting Immunity by Nutraceuticals**” sponsored by Fohoway India Pvt.Ltd conducted at Jamia College of Pharmacy, Akkalkuva in April 2020.
- ♦ One-Week National Level e-Faculty Development Programme on “**Redefining the Role of Educator in Covid-19 Outbreak Era**” Jointly organized by Gujarat Technological University, Ahmedabad and Anand Pharmacy college, Anand, Gujarat in May 2020.
- ♦ Three Days Online National Conference on “**Accustoming Pharmaceutical Professionals with Upcoming Future Challenges**” organized by GURUNANAK COLLEGE OF PHARMACY Nari, Kamptee Road, Nagpur in May 2020.
- ♦ One Day Online National Workshop on “**Role of IQAC in Assessment and Accreditation Process**” organized by Internal Quality Assurance Cell of PSGVP Mandal's SIP Arts, GBP Science and STKVS Commerce College, Shahada, Dist - Nandurbar (M.S.) in collaboration with State Project Directorate, RUSA, Maharashtra and Joint Director, Higher Education, Jalgaon Region in May 2020.
- ♦ National Webinar “**Exam from Home & Evaluation from Home in the wake of COVID-19**” organized by Jai Hind Educational Trust’s Zulal Bhilajirao Patil College, Dhule in May 2020.
- ♦ International Pharma webinar on “**siRNA therapeutic potentials and prospects in tackling virus-mediated diseases**” organized by MNR College of Pharmacy on June 2020.
- ♦ Three days online webinar “**bridging the gap between academic research & industry commercialized outcomes**” organized by Bombay college of pharmacy in June 2020
- ♦ International Conference on **Management of Covid-19** organized by Ali Allana College of Pharmacy, Akkalkuwa June 2020.
- ♦ NATIONAL WEBINAR on “**Features of ChemDraw and Greener Aspects of Drug Discovery**” organized by GE Society’s RNC Arts, JDB Commerce and NSC Science College, Nashik Road, Nashik, in collaboration with Association of Chemistry Teachers (ACT) (C/o Homi Bhabha Centre for Science Education (TIFR), Mumbai and Perkin Elmer Informatics through SCUBE Scientific Software Solutions Pvt Ltd., New Delhi in July 2020.
- ♦ NATIONAL WEBINAR on “**vocal for local transforming challenges into opportunities**” organized by guru gobind singh college of pharmacy on july 2020.

- ❖ Webinar on **“Importance of Regulatory and Corporate Affairs and their Pharmaceutical Perspectives”** organised by Chebrolu Hanumaiah Institute of Pharmaceutical Sciences, Guntur in July 2020.
- ❖ One week pharma graduates development programme on **“career opportunities for pharma graduates”** organised by MNR College of Pharmacy, Sangareddy august 2020
- ❖ Faculty Development Programme on the topic **“Emotional Intelligence of Teachers and Effective Classroom Management”** organised by Rajmata Jijau Shikshan Prasarak Mandal's College/ Institute of Pharmacy Moshi-Alandi Road, Dudulgaon, Pune in March 2021.
- ❖ International Webinar on **“New Trends & Effective Strategies in Natural Medicine”** organized by Genba Sopanrao Moze College of Pharmacy, Wagholi, Pune in March 2021.
- ❖ One Day Virtual Conference on **“RECENT ADVANCES IN PHARMACOLOGICAL RESEARCH”** organised by Vidya bharti College of Pharmacy, Amravati in April 2021.
- ❖ AICTE, New Delhi sponsored One-Week Online STTP **“Scientific Research Paper, Patents and Research Proposal Writing for Grants and an Ethics”** organized by R. C. Patel Institute of Pharmaceutical Education and Research, Shirpur in April 2021.
- ❖ NATIONAL WEBINAR on **“how to possess confidence in your communication”** organized by MNR College of Pharmacy, Sangareddy in April 2021.
- ❖ International webinar on **“OVERVIEW OF PHARMACOVIGILANCE”** organized by J.E.S's College of Pharmacy, Nandurbar in June 2021.
- ❖ AICTE sponsored One week Online Short Term Training Program (STTP) on **“Developing Excellence in Research & Academic Leadership”** Opportunities and Challenges organized by MMCOP, Pune in June 2021.
- ❖ AICTE sponsored One week Online Short Term Training Program (STTP) **“Educational program for pharmacy teacher on orientation of recently admitted students”** organized by Rajarshi Shahu College of Pharmacy, Buldana in July 2021.
- ❖ AICTE Training And Learning (ATAL) Academy Online Elementary FDP on **“QUALITY ATTRIBUTES FOR THE STRATEGIC IMPROVEMENT OF FACULTY PRODUCTIVITY”** organized by SRI VENKATESWARA COLLEGE OF PHARMACY in August 2021.
- ❖ Five days faculty development program on **“Capacity building program on teaching, learning and research”** organized by guru gobind singh college of pharmacy Yamuna nagar & ASBASJSM College of pharmacy, bela,ropar,Punjab in August 2021.
- ❖ **‘VIRTUAL INTERNATIONAL CONFERENCE ON**

## program Organized

**MULTIFUNCTIONAL ADVANCED MATERIALS (VICMAM-2021)**' organized by Department of Chemistry, JVM's Degree College in collaboration with Association of Chemistry Teachers (ACT) on 9th and 10th August, 2021.

