



VISHAL INSTITUTE OF PHARMACEUTICAL EDUCATION & RESEARCH

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P.C.I. Inst. Code : PCI-2620 | D.T.E. Inst. Code : 6361 | University I.D. No. : CPHP012670

2.3.2

ICT TOOLS

INDEX

Sr. No.	Name of Documents
1	Sample Power Point presentation
2	Use of social media
3	Zoom Video conferencing
4	Online e-resources
5	ICT Enabled Classrooms Photo
6	Use of Software





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ICT TOOLS

1. SAMPLE POWER POINT PRESENTATION




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QUALITY ASSURANCE AND QUALITY MANAGEMENT CONCEPT



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CONTENT

- Quality control
- Quality Assurance
- GMP
- CDSCO
- USFDA
- WHO
- PIC/S

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QUALITY CONTROL (QC)

Quality -

- product with zero defect or a product that meet customer satisfaction.
- It is also reflected by degree of excellence.

Quality control – Definition-

- It is a system of maintaining standards in manufactured products by testing a sample of the output against the specification.
- Testing a pharmaceutical product involves chemical, physical and microbiological evaluation or test.
- It is concept to ensure the identity and purity of a particular pharmaceutical product.
- According to ISO 9000 quality control is a part of quality management system, focused on fulfilling quality requirements.

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QUALITY CONTROL

Quality control – Responsibilities-

1. It is responsible for every time, control of quality within a company.
2. It is responsible for analytical testing of received raw material and inspection of packaging of final product.
3. It is responsible for selection of vendors.
4. It is also responsible for inspect surrounding area for manufacturing pharmaceutical product.
5. It is also responsible for testing finished products.
6. To prepare & follow the approved departmental SOPs.
7. To record raw data and analytical results in analytical test data sheet.
8. To ensure the compliance of the lab observations.
9. To prepare working standards, reference standards.
10. To ensure proper cleanliness & housekeeping lab on daily basis

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QUALITY CONTROL

Quality control – Objectives –

1. To establish the desired quality standards which are acceptable to the customers and consumers.
2. To make a plan for execution, the economical production of high quality product at the quality level the customer wants.
3. To analyze the trend and extent of quality deviations in a manufacturing processes.
4. Evaluating methods and processes of production of pharmaceutical product for maintaining quality.
5. It accelerate the sale of the goods by supplying only the quality goods.
6. QC aim in manufacturing, standard quality of product and avoids producing inferior quality goods.
7. Increase employee motivation.
8. Promote teamwork in group.

QUALITY ASSURANCE (QA)

Definition of QA –

- It is the assurance of quality requirements for a product or service in the pharmaceutical industry.
- Quality assurance aims to create and maintain customer confidence in the product, and the goal is to detect defects early or to prevent them.
- In this process we compare the quality of finished product with its pre- designed sample.
- According to ISO 9000 it is a part of quality management system focused on providing confidence that quality will be fulfilled.





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QUALITY ASSURANCE (QA)

Responsibilities of QA-

1. Check properly manufacturing process.
2. Take batch record review.
3. It is also responsible for making the master plan for entire process.
4. It is also responsible for stability testing and shelf life evaluation.
5. During process deviation are recorded, investigated and recorded.
6. Arrangement are made for the manufacturing, supply and use of correct starting and packaging material.

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QUALITY ASSURANCE (QA)

Objectives of QA-

1. Product design and development is by requirements of cGMP.
2. Finished products are appropriately checked by pre-determined procedures.
3. Every production batch is certified by authorized persons before it is released for sale and supply.
4. There are satisfactory measures adopted to ensure the quality of the product is maintained throughout its shelf life.
5. The quality of products is regularly evaluated to verify that the process is consistently providing quality products.
6. Enhance efficiency of pharmaceutical products
7. Assuring the quality of raw material.
8. Assuring the quality of finished product.
9. Evaluating plant environment.

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ज्ञानमंथनं परीक्षते

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ICT TOOLS

2. USE OF SOCIAL MEDIA


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YOUTUBE:

studio.youtube.com/channel/UCUif0gwwlFjRRV2/4nDyyQ/videos/upload?filter=%5B%5D&sort=%7B"columnType"%3A"date"%2C"sortOrder"%3A"DESCENDING"%7D

Studio Search across your channel

Videos Live

Filter

☐ Video	Visibility	Restrictions	Date ↓	Views	Comments	Likes (vs. disli
 SYNTHETIC SCHEMES FINAL Y.B. PH... SYNTHETIC SCHEMES FINAL Y.B. PHARM SEM - VIII MEDICINAL...	Public	None	07-Jun-2021 Published	557	0	100 1
 Diagnostic agents radio opaque diagnostic agents and agents for organ function tests thanks f...	Public	None	20-May-2021 Published	541	0	100 2 li
 phenytoin Synthesis: step 3- Condens... Urea may be recognized as a structural unit in 5,5-diphenyl hydantoin and it...	Public	None	23-Mar-2021 Published	602	0	100 1
 Phenytoin Synthesis: Step 2- Oxidatio... Reaction Equation: Required Items: Copper-II-acetate Ammonium nitrate 80...	Public	None	23-Mar-2021 Published	558	0	100 2 li
 Preparation of 2-Iodobenzoic acid Synthesis. 2-Iodobenzoic acid can be synthesized via a Sandmeyer reaction...	Public	None	23-Mar-2021 Published	742	0	100 3 li



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FACEBOOK PAGE:

The screenshot displays the Facebook page for the Vishal Institute of Pharmaceutical Education & Research, Ale. The page is a public group with 1.2K members. The cover photo shows the entrance to the Vishal Junnar Educational Complex. The 'About' section is expanded, showing the website URL <http://www.vishaljunnareducation.com/map.html> and the group settings: Public, Visible, and General. The page also shows a sidebar with 'Groups you've joined' and a bottom navigation bar with various icons.





