

2.3.1. Student-centric methods such as experiential learning, participative learning, and problem-solving methodologies are used for enhancing learning experiences using ICT tools.

Experiential learning at institute is achieved mainly via laboratory-based experiments in all the programs. Diploma students undergo mandatory industrial training. Graduate students are exposed to Project Work, Practice Schools and also routinely perform industrial visits and undergo workshops trainings. The post-graduate students are promoted to undertake industry-based projects that greatly aid the experiential learning. Furthermore, visits to sophisticated analytical facility in the region for project work also helps the same.

Participative learning is achieved via student presentations; group discussions-based tasks, Special Interest groups (SIG), and student publications and presentations in various competitions and conferences. The institution uses Whatsapp groups and Google Classroom Platforms for individual classes. Such an e-learning environment enables and encourages collaboration and teamwork amongst students and teachers. Students interact with their teachers in a more specific, direct, and personalized manner using the **flipped classroom** technique. This makes student learning more participatory and increases student engagement.

Problem-solving methodologies are provided in routine practical based courses. This is refined during the final year of graduate courses via research or review projects. The PG students undertake research project of their interest in the final year.




Principal
Indore Institute of Pharmacy,
INDORE (M.P.)

2.3.1 Student Centric Methods

Teaching learning process is a planned interaction between a student and a teacher that results in behavioural modification. The teaching methods in Indore institute of Pharmacy are adopted with the vision to cater the diverse sections of learners. Students are taught with the mission that fosters a learning environment which nurtures exploration of various skills and critical thinking about the subject. This presents new opportunities in academics for strengthening the courses. . In the teaching learning process, the teacher is considered as the prime motivator and adopts various student centric teaching learning methods to enrich the learning process.

Student centric methods may be **experiential, participative or problem solving activities.**

Experiential learning is an engaged learning process whereby students “learn by doing” and by reflecting on the experience. Well planned, supervised and assessed experiential learning programs can stimulate academic inquiry by promoting interdisciplinary learning, career development, leadership, and other professional and intellectual skills.

Lab sessions: Lab sessions are conducted to enhance students' conceptual understanding of the theory– practice relationship, their higher-level reasoning skills and the development of their practical competence in laboratory work.

Internship programme The primary goal of the internship is to provide for students a transitional work experience, from university training to a professional career, through field experiences. One of the main objectives of an internship is to expose to a particular job and a profession.

Industrial Visits Industrial visits are an essential part of academic curriculum in most of graduate courses. It is considered as a part of college curriculum and objectives of industrial visits is to provide students an insight regarding internal working of companies.

Industrial visits will give the students an opportunity to learn things practically in a real time functional environment through interactions, witnessing the working methods and clarifying their doubts with experienced workers. Keeping this objectives at hand, the institute organizes industrial visits which are within the framework of curriculum.

Experiential Learning during Practical hours:

The students' learning process in the laboratories is monitored on a daily basis.

During laboratory hours, the students are monitored by the faculty for technical skill learning.

The experimental work of the students is documented in their journal and evaluated by the faculty on a regular basis.




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Research Projects (Participative & experiential Learning):

- It is mandatory for M.Pharm. / Ph. D students to undertake the research project for completion of the program.
- It is obligatory for B. Pharm. final students to carry out research projects.
- The institute allocates project guides to each student.
- Students, with the consent of the guide, select the topic of his project which is mainly laboratory oriented.
- During the execution of the project, students need to decide their objective depending on the literature review.
- The students further plan, execute and submit their findings in the form of a project report within the stipulated period of time.
- The M. Pharm. students are evaluated for their research work by the University appointed examiner.
- After submission of the summary and the thesis, the external examiner panel is selected by the University for the Evaluation process

Problem Solving Methodologies:

Involvement of students and faculty in solving the problems with research orientation on advanced topics.




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**Indore Institute of
Pharmacy**

2.3.1 Student-centric methods such as experimental learning, participative learning, and problem solving methodologies are used for enhancing learning experiences using ICT tools

Table of content

S.No	Year	Particular	Learning tools	Page number
1	2022-23	Experiential learning	a. Industrial training	1 – 22
			b. Laboratory experiments	23-31
			c. Industrial visits	34-36
			d. Practice schools	37-99
			e. Project work	100-219
			f. Workshops	220-229
			g. Sophisticated analytical training	230-236
2	Participative learning	a. Conferences	237-252	
		b. Group discussion	253-301	
		c. SWAYAM/ NPTEL/ Self paced learning	302-305	
		d. SIG	306-309	
		e. Pharmacy week celebration	310	
		f. Group events	311-326	
3	Problem solving learning	a. Research projects/ Industry based projects	327-331	
		b. Research / Review publications	332-359	
		c. Internships at medical stores	356-378	




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SUMMARY OF STUDENT CENTRIC METHODS:-

S. NO	PARTICULARS	LEARNING TOOLS	YEAR	SEM	NO. OF STUDENTS
1.	EXPERIENTIAL LEARNING	a. Industrial training	2022-2023	VII	21
		b. Laboratory Experiment		ALL SEMESTER	ALL STUDENTS
		c. Industrial Visit		V & VII	150
		d. Practice school		VII	ALL STUDENTS
		e. Project Work		VIII	ALL STUDENTS
		f. Workshop		VI & VIII	05
		g. Sophisticated analytical training		B.Pharm VII Sem/ M. Pharm I Sem	
2.	PARTICIPATIVE LEARNING	a. Conference	2022-2023	V & VII	40
		b. Group Discussions		VIII	ALL STUDENTS
		c. SWAYAM / NPTEL/ Self paced learning		ALL SEMESTER	22
		d. SIG		ALL SEMESTER	ALL STUDENTS
		e. Pharmacy Week Celebration		ALL SEMESTER	ALL STUDENTS
		f. Group Events		ALL SEMESTER	ALL STUDENTS
3.	PROBLEM SOLVING LEARNING	Research Projects/Industry Based Projects		IV Sem M. Pharm	ALL STUDENTS
		Research/ Review Publication		M. Pharm all Semester and B.Pharmacy VII Sem	10
		Internship at Medical store		Students of D. Pharmacy	ALL STUDENTS




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2.3.1. Student-centric methods, such as experiential learning, participative learning, and problem-solving methodologies are used for enhancing learning experiences using ICT tools

1. Experiential Learning

S.No	Learning Tool	Year	No. of activities/no. of students participated	Remark
1	Laboratory Experiments	All Students	All Semester Students	It is a compulsory part of learning in Pharmacy so all students participate in laboratory practical
2	Industrial Training	2022	21	ACG Capsules/ Azis Labs/ Samkem Pharmaceuticals
3	Industrial Visit	2022-23		ACG Worldwide
4.	Practice School	2022	106 Diploma:10	Retail Pharmacy: 88/ Community Pharmacy: 2/ HPLC: 4/ Clinical pharmacy: 5/ Jan Aushadhi Kendra: 2/ Hospital Pharmacy: 4/ Environmental Lab Testing: 1 Retail Pharmacy
5	Project Work	2022 2023	106 5	All B.Pharm Final year Students perform Projects
6	Workshops & Conferences	2022	35	IPC Nagpur, DAVV, JSS College of Pharmacy, Medicaps, SAGE University, IPEC, Chameli Devi
7	Herbal Garden	2022	All Students	All students visit Dhanvantari Garden for exploring herbal medicines.
8	Animal House	2023	B. Pharmacy 3 & 4 Year	Students visit Animal House to learn about animal handling



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2. Participative learning

S.No	Learning Tool	Year	No. of activities/no. of students participated	Remark
1	Participation in Conferences/ Content	2023	3	IPC
		2022	46	Poster competition
2	Group Discussion	2022-23	All students	CDC Cell organizes GD for all students
3	Self-Paced learning/ MOOC/ Short Courses	2023	206	Students join self-paced courses to upgrade
		2022	51	
4	SIG/Value-aided courses	2022-23	346 Students	5 SIG
5	Herbal Museum	2022-23	All students	The herbal Museum in Pharmacognosy Lab helps students to explore the herbal world in the lab itself.
6	Pharmacy Week Celebration	2022-23	All students participate	Students participate in various activities