- ❖ AICTE Training And Learning (ATAL) Academy Online Elementary FDP on "**Pharmaceutical Quality System for Product Life Cycle Management**" at Bharati Vidyapeeth College of Pharmacy. from 27/09/2021 to 01/10/2021.
- ❖ AICTE Training And Learning (ATAL) Academy Online Elementary FDP on "**Stress Management: A Key for Personal & Professional Excellence**" at Progressive Education Society's Modern College of Pharmacy, Sector 21, Yamunanagar, Nigdi, Pune 411044. From 18/10/2021 to 22/10/2021.
- ❖ AICTE Training And Learning (ATAL) Academy Online Elementary FDP on "**RECENT TRENDS, ADVANCEMENTS AND OPPORTUNITIES IN PHYTOCHEMICAL RESEARCH AND DEVELOPMENT**" at Dr. D.Y.Patil Institute of Pharmaceutical Sciences and Research from 06/12/2021 to 10/12/2021.
- ❖ One day national workshop on "**Institutional Quality enhancement**" organized by IQAC of MD College in Collaboration with IQAC cluster in Dec.2021.
- ❖ One day "**National Intellectual Property Awareness Mission**" organized by **Intellectual Property Office, India** on 22 June 2022.

1. One day Poster Presentation Competition on "**AIDS: Prevention, Control & Management**" Sponsored by MSACS, Red Ribbon Club and conducted at P.S.G.V.P.M's college of pharmacy, Shahada as a co-ordinator on 6<sup>th</sup> Feb. 2020. (**Grant of Rs. 4,000 /- received**).
2. Organized **Online Elocution Competition** conducted at P.S.G.V.P.M's college of pharmacy, Shahada as a co-coordinator on 6<sup>th</sup> Oct. 2020.
3. 8 day workshop on "**Self Defence for girls**" Sponsored by SDS, NMU Jalgaon and conducted at P.S.G.V.P.M's college of pharmacy, Shahada as a co-ordinator and Assist.SDO on 15-22 Feb.2022. (**Grant of Rs. 15,000 /- received**).
4. Organized "**Shiv Swarajya Din**" conducted at P.S.G.V.P.M's college of pharmacy, Shahada as a co-coordinator on 6<sup>th</sup> June. 2022.
5. Organized "**International Yoga Day**" conducted at P.S.G.V.P.M's college of pharmacy, Shahada as a co-coordinator on 21/06/2022.

**Resource Person/  
Programme officer/  
Student welfare officer/  
University**

❖ **Student welfare officer of P.S.G.V.P.M's college of pharmacy**

**representative / Guest  
lecture**

**Shahada.(2020-2023)**

**Work as team leader**

- ❖ Team leader in "**Stat Up India**", Nagpur on dated 1-4/11/2018.
- ❖ Team leader in "**District level AVISHKAR**", Jalgoan on dated 8-9/01/2020.
- ❖ Team leader in "**medical camp (Cancer diagnostic camp) for women**", Shahada on dated 9-10/10/2021.

**Personal Profile**

**Address.** : 6, Parimal colony ,B/H Vishnu nagar, near press  
maruti road, Shahada, Tal- Shahada,  
District: Nandurbar, Pin.No.: 425409,Maharashtra, (India).

**DOB** : 24 October 1988

**Contact No.:** 7387766736

**Email ID** : amnil2724@gmail.com

# PSGVP Mandal's College of Pharmacy, Shahada.

## Details of Lecture Conducted during Lockdown & Pandemic of COVID-19.

Name of Faculty: Mrs. Amruta Nilesh Patil

Subject Name / Subject Code: pharmaceutical organic chemistry-II(BP301T)

Class/sem:S.Y.B Pharmacy (III sem)