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ICT TOOLS

3. ZOOM VIDEO CONFERENCING




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Zoom Meeting 40-Minutes | You are viewing Sachin Shinde's screen | View Options

Participants (94)

Q Find a participant

- Ashwini Bansode (Me)
- Sachin Shinde (Host)
- 01. Gayatri Arde
- 1A 16 Ashwini Gavhane
- 1G 19. Priyanka Gunjal
- 2R 29- Rutukesh kad
- 35 Vikas Vetal
- 3- 3Y -10 Yukta chavan
- 3D 3y_38_mohan dabhade
- S 3Y_53 sonam dawkhari
- 3Y-01 Aher Sanket
- 3A 3y-03Pranjal Aher
- 3B 3Y-05 Bhandari Shubham
- 3B 3Y-07 Bombe Mayuri

Pre-Interview Preparation

- ☐ About the company
 - Research position, company, & industry
- ☐ Know yourself
 - You are muted. Press Alt+A to unmute your microphone, or press and hold the SPACE key to temporarily unmute.
 - Articulate your strengths, weaknesses, and career goals
- ☐ Necessary materials
 - Copies of resume
 - References
 - Portfolio/pen
 - Any identity proof

Unmute | Start Video | Participants | Chat | Share Screen | Record | Reactions | Leave

11:24 AM 10/05/2021



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ICT TOOLS
4. ONLINE E-SOURCES
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List of Pharmacy Journals Available Online

S.No	Journal Name	Access Link
1	Journal of Pharmacy Education	http://www.jpe.org
2	Journal of Pharmaceutical Sciences	http://www.interscience.wiley.com
3	Journal of Clinical Pharmacy and Therapeutics	http://www.blackwell-synergy.com
4	Journal of Pharmaceutical Medicine	http://www.blackwell-synergy.com
5	Journal of Clinical Pharmacy and Therapeutics	http://www.blackwell-synergy.com
6	Journal of Clinical Pharmacy and Therapeutics	http://www.blackwell-synergy.com
7	Journal of Clinical Pharmacy and Therapeutics	http://www.blackwell-synergy.com
8	Journal of Clinical Pharmacy and Therapeutics	http://www.blackwell-synergy.com
9	Journal of Clinical Pharmacy and Therapeutics	http://www.blackwell-synergy.com
10	Journal of Clinical Pharmacy and Therapeutics	http://www.blackwell-synergy.com

List of Pharmacy e-Books Available Online

S.No	Book Name	Access Link
1	Pharmaceutical Chemistry	http://www.viperale.com
2	Pharmaceutical Microbiology	http://www.viperale.com
3	Pharmaceutical Botany	http://www.viperale.com
4	Pharmaceutical Inorganic Chemistry	http://www.viperale.com
5	Pharmaceutical Organic Chemistry	http://www.viperale.com
6	Pharmaceutical Biotechnology	http://www.viperale.com
7	Pharmaceutical Quality Assurance	http://www.viperale.com
8	Pharmaceutical Statistics	http://www.viperale.com
9	Pharmaceutical Law	http://www.viperale.com
10	Pharmaceutical Marketing	http://www.viperale.com



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List of Pharmacy e- Books Available Online

The screenshot shows the 'Knowledge Hub: A Virtual Library' page. It features a search bar and a list of e-books. The table below lists the available books:

No.	Title	Publisher	Country	Access Type
1	EXTRA OPEN PROTOCOLS	ELSEVIER - SCIENCE DIRECT	USA	FT
2	JOURNAL OF PHARMACEUTICAL ANALYSIS	ELSEVIER - SCIENCE DIRECT	USA	FT
3	METHODS	ELSEVIER - SCIENCE DIRECT	USA	FT
4	REVISTA BRASILEIRA DE FARMACOGNOMIA	ELSEVIER - SCIENCE DIRECT	USA	FT
5	SAUD PHARMACEUTICAL JOURNAL	ELSEVIER - SCIENCE DIRECT	USA	FT
6	TOXICOLOGY REPORTS	ELSEVIER - SCIENCE DIRECT	USA	FT

The screenshot shows the 'Online e-Resource Requisition System' (eShodh) interface. The user is logged in as 'eshodhsandhu[at]infibnet.ac.in'. The page displays the 'Institute Profile' and a list of e-resources. The table below shows the search results:

No.	Title	Publisher	Country	Access Type
1	EXTRA OPEN PROTOCOLS	ELSEVIER - SCIENCE DIRECT	USA	FT
2	JOURNAL OF PHARMACEUTICAL ANALYSIS	ELSEVIER - SCIENCE DIRECT	USA	FT
3	METHODS	ELSEVIER - SCIENCE DIRECT	USA	FT
4	REVISTA BRASILEIRA DE FARMACOGNOMIA	ELSEVIER - SCIENCE DIRECT	USA	FT
5	SAUD PHARMACEUTICAL JOURNAL	ELSEVIER - SCIENCE DIRECT	USA	FT
6	TOXICOLOGY REPORTS	ELSEVIER - SCIENCE DIRECT	USA	FT





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ICT TOOLS

5. ICT ENABLED CLASS ROOMS





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ICT TOOLS

6. USE OF SOFTWARE




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VM EDULIFE SOFTWARE

HOME PAGE:



ACADEMIC PLANNING:



NOTICE BOARD:



LIBRARY:



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FOR ANIMAL EXPERIMENTATION