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3. Problem-solving methods

S.No	Learning Tool	Year	No. of activities/no. of students participated	Remark
1	Lab Practicals	2022	All M.Pharm students	M.Pharm students are motivated to solve the problems in daily practice during lab
2	Research Projects	2022	All M.Pharm Final Year students	Students perform Research & formulate dosage forms with novelty and industry-based projects
3	Research publication/ Patent	2022	5	Research and review papers of students published in reputed journals, One patent granted on Polyherbal formulation with antitussive activity
4	Medical Store	2022	Students of D.Pharm	Students are guided about documentation and setup of Pharmacy




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**Indore Institute of
Pharmacy**

Approved by: BOP (Board) | Approved by: MCI (Ministry of Health & Family Welfare)
Register: (Trade Mark IP)

EXPERIENTIAL LEARNING




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**Indore Institute of
Pharmacy**

Pharmacy Department Approved by: All India Council of Technical Education
Regd. No. IND/04/2010

INDUSTRIAL TRAINING




Principal
Indore Institute of Pharmacy,
INDORE (M.P.)



Indore Institute of Pharmacy

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Register - Under UGC 2005

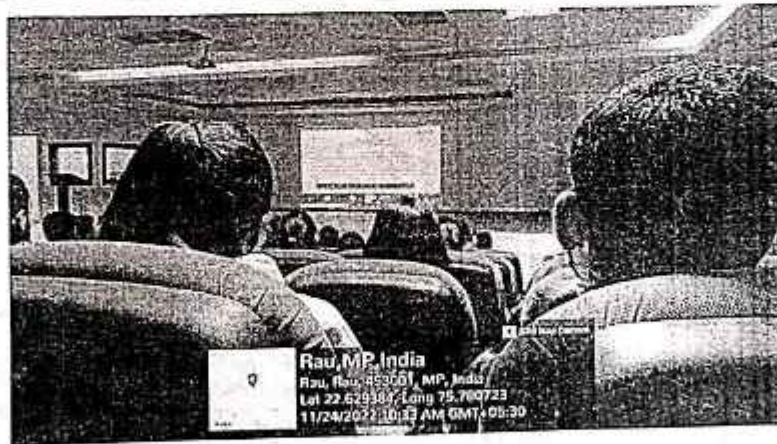
Indore Institute of Pharmacy



VIRTUAL TRAINING PROGRAMME REPORT

ACG CAPSULES

A complete report on virtual training programme organized by Indore Institute of Pharmacy, for all the students of institute in order to get practical knowledge about the plant layout, manufacturing and packaging of the pharmaceutical products. As the industry is capsule manufacturing plant it mainly focuses on the production, packaging and testing of capsules.



Submitted To,
Dr. Dinesh Kumar Mishra Ankita Bhadoriya



Submitted By,

Harshita Gauraha
Shadab Khan
Raja Pathan
Yash Jaiswal


Principal
Indore Institute of Pharmacy,
INDORE (M.P.)



Indore Institute of Pharmacy

Affiliated to - ADP (Pharm) | Approved by - AICTE (New Delhi) & PCI (New Delhi)
Register - Under UST 200


CONCLUSIONS -

We are thankful to our principal and faculties members for organizing such an informative event for us which is very crucial for our practical skills development regarding testing procedures, protocols, machines and importance of automation as well.

We got the knowledge of various machines, tools and technology used in pharmaceutical industries along with the softwares used by the industries.

We hope to get more chances further to have such a informative & wonderful experience of visiting different pharmaceutical industries.




Principal
Indore Institute of Pharmacy,
INDORE (M.P.)




CONCLUSIONS -

We are thankful to our principal and faculties members for organizing such an informative event for us which is very crucial for our practical skills development regarding testing procedures, protocols, machines and importance of automation as well.

We got the knowledge of various machines, tools and technology used in pharmaceutical industries along with the softwares used by the industries.

We hope to get more chances further to have such a informative & wonderful experience of visiting different pharmaceutical industries.




Principal
Indore Institute of Pharmacy,
INDORE (M.P.)



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Register - Under UST 2015



INDORE INSTITUTE OF PHARMACY
Pithampur Road, Opp IIM, Rau, Indore 453331



CENTRAL ANALYTICAL LABORATORIES

Path to Quality

An ISO 9001 : 2015 Certified & FDA Approved Laboratory



Date: 24/09/2022

TO WHOMSOEVER IT MAY CONCERN

This is to certify that Ms. Garima Vyas Da Mr. Nand kishore Vyas Student of B.Pharmacy (VII Semester) of Indore Institute of Pharmacy, Indore has completed her Industrial training in our quality control department, dated from 07.09.2022 to 24.09.2022. she has undergone training in Chemical, HPLC, UV analysis of various pharmaceutical products.

During the training period we found, she is hard working having good communication skills. We wish her all the best.

For Central Analytical Laboratories


Quality Manager

(Contact - +919644399977, +919644399073)

Address : 823, A. B. Road, Pithampur, Rau, Indore - 453331 (Madhya Pradesh)
Website : www.centralindia.in • E-mail : centralanalyticallaboratories@gmail.com
Contact No. : +91 789876341, +91 9644399977, +91 9644399073




Principal
Indore Institute of Pharmacy,
INDORE (M.P.)



Indore Institute of Pharmacy

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Register - Under UGT 205



INDORE INSTITUTE OF PHARMACY

Pithampur Road, Opp IIM, Rau, Indore 453331

CAL **CENTRAL ANALYTICAL LABORATORIES**
Path in Quality
 An ISO 9001 : 2015 Certified & FDA Approved Laboratory


NAAB
Accredited Laboratory

Date: 24/07/2022

TO WHOM SO EVER IT MAY CONCERN

This is to certify that Ms. Fatima Kulkarni w/o. Dr. Mr. Idrees Kulkarni w/o. Student of B.Pharmacy (VII Semester) of Indore Institute of Pharmacy, Indore has completed her Industrial training in our quality control department, dated from 07.09.2022 to 24.09.2022, she has undergone training in Chemical, HPLC, UV analysis of various pharmaceutical products.

During the training period we found, she is hard working having good communication skills. We wish her all the best.

For Central Analytical Laboratories

 Quality Manager

(Contact : +919644399771, +919644399775)

CAL **CENTRAL ANALYTICAL LABORATORIES**

Address : 523, A. B. Road, Pithampur, Rau, Indore - 453331 (Madhya Pradesh)
 Website : www.centralcal.com & Email : centralanalyticallaboratories@gmail.com
 Contact No. 1 : +91 7988974343, +91 9644399771, +91 9644399775




Principal
Indore Institute of Pharmacy,
INDORE (M.P.)



Indore Institute of Pharmacy

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Registered - Under UST, 2005



Ref. : SAMKEM/HR/TRA/2022-23/05

Date: 22 June 2023.....

TO WHOM SO EVER IT MAY CONCERN

This is to certify that Ms. **Kajal Bharambe** Student of Indore Institute of Pharmacy has successfully completed her Industrial Training in Quality Control from 26 May 2023 to 21 June 2023 (27 Days).

We found her sincere, hardworking, technically sound and result oriented. We wish her all the future success.

For Samkem



HR




Principal
Indore Institute of Pharmacy,
INDORE (M.P.)