Sr.No	Date	Topic	Link
1.	6/7/2020	Introduction of syllabus & unit I benzene introduction	<a href="https://youtu.be/S38kojtR3dM">https://youtu.be/S38kojtR3dM</a>
2.	7/7/2020	Analytical, synthetic and other evidence in the derivation of structure of benzene Orbital picture, resonance in benzene	<a href="https://youtu.be/KRh4kIY3nnM">https://youtu.be/KRh4kIY3nnM</a>
3.	8/7/2020	aromatic characters, Huckel's rule	<a href="https://youtu.be/s24VO1-xNzQ">https://youtu.be/s24VO1-xNzQ</a>
4.	9/7/2020	Reactions of benzene - nitration, sulphonation, halogenation reaction,	<a href="https://youtu.be/83J4mrEBg74">https://youtu.be/83J4mrEBg74</a>
5.	13/7/2020	Friedel crafts alkylation reactivity, limitations, Friedel crafts acylation. Substituents, effect of substituents on reactivity	<a href="https://youtu.be/C-dTPmq9m9I">https://youtu.be/C-dTPmq9m9I</a>
6.	14/7/2020	orientation of mono substituted benzene compounds towards electrophilic substitution reaction	<a href="https://youtu.be/Y2AX4jbskVw">https://youtu.be/Y2AX4jbskVw</a>
7.	15/7/2020	Structure uses of DDT, Saccharin BHC and Chloramine	<a href="https://youtu.be/2X5MKa5n7lg">https://youtu.be/2X5MKa5n7lg</a>
8.	16/7/2020	Introduction of Phenols, classification of phenol & Acidity of phenols	<a href="https://youtu.be/XeDuZ5hf6ds">https://youtu.be/XeDuZ5hf6ds</a>
9.	20/7/2020	effect of substituents on acidity, method of preparation of phenol	<a href="https://youtu.be/b04seSg9uYo">https://youtu.be/b04seSg9uYo</a>
10.	21/7/2020	method of preparation of phenol	<a href="https://youtu.be/dYgmT2W4wpA">https://youtu.be/dYgmT2W4wpA</a>
11.	22/7/2020	Reaction of phenols	<a href="https://youtu.be/5fdcuk_8IVQ">https://youtu.be/5fdcuk_8IVQ</a>
12.	23/7/2020	Reaction of phenols	<a href="https://youtu.be/fh4wrnnx5Eo">https://youtu.be/fh4wrnnx5Eo</a>
13.	27/7/2020	Reaction of phenols	<a href="https://youtu.be/Dg2B7_EDGdQ">https://youtu.be/Dg2B7_EDGdQ</a>
14.	28/7/2020	qualitative tests, Structure and	<a href="https://youtu.be/GSktApaOzUc">https://youtu.be/GSktApaOzUc</a>

**PSGVP Mandal's College of Pharmacy, Shahada.**  
**Details of Lecture Conducted during Lockdown & Pandemic of**  
**COVID-19.**

		uses of phenol, cresols, resorcinol, naphthols.	
15.	29/7/2020	Introduction of amines	<a href="https://youtu.be/z7PvkdLNbBs">https://youtu.be/z7PvkdLNbBs</a>
16.	30/7/2020	Method of preparation of amines	<a href="https://youtu.be/Oj14oqrC_gc">https://youtu.be/Oj14oqrC_gc</a>
17.	3/8/2020	Method of preparation of amines, basicity of amines	<a href="https://youtu.be/pINDxHRUrdg">https://youtu.be/pINDxHRUrdg</a>
18.	4/8/2020	effect of substituents on basicity	<a href="https://youtu.be/xLVCiUJF7AQ">https://youtu.be/xLVCiUJF7AQ</a>
19.	5/8/2020	Reaction of amines	<a href="https://youtu.be/ZbJ2ABeQeAA">https://youtu.be/ZbJ2ABeQeAA</a>
20.	6/8/2020	Reaction of amines	<a href="https://youtu.be/KUfoY-AWsmU">https://youtu.be/KUfoY-AWsmU</a>
21.	11/8/2020	Synthetic uses of aryl diazonium salts.	<a href="https://youtu.be/YNgbV5flHew">https://youtu.be/YNgbV5flHew</a>
22.	12/8/2020	Introduction of aromatic acids, MOP of aromatic acids	<a href="https://youtu.be/IemRvJDqU0Y">https://youtu.be/IemRvJDqU0Y</a>
23.	13/8/2020	MOP of aromatic acids, acidity of aromatic acids	<a href="https://youtu.be/DhiLoazE4aE">https://youtu.be/DhiLoazE4aE</a>
24.	17/8/2020	Acidity of aromatic acids	<a href="https://youtu.be/q8J1IMDnnKs">https://youtu.be/q8J1IMDnnKs</a>
25.	18/8/2020	effect of substituents on acidity	<a href="https://youtu.be/hB6bOkhUIKw">https://youtu.be/hB6bOkhUIKw</a>
26.	19/8/2020	effect of substituents on acidity	<a href="https://youtu.be/IJOH00Tq23E">https://youtu.be/IJOH00Tq23E</a>
27.	20/8/2020	Reaction of aromatic acids	<a href="https://youtu.be/9-6BOwv6qyo">https://youtu.be/9-6BOwv6qyo</a>
28.	24/8/2020	Reaction of aromatic acids	<a href="https://youtu.be/P1bG5H-bgmM">https://youtu.be/P1bG5H-bgmM</a>
29.	25/8/2020	Introduction of Fats and Oils	<a href="https://youtu.be/zTPHs2BFtbg">https://youtu.be/zTPHs2BFtbg</a>
30.	26/8/2020	Fatty acids- reactions. Hydrolysis,	<a href="https://youtu.be/-BvB5eqUybc">https://youtu.be/-BvB5eqUybc</a>
31.	27/8/2020	Hydrogenation, Saponification and	<a href="https://youtu.be/loAWLOdpSDw">https://youtu.be/loAWLOdpSDw</a>
32.	7/9/2020	Rancidity of oils	<a href="https://youtu.be/4kHsk3EblLw">https://youtu.be/4kHsk3EblLw</a>
33.	8/9/2020	Drying of oil	<a href="https://youtu.be/T2zwi9NFMiY">https://youtu.be/T2zwi9NFMiY</a>
34.	9/9/2020	Analytical constants – Acid value, Saponification value	<a href="https://youtu.be/X4rfRnfuFJQ">https://youtu.be/X4rfRnfuFJQ</a>