5



Indore Institute of Pharmacy

Affiliated to - (ADP/Pharm) (Approved by - AICTE/Indore) & PDC/Indore
Register - Under UST 201

12/2/23, 10.03 AM

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ZEST PHARMA

Plot No. 275, Sector F, Sanwer Road, Industrial Area, INDORE - 452015 (M.P.) INDIA
Tel. 0731-4252911-12 E-mail: info@zestpharma.in www.zestpharma.com



WHO
GMP
CERTIFIED



National Award 2010
First Prize
Quality Products

Date: 26/06/2023

TO WHOM SO EVER IT MAY CONCERN

"This is to certify that Ms. UPMA SHUKLA D/O RAKESH SHUKLA pursuing sixth semester, from Indore Institute of Pharmacy Indore, NST Campus, opp. IIM (Indore) (M.P.) 453331 has successfully completed Industrial Training from 27May2023 to 26June2023 in our Production, Quality Assurance & Quality Control Department. During the training period we found her sincere and hardworking.

For ZEST PHARMA

For ZEST PHARMA

Authorized Signatory

Dileep Kumar Sahu

Manager

HR & Administration

Authorized Signatory



Principal
Indore Institute of Pharmacy
INDORE (M.P.)



Indore Institute of Pharmacy

Affiliated to - ADP (Pharm) | Approved by - AICTE (New Delhi) & PCI (New Delhi)
Register - Under UST 201

12/2/23, 10:03 AM

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AzisLabs

- ▶ Works: Plot No. M-43, Sector-3, Pithampur 454774, Dist. Dhar, (M.P.) India
- ▶ City Office: 3/26, Vijay Nagar, Opp. Sayaji Hotel, Indore (M.P.) India, Tel No.: 0731-4068173
- ▶ Lab Contact No.: 90898 89318, 99270 08818, 7089333882
- ▶ Email: info@azislabs.com, J.dingwani@azislabs.com, Visit: www.azislabs.in

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Certificate of Internship

AL/0023/23-24

July.15th.2023

Sub: Certificate of Internship Completion

This is to certify that Miss. Anshika Solanki, pursuing her B.Pharm. In Pharmacy, 7th semester (2020 to 2024 Batch) from Indore institute of science and technology (IIST) (M.P.) has successfully completed her training on Pharmaceutical Testing at Azis Labs, Pithampur from 03.06.2023 to 15.07.2023.

We found him sincere, punctual, hardworking, technically sound and result oriented. She worked well during her training tenure.


We wish her all the best for her future.

Yours Sincerely,

For

Authorized Signatory




Principal
Indore Institute of Pharmacy
INDORE (M.P.)

- ▶ Industrial & Environmental Pollution, Water & Effluent Water Testing, Drugs & Pharmaceutical, Biological/Microbiological Testing Services.
- ▶ Food & Agriculture Products Testing, Method Development & Validation (Pharma, Food & Environment).
- ▶ API Product (Process Development & Research), GMP/GLP Solution for Pharma / Food Industry



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12/2/23, 10:03 AM

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January 14th, 2023


To Whomsoever It May Concern

This is to certify that Ms. Deepti Kaushik, B Pharma (6th Sem) student from Indore Institute of Pharmacy, RGPV Bhopal underwent Practical Training on "An Overview of QC, QA, Production" in our organization from 09th January 2023 to 14th January 2023.

During the training period, she has received training in all Department. We found her sincere and hardworking during her training period with our organization.

We wish her every success in future pursuits of Life.

For Piramal Pharma Limited,


Vijayraj Chauhan
Manager HR




Principal
Indore Institute of Pharmacy
INDORE (M.P.)

Piramal Pharma Limited
Plot 67-70, Sector II Pithampur, Dist: Dhar, Madhya Pradesh - 454775 (India).
Corporate Office: Ground Floor, Piramal Ananta, Agaslya Corporate Park, LBS Marg, Kamani Junction, Kurla West, Mumbai - 400070.
T +91 7292428383
piramalpharmasolutions.com



Indore Institute of Pharmacy

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Register - Under UGC 20U

12/2/23, 10:04 AM

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AzisLabs

- ▶ Works: Plot No. M-43, Sector-3, Pithampur 454774, Dist. Dhar, (M.P.) India
- ▶ City Office: 3/26, Vijay Nagar, Opp. Sayaji Hotel, Indore (M.P.) India, Tel. No.: 0731-4068173
- ▶ Lab Contact No.: 96898 89318, 98270 08819, 7089333892
- ▶ Email: info@azislabs.com, dingwani@azislabs.com, Visit: www.azislabs.in

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Azis Labs Pvt. Ltd.

Office Address: Plot no. M-43,
Sector 3, Pithampur, Distt, Dhar (M.P)

Date: 08 September 2023

TO WHOM IT MAY CONCERN

This is to certify that Miss Upma Shukla, D/O Mr Rakesh Shukla, a Pharmacy student from INDORE INSTITUTE OF PHARMACY, INDORE(M.P) has completed Internship at Azis Labs Pvt.Ltd. The duration of the Internship was from 18th August to 8th September 2023.

Her role was to familiarize herself with all the processes at the organization. She spent a significant amount of time in each department and learnt in-depth what the flow of work is like. Miss Upma Shukla is a diligent individual and particularly inquisitive.

We hope her time spent at Azis Labs was fruitful. We wish her all the success in his future.

For Azis Labs

Signature

Jitendra Dingwani

Lab Head




Principal
Indore Institute of Pharmacy,
INDORE (M.P.)

- ▶ *Industrial & Environmental Pollution, *Water & Effluent Water Testing, Drugs & Pharmaceutical, Biological/Microbiological Testing Services.
- ▶ *Food & Agriculture Products Testing, *Method Development & Validation (Pharma, Food & Environment)
- ▶ *API Product (Process Development & Research), GMP/GLP Solution for Pharma / Food Industry

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Register - Under UST 2015



Ref. : SAMKEM/HR/TRA/2022-23/06

Date: 22 ~~July~~ ^{June} 2023

TO WHOM SO EVER IT MAY CONCERN

This is to certify that Ms. **Jyoti Chaudhari** Student of Indore Institute of Pharmacy has successfully completed her Industrial Training in Quality Control from 26 May 2023 to 21 June 2023 (27 Days).

We found her sincere, hardworking, technically sound and result oriented. We wish her all the future success.

For, Samkem



HR



Principal
Indore Institute of Pharmacy,
INDORE (M.P.)



Indore Institute of Pharmacy

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Register - Under UST 205



Indore Institute of Pharmacy

INDORE INSTITUTE OF PHARMACY, INDORE

IIP/CERT.INDT.TRAIN./

Date: - 11-10-2022

To
The Manager,
Azis Labs,
Pithampur (M.P)

Subject: Industrial Training.


Dear Sir,
Greetings for the day!!

I feel Proud to introduce Indore Institute of Pharmacy. We endeavour to spread technical and professional pharmacy education in the state of Madhya Pradesh. The campus hosts well equipped Pharmacy College, Engineering College, and a MBA College with all modern facilities and infrastructure at Indore (www.indoreinstitute.com).

Ms. Bhagyashree Yadav of B.Pharm 7th semester is a Bonafide student of Indore Institute of Pharmacy, Indore.


We shall be highly obliged if you can accommodate our student for training programme starting from.....to.....

Thanking you.
Sincerely Yours


Dr. Dinesh Kumar Mishra
Principal
Indore Institute of Pharmacy, Indore
7987068400

Principal
Indore Institute of Pharmacy,
INDORE (M.P.)




Principal
Indore Institute of Pharmacy,
INDORE (M.P.)

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Register - Under UST 205



Indore Institute of Pharmacy

INDORE INSTITUTE OF PHARMACY, INDORE

IIP/CERT.INDT.TRAIN./

Date: - 16-12-2022

To
HR Head
Ipca Laboratories Pvt. Ltd.,
Pithampur (M.P.)

Subject: Industrial Training.


Dear Sir,
Greetings for the day!!

I feel Proud to introduce Indore Institute of Pharmacy. We endeavour to spread technical and professional pharmacy education in the state of Madhya Pradesh. The campus hosts well equipped Pharmacy College, Engineering College, and a MBA College with all modern facilities and infrastructure at Indore (www.indoreinstitute.com).

Ms. Anjali Kumawat of B.Pharm 7th semester is a Bonafide student of Indore Institute of Pharmacy, Indore.

We shall be highly obliged if you can accomodate our student for training programme starting from.....to.....

Thanking you.
Sincerely Yours


Dr. Dinesh Kumar Mishra
Principal
Indore Institute of Pharmacy, Indore
7987068400




Principal
Indore Institute of Pharmacy,
INDORE (M.P.)



Indore Institute of Pharmacy

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Register - Under UST 205



Indore Institute of Pharmacy

INDORE INSTITUTE OF PHARMACY, INDORE

IPP/CRT.INDT.TRAIN./6673

Date: -22-06-2022

To
HR Head
Ipsa Laboratories Pvt. Ltd.,
Pathampur (M.P.)

Subject: Industrial Training.

Dear Sir,
Greetings for the day!!

I feel Proud to introduce Indore Institute of Pharmacy. We endeavour to spread technical and professional pharmacy education in the state of Madhya Pradesh. The campus hosts well equipped Pharmacy College, Engineering College, and a MBA College with all modern facilities and infrastructure at Indore (www.indoreinstitute.com).

Mr. Vinay Thakur of B.Pharm 7th semester is a Bonafide student of Indore Institute of Pharmacy, Indore. We shall be highly obliged if you can accommodate our student for training programme starting from.....to.....

Thanking you,
Sincerely Yours

Dr. Dinesh Kumar Mishra
Principal
Indore Institute of Pharmacy, Indore
7987068400

Principal
Indore Institute of Pharmacy,
INDORE (M.P.)



Vinay Thakur
0845PY191098

Principal
Indore Institute of Pharmacy,
INDORE (M.P.)



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Register - Under UGC 20U



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▶ City Office : 3/26, Vijay Nagar, Opp. Sayaji Hotel, Indore (M.P.) India, Tel. No.: 0731-4088173
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▶ Email: info@azislabs.com, j.dingwani@azislabs.com, Visit: www.azislabs.in

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Date: 17/09/2022

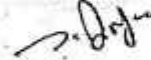
TO WHOMSOEVER IT MY CONCERN

This is to certify that Miss. Ayushi Arora, pursuing her 4th year B.Pharm (2019-2023 Batch) from Indore Institute of Pharmacy, Indore, has successfully completed her training on Pharmaceutical Testing at Azis Labs, Pithampur from 07/09/2022 to 17/09/2022.


We found her sincere, punctual, hardworking, technically sound and result oriented. She worked well during her training tenure.

We wish her all the best for her future.

For AZIS LABS,


Jitendra Dingwari
Lab Head




Principal
Indore Institute of Pharmacy,
INDORE (M.P.)

14

Water & Environmental Pollution, *Water & Effluent Water Testing, Drugs & Pharmaceutical, Biological/Microbiological Testing Services,
*Agriculture Products Testing, *Method Development & Validation (Pharma, Food & Environment),
Product (Process Development & Research), GMP/GLP Solution for Pharma / Food Industry



Indore Institute of Pharmacy

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Register - Under UST, 2001



Indore Institute of Pharmacy

INDORE INSTITUTE OF PHARMACY, INDORE

IIP/CERT,INDT.TRAIN./ 6660

Date: - 03-06-2022

To

.....
.....
.....

Subject: Industrial Training.

Dear Sir,

Greetings for the day!!

I feel Proud to introduce Indore Institute of Pharmacy. We endeavour to spread technical and professional pharmacy education in the state of Madhya Pradesh. The campus hosts well equipped Pharmacy College, Engineering College, and a MBA College with all modern facilities and infrastructure at Indore (www.indoreinstitute.com).

Mr. Sanket Yawatkar of B.Pharm 6th semester is a Bonafide student of Indore Institute of Pharmacy, Indore. We shall be highly obliged if you can accommodate our student for training programme starting from.....to.....

Thanking you.

Sincerely Yours

S. P.V. Dixit
31/6/22
Dr. Dinesh Kumar Mishra
Principal
Indore Institute of Pharmacy, Indore
7987068400

Principal
Indore Institute of Pharmacy,
INDORE (M.P.)



[Signature]
Principal
Indore Institute of Pharmacy,
INDORE (M.P.)



Indore Institute of Pharmacy

Affiliated to - ADP (Pharm) (Approved by - AICTE (New Delhi) & PCD (New Delhi)
Register - Under UST 205



Indore Institute of Pharmacy

INDORE INSTITUTE OF PHARMACY, INDORE

IIP/CERT.INDT.TRAIN./

Date: - 11-10-2022

To
The Manager,
Azis Labs,
Pithampur (M.P)


Subject: Industrial Training.

Dear Sir,
Greetings for the day!!

I feel Proud to introduce Indore Institute of Pharmacy. We endeavour to spread technical and professional pharmacy education in the state of Madhya Pradesh. The campus hosts well equipped Pharmacy College, Engineering College, and a MBA College with all modern facilities and infrastructure at Indore (www.Indoreinstitute.com).

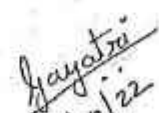
Ms. Gayatri Patil of B.Pharm 7th semester is a Bonafide student of Indore Institute of Pharmacy, Indore. We shall be highly obliged if you can accommodate our student for training programme starting from.....to.....


Thanking you.
Sincerely Yours


Dr. Dinesh Kumar Mishra
Principal
Indore Institute of Pharmacy, Indore
7987068400

Principal
Indore Institute of Pharmacy,
INDORE (M.P.)




Gayatri
11/10/22


Principal
Indore Institute of Pharmacy,
INDORE (M.P.)



Indore Institute of Pharmacy

Affiliated to - ADP (Pharm) (Approved by - AICTE (New Delhi) & PCI (New Delhi))
Register - Under UST 201



INDORE INSTITUTE OF PHARMACY, INDORE

IIP/CERT.INDT.TRAIN./

Date: - 21-12-2022

To
Manager,
Azis Labs,
Pithampur (M.P)

Subject: Industrial Training.


Dear Sir,
Greetings for the day!!

I feel Proud to introduce Indore Institute of Pharmacy. We endeavour to spread technical and professional pharmacy education in the state of Madhya Pradesh. The campus hosts well equipped Pharmacy College, Engineering College, and a MBA College with all modern facilities and infrastructure at Indore (www.indoreinstitute.com).

Mr. Hitesh Warke of B.Pharm 8th semester is a Bonafide student of Indore Institute of Pharmacy, Indore.

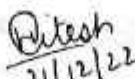
We shall be highly obliged if you can accommodate our student for training programme starting from.....to.....


Thanking you.
Sincerely Yours


Dr. Dinesh Kumar Mishra
Principal
Indore Institute of Pharmacy, Indore
7987068400

Principal
Indore Institute of Pharmacy,
INDORE (M.P.)




Hitesh
21/12/22


Principal
Indore Institute of Pharmacy,
INDORE (M.P.)



Indore Institute of Pharmacy

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Register - Under UST 205



INDORE INSTITUTE OF PHARMACY, INDORE

IIP/CERT.INDT.TRAIN./

Date: - 21-12-2022

To
Manager,
Azis Labs,
Pithampur (M.P)

Subject: Industrial Training.


Dear Sir,
Greetings for the day!!

I feel Proud to introduce Indore Institute of Pharmacy. We endeavour to spread technical and professional pharmacy education in the state of Madhya Pradesh. The campus hosts well equipped Pharmacy College, Engineering College, and a MBA College with all modern facilities and infrastructure at Indore (www.indoreinstitute.com).