**PSGVP Mandal's College of Pharmacy, Shahada.**  
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35.	10/9/2020	Iodine value,	<a href="https://youtu.be/ZRfx_eURJQ">https://youtu.be/ZRfx_eURJQ</a>
36.	14/9/2020	Ester value, Acetyl value	<a href="https://youtu.be/cjNRi5cFyco">https://youtu.be/cjNRi5cFyco</a>
37.	15/9/2020	Reichert Meissl (RM) value	<a href="https://youtu.be/1yv_exblDjg">https://youtu.be/1yv_exblDjg</a>
38.	16/9/2020	Polynuclear hydrocarbons: Introduction ,Synthesis of Naphthalene	<a href="https://youtu.be/1W69FxxbDW4">https://youtu.be/1W69FxxbDW4</a>
39.	17/9/2020	reactions of Naphthalene	<a href="https://youtu.be/EXk7hPEnH_w">https://youtu.be/EXk7hPEnH_w</a>
40.	22/9/2020	reactions of Naphthalene, medicinal uses of Naphthalene	<a href="https://youtu.be/Wc-nntD4ji4">https://youtu.be/Wc-nntD4ji4</a>
41.	23/9/2020	Naphthol, Naphthoic acid	<a href="https://youtu.be/lltV5x3DaKs">https://youtu.be/lltV5x3DaKs</a>
42.	24/9/2020	Naphthoquinone, Synthesis of Anthracene	<a href="https://youtu.be/681PYRAmbEs">https://youtu.be/681PYRAmbEs</a>
43.	28/9/2020	reactions of Anthracene, Medicinal use of Anthracene	<a href="https://youtu.be/R7rsu5JE8Do">https://youtu.be/R7rsu5JE8Do</a>
44.	29/9/2020	anthrone, anthroquinone	<a href="https://youtu.be/jSvJLyBPnsk">https://youtu.be/jSvJLyBPnsk</a>
45.	30/9/2020	Synthesis & reaction Phenanthrene ,Phenanthroquinone	<a href="https://youtu.be/nUk47JsSAd8">https://youtu.be/nUk47JsSAd8</a>
46.	1/10/2020	medicinal use of Phenanthrene. Synthesis & reaction of Diphenylmethane	<a href="https://youtu.be/H_cEKi1i9P8">https://youtu.be/H_cEKi1i9P8</a>
47.	8/10/2020	medicinal uses of Diphenylmethane Synthesis & reaction of Triphenylmethane Repeat lecture of unit IV	<a href="https://youtu.be/V901JMzyFw0">https://youtu.be/V901JMzyFw0</a>
48.	12/10/2020	Repeat lecture of unit IV	<a href="https://youtu.be/9LYHg8PHypw">https://youtu.be/9LYHg8PHypw</a>
49.	13/10/2020	Repeat lecture of unit IV	<a href="https://youtu.be/UD8fs4NO5Y">https://youtu.be/UD8fs4NO5Y</a>
50.	14/10/2020	Repeat lecture of unit IV	<a href="https://youtu.be/p-gmlgesoJk">https://youtu.be/p-gmlgesoJk</a>
51.	15/10/2020	Repeat lecture of unit IV	<a href="https://youtu.be/7SWK2xE9SM">https://youtu.be/7SWK2xE9SM</a>
52.	19/10/2020	Introduction of cycloalkane and Synthesis of cycloalkane,	<a href="https://youtu.be/W18d_tQ_Cj4">https://youtu.be/W18d_tQ_Cj4</a>
53.	20/10/2020	Reaction of cycloalkane &	<a href="https://youtu.be/ztaqzKSwG-Q">https://youtu.be/ztaqzKSwG-Q</a>