Mr. Shashi Ranjan Singh of B.Pharm 8th semester is a Bonafide student of Indore Institute of Pharmacy, Indore.

We shall be highly obliged if you can accommodate our student for training programme starting from.....to.....


Thanking you.
Sincerely Yours


Dr. Dinesh Kumar Mishra
Principal
Indore Institute of Pharmacy, Indore
7987068400

Principal
Indore Institute of Pharmacy,
INDORE (M.P.)


21/12/22




Principal
Indore Institute of Pharmacy,
INDORE (M.P.)



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Register - Under UGT 205



Indore Institute of Pharmacy

INDORE INSTITUTE OF PHARMACY, INDORE

IP/CERT.INDT.TRAIN./

Date: - 21-12-2022

To
Manager,
Azis Labs,
Pithampur (M.P.)

Subject: Industrial Training.


Dear Sir,
Greetings for the day!!

I feel Proud to introduce Indore Institute of Pharmacy. We endeavour to spread technical and professional pharmacy education in the state of Madhya Pradesh. The campus hosts well equipped Pharmacy College, Engineering College, and a MBA College with all modern facilities and infrastructure at Indore (www.indoreinstitute.com).

Mr. Vivek Dwivedi of B.Pharm 8th semester is a Bonafide student of Indore Institute of Pharmacy, Indore.


We shall be highly obliged if you can accommodate our student for training programme starting from.....to.....

Thanking you.
Sincerely Yours


Dr. Dinesh Kumar Mishra
Principal
Indore Institute of Pharmacy, Indore
7987068400

Principal
Indore Institute of Pharmacy,
INDORE (M.P.)




Principal
Indore Institute of Pharmacy,
INDORE (M.P.)



Indore Institute of Pharmacy

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Register - Under UGC 20U



- ▶ Works: Plot No. M-43, Sector-3, Pithampur 454774, Dist. Dhar, (M.P.) India
- ▶ City Office: 3/26, Vijay Nagar, Opp. Sayaji Hotel, Indore (M.P.) India, Tel. No.: 0731-4068173
- ▶ Lab Contact No.: 06600 89318, 98270 08819, 7080333802
- ▶ Email: info@azislabs.com, j.dingwani@azislabs.com, Visit: www.azislabs.in

NABL ACCREDITED LAB (ISO/IEC 17025:2017), RECOGNIZED BY MINISTRY OF ENVIRONMENT, FOREST & CLIMATE CHANGE (MoEFCC), NEW DELHI, ISO 9001:2015, ISO 14001:2015, ISO 45001:2018 (OH&S) CERTIFIED LAB

Date: 29/10/2022

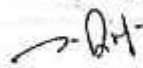
TO WHOMSOEVER IT MY CONCERN

This is to certify that Miss. Gayatri Patil, pursuing her 4th year B.Pharma (2019-2023 Batch) from Indore Institute of Pharmacy, Indore, has successfully completed her training on Pharmaceutical Testing at Azis Labs, Pithampur from 13/10/2022 to 29/10/2022.


We found her sincere, punctual, hardworking, technically sound and result oriented. She worked well during her training tenure.

We wish her all the best for her future.

For AZIS LABS,


Jitendra Dingwani
Lab Head




Principal
Indore Institute of Pharmacy,
INDORE (M.P.)

- ▶ *Industrial & Environmental Pollution, *Water & Effluent Water Testing, Drugs & Pharmaceutical, Biological/Microbiological Testing Services.
- ▶ *Food & Agriculture Products Testing, *Method Development & Validation (Pharma, Food & Environment).
- ▶ *API Product (Process Development & Research), GMP/GLP Solution for Pharma / Food Industry



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Register - Under UST 205



CENTRAL ANALYTICAL LABORATORIES

Trust in Quality

An ISO 9001 : 2015 Certified & FDA Approved Laboratory




Date: 24.09.2022

TO WHOM SO EVER IT MAY CONCERN

This is to certify that Ms. Garima Vyas D/o Mr. Nand kishore Vyas Student of B.Pharmacy (VII Semester) of Indore Institute of Pharmacy, Indore has completed her Industrial training in our quality control department, dated from 07.09.2022 to 24.09.2022. she has undergone training in Chemical, HPLC, UV analysis of various pharmaceutical products.

During the training period we found, she is hard working having good communication skills. We wish her all the best.

For Central Analytical Laboratories


Anjan Singh Thakur

Quality Manager

(Contact - +919644399971, +919644399975)




Principal
Indore Institute of Pharmacy,
INDORE (M.P.)

21



Indore Institute of Pharmacy

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Register - Under UST, 2002



AzisLabs

- ▶ Works: Plot No. M-43, Sector-3, Pithampur 464774, Dist. Dhar, (M.P.) India
- ▶ City Office: 3/28, Vijay Nagar, Opp. Sayaji Hotel, Indore (M.P.) India, Tel. No.: 0731-4068173
- ▶ Lab Contact No.: 98898 89318, 98270 08618, 7099333882
- ▶ Email: info@azislabs.com, j.dingwani@azislabs.com, Visit: www.azislabs.in

NABL ACCREDITED LAB (ISO/IEC 17025:2017), RECOGNIZED BY MINISTRY OF ENVIRONMENT, FOREST & CLIMATE CHANGE (MoEFCC), NEW DELHI, ISO 9001:2015, ISO 14001:2015, ISO 45001:2018 (OH&S) CERTIFIED LAB

Date: 29/10/2022

TO WHOMSOEVER IT MY CONCERN

This is to certify that Miss. Bhagyashree Yadav, pursuing her 4th year B.Pharm (2019-2023 Batch) from Indore Institute of Pharmacy, Indore, has successfully completed her training on Pharmaceutical Testing at Azis Labs, Pithampur from 13/10/2022 to 29/10/2022.

We found her sincere, punctual, hardworking, technically sound and result oriented. She worked well during her training tenure.

We wish her all the best for her future.

For AZIS LABS,

Jitendra Dingwani
Lab Head



Principal
Indore Institute of Pharmacy,
INDORE (M.P.)

22

- ▶ *Industrial & Environmental Pollution, *Water & Effluent Water Testing, Drugs & Pharmaceutical, Biological/Microbiological Testing Services.
- ▶ *Food & Agriculture Products Testing, *Method Development & Validation (Pharma, Food & Environment).
- ▶ *API Product (Process Development & Research), GMP/GLP Solution for Pharma/ Food Industry



**Indore Institute of
Pharmacy**

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PRACTICAL BASED LEARNING



OBJECTIVES & OUTCOMES

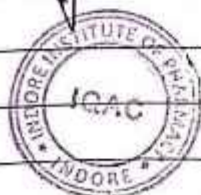
BP705P. INSTRUMENTAL METHODS OF ANALYSIS (Practical)

4 Hours/We

1. Determination of absorption maxima and effect of solvents on absorption maxima of organic compounds
2. Estimation of dextrose by colorimetry
3. Estimation of sulfanilamide by colorimetry
4. Simultaneous estimation of ibuprofen and paracetamol by UV spectroscopy
5. Assay of paracetamol by UV- Spectrophotometry
6. Estimation of quinine sulfate by fluorimetry
7. Study of quenching of fluorescence
8. Determination of sodium by flame photometry
9. Determination of potassium by flame photometry
10. Determination of chlorides and sulphates by nephelo turbidometry
11. Separation of amino acids by paper chromatography
12. Separation of sugars by thin layer chromatography
13. Separation of plant pigments by column chromatography
14. Demonstration experiment on HPLC
15. Demonstration experiment on Gas Chromatography

Recommended Books (Latest Editions)

1. Instrumental Methods of Chemical Analysis by B.K Sharma
2. Organic spectroscopy by Y.R Sharma
3. Text book of Pharmaceutical Analysis by Kenneth A. Connors
4. Vogel's Text book of Quantitative Chemical Analysis by A.I. Vogel
5. Practical Pharmaceutical Chemistry by A.H. Beckett and J.B. Stenlake
6. Organic Chemistry by I. L. Finar
7. Organic spectroscopy by William Kemp
8. Quantitative Analysis of Drugs by D. C. Garrett
9. Quantitative Analysis of Drugs in Pharmaceutical Formulations by P. D. Sethi
10. Spectrophotometric identification of Organic Compounds by Silverstein



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 Register - Under UGT 205



SESSION : July - Dec 22

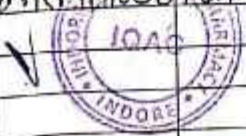
Batch A

ATTENDANCE

SEMESTER : VII

SUBJECT CODE / NAME : Instrumental Method Analysis BP 705 P

S. No.	Enrollment No.	Student Name	Month																	
			Date																	
			Lecture No.																	
			25	26	27	28	29	30	31											
			1	2	3	4	5	6	7	8	9									
1.	0845P4191077	Shivkant	P	A	P	A	P	P	P	P	P									
2.	0845P4191001	Aastha	P	P	A	P	P	P	P	P	P									
3.	0845P4191002	Aayushi Arora	P	P	P	P	P	P	P	P	P									
4.	0845P4191003	Aayushi Rathore	P	P	A	P	P	P	P	A	P									
5.	0845P4191004	Abdullah	P	P	A	A	P	P	P	P	P									
6.	0845P4191005	Abhishek Nagae	P	P	P	P	P	P	A	P	P									
7.	0845P4191006	Abhishek Shukla	P	P	P	P	P	P	P	P	P									
8.	0845P4191007	Aditya Sharma	A	A	P	P	P	P	P	P	P									
9.	0845P4191009	Ahmed	P	P	P	P	P	P	A	P	A									
10.	0845P4191011	Akhilesh	A	P	P	P	P	P	P	P	A									
11.	0845P4191012	Aman Choudhary	P	P	P	P	P	P	A	P	A									
12.	0845P4191014	Aman Thakur	P	P	P	P	P	P	P	P	P									
13.	0845P4191015	Anjali Kumawat	P	P	P	P	P	P	P	P	P									
14.	0845P4191016	Aspan	P	P	P	P	P	P	P	P	A									
15.	0845P4191018	Ayushi	P	P	P	P	P	P	P	P	P									
16.	0845P4191019	Baibhav	P	P	A	P	P	A	P	P	P									
17.	0845P4191020	Balaram	P	P	A	P	P	P	A	P	P									
18.	0845P4191021	Chagyashree	P	P	P	P	P	P	P	P	P									
19.	0845P4191022	Deepak	P	A	P	A	P	P	P	P	P									
20.	0845P4191023	Dhanarjay	A	A	P	P	P	P	P	P	P									
21.	0845P4191024	Dipendra	P	P	P	P	A	A	P	P	P									
22.	0845P4191025	Durgesh	P	A	P	P	P	P	P	P	P									
23.	0845P4191026	Fatima	P	P	P	P	P	P	P	P	P									
24.	0845P4191027	Gairima	P	P	P	P	P	P	P	P	P									
25.	0845P4191028	Gayatri	P	A	P	P	P	P	P	P	P									
26.	0845P4191029	Himani	P	P	A	P	P	P	P	P	P									
27.	0845P4191030	Hitesh	P	P	P	P	P	P	P	P	A									



Indore Institute of Pharmacy
 INDORE (M.P.)

24



Indore Institute of Pharmacy

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Register - Under UGC 2003



REGISTER

					% Attendance
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					88%
					100%
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Principal
Indore Institute of Pharmacy.
INDORE (M.P.)

25



Indore Institute of Pharmacy

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Register - Under UST 201



Batch B

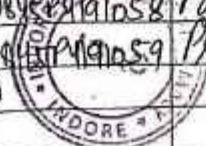
ATTENDANCE

SESSION : July - Dec 2022

SEMESTER : VII

SUBJECT CODE / NAME : Instrumental Method Analysis, BP 705P

S. No.	Enrollment No.	Student Name	Month	7	8	9	10	11					
			Date	26	27	28	29	30	31				
			Lecture No.	1	2	3	4	5	6	7	8	9	
1	0845PV191031	Kiithik		A	A	P	P	P	P	P	P		
2	0845PV191032	Jahoor		P	P	P	P	A	A	P	P	P	
3	0845PV191033	Jatin Gurnari		P	P	P	P	P	P	P	P		
4	0845PV191034	Jatin Keshiya		P	P	P	A	A	P	P	P	P	
5	0845PV191035	Karak		P	P	P	P	P	P	P	P		
6	0845PV191036	Karan Pawar		A	P	P	P	P	P	P	P		
9	0845PV191037	Karan Singh Thala		P	P	P	P	A	P	A	P	P	
8	0845PV191038	Khushal		P	P	A	P	P	P	P	A	P	
9	0845PV191039	Krishna		P	P	A	P	A	P	P	P	P	
10	0845PV191040	Kunal		P	A	P	P	P	A	P	P	P	
11	0845PV191042	Lokesh		P	P	A	P	P	A	P	P	P	
12	0845PV191043	Manasvi		A	P	A	P	P	P	P	P	P	
13	0845PV191044	Manish		P	P	P	A	P	P	A	P	P	
14	0845PV191045	Mayuri		P	A	P	P	P	P	P	P	P	
15	0845PV191046	Meghraj		P	P	P	P	P	A	P	P	P	
16	0845PV191047	Mohan		P	P	A	P	P	P	P	P	P	
17	0845PV191049	Mohammad Aashad		P	P	A	P	P	P	P	P	P	
18	0845PV191050	Mohit		P	P	P	P	P	P	P	P	P	
19	0845PV191051	Mukesh		P	P	P	P	P	P	P	P	P	
20	0845PV191052	Nayan		P	P	P	P	P	P	P	P	P	
21	0845PV191053	Neha		P	P	P	P	P	P	P	P	P	
22	0845PV191054	Nitesh		A	P	A	P	P	P	P	P	P	
23	0845PV191055	Pankaj		P	P	A	A	P	P	P	P	P	
24	0845PV191056	Parul		P	P	P	P	P	P	P	P	P	
25	0845PV191057	Pawan Bannija		P	P	A	P	P	P	P	P	P	
26	0845PV191058	Pawan Palidar		A	P	P	P	P	P	P	P	P	
27	0845PV191059	Prabhakar		P	P	P	P	P	P	P	P	P	