**PSGVP Mandal's College of Pharmacy, Shahada.**  
**Details of Lecture Conducted during Lockdown & Pandemic of**  
**COVID-19.**

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		Stability of cycloalkane Baeyer's strain theory,	
<b>54.</b>	9/11/2020	Sachse-mohr theory(strainless ring theory)	<a href="https://youtu.be/cbZEq3lNls">https://youtu.be/cbZEq3lNls</a>

# PSGVP Mandal's College of Pharmacy, Shahada

Details of Lecture Conducted during Lockdown & Pandemic of COVID-19

Name of Faculty: Mrs. Amruta Nilesh Patil

Subject Name / Subject Code: PJ(BPT)

Class / Sem: T.Y.B Pharmacy (V<sup>th</sup> sem.)

Lecture No.	Topic Covered	Mode of Teaching	Date of Conduction
1	Introduction of syllabus & PCI Act 1948, introduction, objective, constitution of PCI	<a href="https://youtu.be/4QtOgMoL1yo">https://youtu.be/4QtOgMoL1yo</a>	26/6/2020
2	Education regulation, state pharmacy council	<a href="https://youtu.be/qByAkGANtrs">https://youtu.be/qByAkGANtrs</a>	27/6/2020
3	Join state pharmacy council, qualification for first registration	<a href="https://youtu.be/coiYNQT4F-g">https://youtu.be/coiYNQT4F-g</a>	3/7/2020
4	preparation of first register	<a href="https://youtu.be/oQqTomoPPfE">https://youtu.be/oQqTomoPPfE</a>	4/7/2020
5	Subsequent registers, offences & penalties	<a href="https://youtu.be/fOXrVH-ec84">https://youtu.be/fOXrVH-ec84</a>	10/7/2020
6	Narcotic and psychotropic sub. Act 1985, introduction & definition	<a href="https://youtu.be/8KXCRGrbJr4">https://youtu.be/8KXCRGrbJr4</a>	11/7/2020
7	Objective, authorities and officers	<a href="https://youtu.be/4_lwS8m-uWw">https://youtu.be/4_lwS8m-uWw</a>	17/7/2020
8	Narcotic commission, consultative committee, opium poppy cultivation & production of poppy straw	<a href="https://youtu.be/CMWPF2zJwLM">https://youtu.be/CMWPF2zJwLM</a>	18/7/2020
9	Offences and penalties	<a href="https://youtu.be/Ib7VfRAaj-I">https://youtu.be/Ib7VfRAaj-I</a>	24/7/2020
10	Medicinal & toiletry preparations Act 1955, introduction & definition	<a href="https://youtu.be/PIaYyo2flBo">https://youtu.be/PIaYyo2flBo</a>	25/7/2020
11	Excise duty, bonded manufactory	<a href="https://youtu.be/zb55OfR2DRc">https://youtu.be/zb55OfR2DRc</a>	31/7/2020
12	Non bonded manufactory	<a href="https://youtu.be/fGEyRziRNzo">https://youtu.be/fGEyRziRNzo</a>	1/8/2020
13	Warehousing of alcoholic preparation, export of alcoholic preparation	<a href="https://youtu.be/j_i9mJ9pATg">https://youtu.be/j_i9mJ9pATg</a>	7/8/2020

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## Details of Lecture Conducted during Lockdown & Pandemic of COVID-19