Indore Institute of Pharmacy
INDORE
26



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SESSION : July - Dec 2022

Batch D

ATTENDANCE

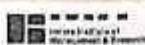
SEMESTER : VII

SUBJECT CODE / NAME : Instrumental Analysis, BP 70

S. No.	Enrollment No.	Student Name	Month									
			Date									
			7	8	8	8	9	9	9	10	10	10
			28	4	18	18	1	15	22	27	13	20
			Lecture No.									
			1	2	3	4	5	6	7	8	9	10
1	0845PV191086	Shivsagar	P	A	P	P	P	P	P	P	P	P
2	0845PV191087	Sirindn	P	P	A	P	P	P	P	P	P	P
3	0845PV191088	Sourabh	P	P	P	P	P	P	P	P	P	P
4	0845PV191089	Sourav	P	P	P	P	P	P	P	P	P	P
5	0845PV191090	Sweta	P	P	P	P	P	P	P	P	P	P
6	0845PV191091	Tarushree	P	P	P	P	P	P	P	P	P	P
7	0845PV191092	Udesh	P	P	A	P	P	A	P	P	A	P
8	0845PV191093	Vaishnavi	P	P	P	P	P	P	P	A	P	P
9	0845PV191095	Vansh	P	P	P	P	P	P	P	P	P	P
10	0845PV191097	Vinay Chauhan	P	P	A	P	P	P	P	A	A	P
11	0845PV191098	Vinay Thakur	P	A	P	P	P	P	P	P	A	P
12	0845PV191099	Vishal Adikari	A	P	P	P	P	P	P	P	P	P
13	0845PV1910100	Vishal Choyal	P	P	P	A	P	P	P	A	P	P
14	0845PV1910101	Vivek	P	A	P	P	P	P	P	P	P	P
15	0845PV1910102	yash	P	P	A	P	P	P	P	A	P	P
16	0845PV1910103	yashi	P	P	P	P	P	P	P	P	P	P
17	0845PV1910104	yogita	P	P	P	P	P	P	P	P	P	P
18	0845PV203001	Aashi	P	P	P	P	P	P	P	P	P	P
19	0845PV203002	Mahak	P	P	P	P	P	P	P	A	P	P
20	0845PV203003	Pooja	P	P	P	A	P	A	P	P	P	P
21	0845PV203004	Ritam	A	P	A	P	P	A	P	P	P	P
22	0845PV203005	Shivani	P	P	P	P	P	P	P	P	P	P
23	0845PV203006	Shivani Joshi	P	A	A	A	P	P	P	P	P	P
24	0845PV203007	Shivani Patidar	P	P	P	P	P	P	P	P	P	P
25	0845PV203008	Shradha Sule	P	A	P	P	P	P	P	P	P	P
26	0845PV203009	Vaishnavi	P	P	P	P	A	P	P	A	P	P
		Principal	P	P	P	A	P	P	P	P	P	P
		Indore Institute of Pharmacy, INDORE (M.P.)										



27



COURSE TITLE	COURSE CODE	CREDITS PER WEEK		
		L	T	P
Medicinal Chemistry I	BP406P			4

COURSE CONTENTS

BP406P. MEDICINAL CHEMISTRY - I (Practical)

I. Preparation of drugs/ intermediates


1,3-pyrazole, 1,3-oxazole, Benzimidazole, Benzotriazole, 2,3- diphenyl quinoxaline, Benzocaine, Phenytoin, Phenothiazine, Barbiturate

II Assay of drugs

Chlorpromazine, Phenobarbitone, Atropine, Ibuprofen, Aspirin, Furosemide

III Determination of Partition coefficient for any two drugs




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INDORE (M.P.)

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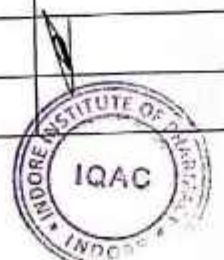


Batch A



LESSON PLAN / DAILY DAIRY (THEORY)

Lecture No.	Topics	Unit No	Proposed Date	Actual Date of Delivery	Pedagogical Tools	Reference Book	Rev
1.	To perform synthesis of Phenylephrine		20/2/23	20/2/23	B.B	Vogel	
2.	To perform synthesis of Benzimidazole		27/2/23	19/3/23	B.B	Vogel	
3.	To perform synthesis of ^{characteristic of methyl p-aminobenzoate} 2-aminobenzoic acid		6/3/23	20/3/23	B.B	Vogel	
4.	To perform synthesis and ^{characteristic of 2,3-diphenyl quinuclidine} assay of Ibuprofen		13/3/23	27/3/23	B.B	Vogel	
5.	To perform assay of Ibuprofen		20/3/23	16/5/23	B.B	Vogel	
6.	To perform assay of Aspirin		27/3/23	16/5/23	B.B	Vogel	
7.	To perform synthesis of phenothiazine		3/4/23	8/5/23	B.B.	Vogel	
8.	To perform synthesis of benzocaine		10/4/23	8/5/23	B.B.	Vogel	
9.	To perform partition coefficient of benzoic acid		17/4/23	29/5/23	B.B.	Vogel	
10.	To perform partition coefficient of Aspirin ^{salicylic acid}		24/4/23	29/5/23	B.B.	Vogel	



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IST IMR IP

Part A

IST IMR IP

Batch B



LESSON PLAN / DAILY DAIRY (LAB)

Lab No.	Name of Experiment	Proposed Date	Actual Date of Delivery	Learning Outcome	Remark
1.	To perform synthesis of Phenytoin	21/2/23	14/3/23	Synthesis	See Characterization
2.	To perform synthesis of Benzimidazole	28/2/23	21/3/23	Synthesis	See Characterization
3.	To perform synthesis & characterization of methyl-1-hydroxyethylamine	7/3/23	28/3/23	Synthesis, Characterization	
4.	To perform synthesis & characterization of 2,3-dibenzyl quinoxaline	14/3/23	28/3/23	Synthesis, Characterization	
5.	To perform assay of butaben	21/3/23	9/5/23	Assay	was performed.
6.	To perform assay of Aspirin	28/3/23	16/5/23	Assay	
7.	To perform synthesis of Phenothiazine	11/4/23	9/5/23	Synthesis	Characterization
8.	To perform synthesis of benzocaine	18/4/23	4/4/23	Synthesis	Characterization
9.	To perform partition coefficient of benzoic acid	25/4/23	23/5/23	Partition Coefficient	
10.	To perform partition coefficient of pectin salicylic acid	2/5/23	29/5/23	Partition Coefficient	

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Batch D



LESSON PLAN / DAILY DAIRY (THEORY)

Sl. No.	Topics	Unit No	Proposed Date	Actual Date of Delivery	Pedagogical Tools	Reference Book	Remark
1.	To perform synthesis of Phenylephrine		23/2/23	23/2/23	B.B.		
2.	To perform synthesis of Benzimidazole		2/3/23	16/3/23	B.B.		
3.	To perform synthesis of Chlorpheniramine Characteristics of methylphenhydrol		9/3/23	6/4/23	B.B.		
4.	To perform synthesis of Chlorpheniramine Characteristics of 2,3-dihydrochloride		16/3/23	6/4/23	B.B.	✓	
5.	To perform assay of ibuprofen		28/3/23	11/5/23	B.B.	0	
6.	To perform assay of aspirin		6/4/23	18/5/23	B.B.	5	
7.	To perform synthesis of Phenothiazine		13/4/23	11/5/23	B.B.	L	
8.	To perform synthesis of benzocaine		20/4/23	20/4/23	B.B.		
9.	To perform partition coefficient of benzoic acid		29/4/23	24/5/23	B.B.		
10.	To perform partition coefficient of Aspirin Salicylic acid		4/5/23	1/6/23	B.B.		



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INDUSTRIAL VISIT



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PRACTICE SCHOOL TRAINING + INTERNSHIP




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CONTACT US:

www.zenithdrugs.com

info@zenithdrugs.com

+91 93291 45074

CIN: U24231MP2900PTC014465




Registered Office & Plant Address - 72/5, Muradpura (Orangpura) Dhar Road, Near Kalarla, INDORE, PIN 453001 (MP) INDIA

Date: 13.06.2023

Certificate of Internship Training

- Name of the student: Ms. Tanvi Sharma
- Name of the Educational Institute: Indore Institute of Pharmacy
- Class: M. Pharma 4th Semester
- Period of training: 13th March 2023 to 13th June 2023
- Approach of student towards training: Outstanding
- Objective of Training: Academic
- Conduct of Student during Training period: Punctual and Hard Working

This certificate is issued to Ms. Tanvi Sharma for the fulfillment of her educational objectives (In Quality Assurance Department.). These will not any kind of claim of employment in our company.