<b>14</b>	Manufacture of ayurvedic,homeopathic,patent preparation,offinces & penalties	<a href="https://youtu.be/WSOutj2j7wA">https://youtu.be/WSOutj2j7wA</a>	8/8/2020
<b>15</b>	The drug & magic remedies Act-1954,objective & definition	<a href="https://youtu.be/efFzsdUC9Kk">https://youtu.be/efFzsdUC9Kk</a>	14/8/2020
<b>16</b>	Prohibitions of Advertisement for Treatment of Certain Diseases & Disorders, prohibition of import into, and export from india of certain advertisements	<a href="https://youtu.be/XDcQqoqKclA">https://youtu.be/XDcQqoqKclA</a>	21/8/2020
<b>17</b>	Powers Of Entry, Search etc, classes of exempted advertisements, Offences & Penalty	<a href="https://youtu.be/zD3ZrcrOrJA">https://youtu.be/zD3ZrcrOrJA</a>	28/8/2020
<b>18</b>	Prevention of cruelty to animal Act,1960,introduction	<a href="https://youtu.be/5VGxXJx9FVA">https://youtu.be/5VGxXJx9FVA</a>	29/8/2020
<b>19</b>	Establishment of animal welfare board of india, function of the board	<a href="https://youtu.be/8g10CwxSvDw">https://youtu.be/8g10CwxSvDw</a>	11/9/2020
<b>20</b>	Committee for control and supervision of experiment on animal	<a href="https://youtu.be/GO8XrZRY2ps">https://youtu.be/GO8XrZRY2ps</a>	12/9/2020
<b>21</b>	CPCSEA and IAEC,breeding	<a href="https://youtu.be/sxsxDaRULnM">https://youtu.be/sxsxDaRULnM</a>	18/9/2020
<b>22</b>	Transfer & acquisition of animals for experiment,record, Power to prohibit experiments on animals , Offences & Penalties	<a href="https://youtu.be/ezZOVUIr3lw">https://youtu.be/ezZOVUIr3lw</a>	19/9/2020
<b>23</b>	National pharmaceutical pricing authority, introduction & definition	<a href="https://youtu.be/23ng64Uvr2c">https://youtu.be/23ng64Uvr2c</a>	25/9/2020
<b>24</b>	Objective,Prices of bulk drugs, Information Required From Manufacturer to The Government	<a href="https://youtu.be/iJaR4NzTPzM">https://youtu.be/iJaR4NzTPzM</a>	26/9/2020
<b>25</b>	Power to fix retail price of scheduled formulation, power to fix ceiling price of scheduled formulation, Power to revise price of bulk drug and	<a href="https://youtu.be/a2CnTEA9Ra4">https://youtu.be/a2CnTEA9Ra4</a>	3/10/2020

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	formulation, fixation of price under certain circumstances		
<b>26</b>	PCI Act 1948(repeat)	<a href="https://youtu.be/14qGHprYxn4">https://youtu.be/14qGHprYxn4</a>	16/10/2020
<b>27</b>	PCI Act 1948(repeat)	<a href="https://youtu.be/pnYAf7vd9UM">https://youtu.be/pnYAf7vd9UM</a>	17/10/2020

**Mrs. A. N. Patil**  
(Subject In-charge)

## Link detail for POC-III

Sr. No.	TOPIC	Date	link
1	Unit –I optical isomerism	15/06/2021	<a href="https://youtu.be/6-HwPEtA08I">https://youtu.be/6-HwPEtA08I</a>
2	enantiomer, diastereomer, Elements of symmetry, meso compound, (R) and (S) Nomenclature	16/06/2021	<a href="https://youtu.be/PoU9mnfyts">https://youtu.be/PoU9mnfyts</a>
3	meso compound, (R) and (S) Nomenclature, (D) and (L) Nomenclature	17/06/2021	<a href="https://youtu.be/8fkoUbeLXEs">https://youtu.be/8fkoUbeLXEs</a>
4	(D) and (L) Nomenclature (R) and (S) Nomenclature Racemic modification and resolution	22/06/2021	<a href="https://youtu.be/Zcdp6biwzQU">https://youtu.be/Zcdp6biwzQU</a>
5	Racemic modification and resolution Reaction of chiral molecules Asymmetric synthesis	23/06/2021	<a href="https://youtu.be/068-Ply_seg">https://youtu.be/068-Ply_seg</a>
6	introduction types of geometrical isomerism Determination of configuration of isomerism	28/06/2021	<a href="https://youtu.be/n7OMohpzPjU">https://youtu.be/n7OMohpzPjU</a>
7	Projection formula for chiral compound, conformation isomerism of ethane.	29/06/2021	<a href="https://youtu.be/vYD7znDIWu8">https://youtu.be/vYD7znDIWu8</a>
8	conformational isomerism in ethane, conformational isomerism in n-butane	01/07/2021	<a href="https://youtu.be/U7auUIqAEZw">https://youtu.be/U7auUIqAEZw</a>
9	conformations of cyclohexane, stereoselective and stereospecific reaction	05/07/2021	<a href="https://youtu.be/yrJkKkThOG0">https://youtu.be/yrJkKkThOG0</a>
10	heterocyclic compounds I Pyrrole, furan	13/07/2021	<a href="https://youtu.be/EVOtu5c_pr0">https://youtu.be/EVOtu5c_pr0</a>
11	Pyrrole & Furan	14/07/2021	<a href="https://youtu.be/VGgHWqeotoQ">https://youtu.be/VGgHWqeotoQ</a>
12	Thiophene	19/07/2021	<a href="https://youtu.be/Qpe7qSpoVec">https://youtu.be/Qpe7qSpoVec</a>
13	Pyridine & Pyrazole	22/07/2021	<a href="https://youtu.be/iz-xKPGf1_A">https://youtu.be/iz-xKPGf1_A</a>
14	Pyrazole & thiazole	23/07/2021	<a href="https://youtu.be/fbeRc7-rhCY">https://youtu.be/fbeRc7-rhCY</a>

## Lecture detail for BIOTECHNOLOGY

<b>Sr.No.</b>	<b>TOPIC</b>	<b>Date</b>	<b>link</b>
1	introduction	18/02/21	<a href="https://youtu.be/3pYste0wid8">https://youtu.be/3pYste0wid8</a>
2	Brief introduction to Biotechnology with reference to Pharmaceutical Sciences.	20/02/21	<a href="https://youtu.be/zluVp-_M5o4">https://youtu.be/zluVp-_M5o4</a>
3	introduction to Biotechnology	25/02/21	<a href="https://youtu.be/5c7pNGDWiIM">https://youtu.be/5c7pNGDWiIM</a>
4	introduction to Biotechnology	26/02/21	<a href="https://youtu.be/PUmnSr12MGw">https://youtu.be/PUmnSr12MGw</a>
5	Enzyme biotechnology	27/02/21	<a href="https://youtu.be/aKIgXvf2ryE">https://youtu.be/aKIgXvf2ryE</a>
6	Immobilization of enzyme	04/03/21	<a href="https://youtu.be/BgsraEDHGd0">https://youtu.be/BgsraEDHGd0</a>
7	biosensor	05/03/21	<a href="https://youtu.be/734vc2C3dKg">https://youtu.be/734vc2C3dKg</a>
8	Working and application of biosensor	06/03/21	<a href="https://youtu.be/-4D4ucJNdao">https://youtu.be/-4D4ucJNdao</a>
9	Protein engineering	12/03/21	<a href="https://youtu.be/wj4skdILzzE">https://youtu.be/wj4skdILzzE</a>
10	Application of protein engineering	13/03/21	<a href="https://youtu.be/DLhS_7w7g_M">https://youtu.be/DLhS_7w7g_M</a>
11	use of microbes in industry	20/03/21	<a href="https://youtu.be/zq8kEuyWS1o">https://youtu.be/zq8kEuyWS1o</a>
12	amylase	26/03/21	<a href="https://youtu.be/wDuc3zYXfGo">https://youtu.be/wDuc3zYXfGo</a>
13	catalase, peroxidases	01/04/21	<a href="https://youtu.be/-9qwYJ_Tn7Q">https://youtu.be/-9qwYJ_Tn7Q</a>
14	Lipases and proteases	02/04/21	<a href="https://youtu.be/oFABm2Q3ROo">https://youtu.be/oFABm2Q3ROo</a>
15	Penicillanase enzyme	03/04/21	<a href="https://youtu.be/ulBczoEQQ8I">https://youtu.be/ulBczoEQQ8I</a>
16	Basic Principles of Genetic Engineering	08/04/21	<a href="https://youtu.be/VePz_yciUdg">https://youtu.be/VePz_yciUdg</a>
17	Basic Principles of Genetic Engineering	09/04/21	<a href="https://youtu.be/JPR_pMrwsUs">https://youtu.be/JPR_pMrwsUs</a>
18	Basic Principles of Genetic Engineering	10/04/21	<a href="https://youtu.be/vEV1JKETzcQ">https://youtu.be/vEV1JKETzcQ</a>
19	Genetic engineering	15/04/21	<a href="https://youtu.be/rmuKUnv11zc">https://youtu.be/rmuKUnv11zc</a>
20	Genetic engineering	16/04/21	<a href="https://youtu.be/Cqt8IFKD0iw">https://youtu.be/Cqt8IFKD0iw</a>
21	Application of genetic engineering in medicine	17/04/21	<a href="https://youtu.be/ApgWxB1yvZk">https://youtu.be/ApgWxB1yvZk</a>

## Lecture detail for BIOTECHNOLOGY

22	Application of rDNA technology and genetic engineering in the production of a) interferon, b) vaccines- hepatitis B	22/04/21	<a href="https://youtu.be/m6vQ5DecWOk">https://youtu.be/m6vQ5DecWOk</a>
23	production of insulin by rDNA technology	23/04/21	<a href="https://youtu.be/110u9ebEgFo">https://youtu.be/110u9ebEgFo</a>
24	PCR	08/05/21	<a href="https://youtu.be/D7nV_DA2OZA">https://youtu.be/D7nV_DA2OZA</a>
25	Immunity (innate immunity)	09/05/21	<a href="https://youtu.be/yWsMPbnhOss">https://youtu.be/yWsMPbnhOss</a>
26	Immunity (acquired immunity)	13/05/21	<a href="https://youtu.be/Y5o3_uudWdg">https://youtu.be/Y5o3_uudWdg</a>
27	structure of immunoglobulins	14/05/21	<a href="https://youtu.be/NxLu0US0UJU">https://youtu.be/NxLu0US0UJU</a>
28	Structure and function of MHC ( Major histocompatibility complex)	15/05/21	<a href="https://youtu.be/U-Scm5g7j1I">https://youtu.be/U-Scm5g7j1I</a>
29	Hypersensitivity reaction	20/05/21	<a href="https://youtu.be/j05Y1thO4MI">https://youtu.be/j05Y1thO4MI</a>
30	Immune Stimulation And Immune Suppression	21/05/21	<a href="https://youtu.be/lU4ucLeOe-M">https://youtu.be/lU4ucLeOe-M</a>
31	General Method Of The Preparation Of Bacterial Vaccines, Toxoids, Viral Vaccine, Antitoxins, Serum-Immune Blood Derivatives And Other Products Relative To Immunity.	23/05/21	<a href="https://youtu.be/lf17Cn6wjDE">https://youtu.be/lf17Cn6wjDE</a>
32	General Method Of The Preparation Of Bacterial Vaccines, Toxoids, Viral Vaccine, Antitoxins, Serum-Immune Blood	27/05/21	<a href="https://youtu.be/tiLFSw78zhU">https://youtu.be/tiLFSw78zhU</a>

## Lecture detail for BIOTECHNOLOGY

	Derivatives And Other Products Relative To Immunity.		
33	General Method Of The Preparation Of Bacterial Vaccines, Toxoids, Viral Vaccine, Antitoxins, Serum-Immune Blood Derivatives And Other Products Relative To Immunity.	28/05/21	<a href="https://youtu.be/it5AokSSo3Q">https://youtu.be/it5AokSSo3Q</a>
34	General Method Of The Preparation Of Bacterial Vaccines, Toxoids, Viral Vaccine, Antitoxins, Serum-Immune Blood Derivatives And Other Products Relative To Immunity.	30/05/21	<a href="https://youtu.be/756asoTERQI">https://youtu.be/756asoTERQI</a>
35	Hybridoma Technology	3/06/21	<a href="https://youtu.be/9CJ0Qxp963U">https://youtu.be/9CJ0Qxp963U</a>
36	Blood Products And Plasma Substitutes	4/06/21	<a href="https://youtu.be/zoh_zPZXqUk">https://youtu.be/zoh_zPZXqUk</a>
37	Blood Products And Plasma Substitutes	5/06/21	<a href="https://youtu.be/UowPpv-edaQ">https://youtu.be/UowPpv-edaQ</a>
38	Blood Products And Plasma Substitutes	10/06/21	<a href="https://youtu.be/YMftl51AIyE">https://youtu.be/YMftl51AIyE</a>
39	Immuno Blotting Techniques(Western Blotting)	10/06/21	<a href="https://youtu.be/n7LizpQ_EjY">https://youtu.be/n7LizpQ_EjY</a>
40	Immuno Blotting Techniques (Elisa & Southern Blotting)	12/06/21	<a href="https://youtu.be/Yafll8iRqAM">https://youtu.be/Yafll8iRqAM</a>
41	Genetic organization of Eukaryotes and Prokaryotes	18/06/21	<a href="https://youtu.be/ijBxeFhfKck">https://youtu.be/ijBxeFhfKck</a>



## Lecture detail for BIOTECHNOLOGY

42	Microbial GENETICS	24/06/2021	<a href="https://youtu.be/xihDICj-Wts">https://youtu.be/xihDICj-Wts</a>
43	microbial genetics	26/06/2021	<a href="https://youtu.be/TM1rQNRy-XA">https://youtu.be/TM1rQNRy-XA</a>
44	Microbial GENETICS Plasmids, Transposons	27/06/2021	<a href="https://youtu.be/sW4TFu5BjxY">https://youtu.be/sW4TFu5BjxY</a>
45	microbial - biotranformation introduction to microbial - biotranformation and applications	30/06/2021	<a href="https://youtu.be/PnLgaNnZPgE">https://youtu.be/PnLgaNnZPgE</a>
46	mutation & types of mutation	08/07/2021	<a href="https://youtu.be/LV1VKH9Yrbs">https://youtu.be/LV1VKH9Yrbs</a>
47	fermentation	11/07/2021	<a href="https://youtu.be/s1j-sQIWkhg">https://youtu.be/s1j-sQIWkhg</a>