Sandeep Bhardwaj
(Director)




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Pharmacy
2022

INDORE INSTITUTE OF PHARMACY, INDORE

LIST OF STUDENT

B. PHARM VII SEMESTER (JULY-DEC2022)

PRACTICE SCHOOL (BP706PS)

LIST OF STUDENTS WITH GUIDES

Sl. No.	Enrolment Number	Name of the Candidate	Title	Name of Guide	Sign
1	0841PY191077	SHIVKANT BADOLE	Retail Pharmacy	Dr Ritesh Patel	
2	0845PY191001	AASTHA JAISWAL	Retail Pharmacy	Mrs Yashu Chourasia	
3	0845PY191002	AAYUSHI ARORA	Community Pharmacy	Dr Pritesh Paliwal	
4	0845PY191003	AAYUSHI RATHORE	Retail Pharmacy	Ms Deepika Bhawsar	
5	0845PY191004	ABDULLAH	Retail Pharmacy	Ms Abhilasha Jhala	
6	0845PY191005	ABHISHEK NAGAR	Retail Pharmacy	Dr Pritesh Paliwal	
7	0845PY191006	ABHISHEK SHUKLA	Hospital Pharmacy	Dr Rekha Bisht	
8	0845PY191007	ADITYA SHARMA	Retail Pharmacy	Gaurav Agarwal	
9	0845PY191009	AHMED FARHAZ KHAN	Retail Pharmacy	Rohit Sahu	
10	0845PY191011	AKHILESH SIRVI	Retail Pharmacy	Ms Yashu Chourasia	
11	0845PY191012	AMAN CHOUDHARY	Retail Pharmacy	Ms Yashu Chourasia	
12	0845PY191014	AMAN THAKUR	HPLC Analysis	Mr Gaurav Sarsodia	
13	0845PY191015	ANJALI KUMAWAT	Retail Pharmacy	Mr Rohit Sahu	
14	0845PY191016	ARPAN RATHORE	Retail Pharmacy	Ms Komal Mahajan	
15	0845PY191018	AYUSHI PATEL	Retail Pharmacy	Mr Kuldeep Vinchurkar	
16	0845PY191019	BAIBHAV RAJ	Retail Pharmacy	Mr Kuldeep Vinchurkar	
17	0845PY191020	BALRAM RAJPUT	Retail Pharmacy	Dr Gurmeet Chabra	
18	0845PY191021	BHAGYASHREE YADAV	Environment lab Testing	Dr Ritesh Patel	
19	0845PY191022	DEEPAK YADAV	Retail Pharmacy	Ms Nayany Sharma	
20	0845PY191023	DHANANJAY TANWAR	Retail Pharmacy	Ms Shivangi Patidar	
21	0845PY191024	DIPENDRA SINGH CHOUHAN	Retail Pharmacy	Mr Kuldeep Vinchurkar	
22	0845PY191025	DURGESH SHARMA	Retail Pharmacy	Ms Abhilasha Jhala	



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23	0845PY191026	FATEMA KUKSHIWALA	HPLC Analysis	Ms Aarti Majumdar	<i>Aarti</i>
24	0845PY191027	GARIMA VYAS	HPLC Analysis	Dr Ritesh Patel	<i>Ritesh</i>
25	0845PY191028	GAYATRI PATIL	Clinical Pharmacy	Mr Darshan Jamindar	<i>Darshan</i>
26	0845PY191029	HIMANI DUBEY	Retail Pharmacy	Mr Kuldeep Vinchurkar	<i>Kuldeep</i>
27	0845PY191030	HITESH WARKE	Retail Pharmacy	Dr Priya Jain	<i>Priya</i>
28	0845PY191031	HRITHIK RAGHUWANSHI	Retail Pharmacy	Dr Gurmeet Chhabra	<i>Gurmeet</i>
29	0845PY191032	JAHEER PATEL	Retail Pharmacy	Ms Shivangi Patidar	<i>Shivangi</i>
30	0845PY191033	JATIN GURNANI	Retail Pharmacy	Ms Komal Mahajan	<i>Komal</i>
31	0845PY191034	JATIN KESHIYA	Retail Pharmacy	Ms Shivangi Patidar	<i>Shivangi</i>
32	0845PY191035	KANAK BHARDWAJ	Retail Pharmacy	Dr Pritesh Paliwal	<i>Pritesh</i>
33	0845PY191036	KARAN RAKESH PAWAR	Retail Pharmacy	Dr Rupesh Gautam	<i>Rupesh</i>
34	0845PY191037	KARAN SINGH JHALA	Retail Pharmacy	Ms Aarti Majumdar	<i>Aarti</i>
35	0845PY191038	KHUSHAL BHILOTIYA	Retail Pharmacy	Mr Darshan Jamindar	<i>Darshan</i>
36	0845PY191039	KRISHNA	Hospital Pharmacy	Dr Nadeem Farooqui	<i>Nadeem</i>
37	0845PY191040	KUNAL RAI	Retail Pharmacy	Mr Gaurav Agarwal	<i>Gaurav</i>
38	0845PY191042	LOKESH GEHLOT	Retail Pharmacy	Mr Darshan Jamindar	<i>Darshan</i>
39	0845PY191043	MANASVI DUBEY	Hospital Pharmacy	Ms Komal Mahajan	<i>Komal</i>
40	0845PY191044	MANISH VERMA	Retail Pharmacy	Mr Gaurav Sarsodia	<i>Gaurav</i>
41	0845PY191045	MAYURI PATEL	Retail Pharmacy	Dr Pankaj Dixit	<i>Pankaj</i>
42	0845PY191046	MEGHRAJ NIGODIYA	Retail Pharmacy	Ms Aarti Majumdar	<i>Aarti</i>
43	0845PY191047	MOHAN	Retail Pharmacy	Mr Gaurav Sarsodia	<i>Gaurav</i>
44	0845PY191049	MOHAMMAD ARSHAD	Retail Pharmacy	Dr Priya Jain	<i>Priya</i>
45	0845PY191050	MOHIT SOLANKI	Retail Pharmacy	Ms Saloni Yadav	<i>Saloni</i>
46	0845PY191051	MUKESH PAWAR	Retail Pharmacy	Ms Abhilasha Jhala	<i>Abhilasha</i>
47	0845PY191052	NAYAN JOSHI	Hospital Pharmacy	Ms Yashu Chourasiya	<i>Yashu</i>
48	0845PY191053	NEHA TIRKEY	Retail Pharmacy	Dr Pritesh Paliwal	<i>Pritesh</i>
49	0845PY191054	NITESH PATIDAR	Retail Pharmacy	Mr Gaurav Agrawal	<i>Gaurav</i>
50	0845PY191055	PANKAJ PANWAR	Retail Pharmacy	Ms Nayany Sharma	<i>Nayany</i>
51	0845PY191056	PARUL BHORIYA	Clinical Pharmacy	Dr Rupesh Gautam	<i>Rupesh</i>
52	0845PY191057	PAVAN BAMNIYA	Retail Pharmacy	Ms Abhilasha Jhala	<i>Abhilasha</i>
53	0845PY191058	PAWAN PATIDAR	Retail Pharmacy	Dr Priya Jain	<i>Priya</i>



[Signature]
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54	0845PY191059	PRABHAKAR	Retail Pharmacy	Mr Sandip Patil	<i>[Signature]</i>
55	0845PY191060	PRACHI BOREKAR	Retail Pharmacy	Mr Gaurav Sarsodia	<i>[Signature]</i>
56	0845PY191061	PRADHYUM PATEL	Janaushadhi Kendra	Dr Nadeem Farooqui	<i>[Signature]</i>
57	0845PY191062	PRADHYUM RAWAT	Retail Pharmacy	Ms Yashu Chourasia	<i>[Signature]</i>
58	0845PY191063	PRAGYA PRAJAPATI	Retail Pharmacy	Dr Rupesh Gautam	<i>[Signature]</i>
59	0845PY191064	PRASHANT KUMAR JAISWAL	Clinical Pharmacy	Ms Saloni Yadav	<i>[Signature]</i>
60	0845PY191065	PRATEEK RAIWAL	Retail Pharmacy	Mr. Kuldeep Vinchurkar	<i>[Signature]</i>
61	0845PY191066	RADHIKA BAIS	Retail Pharmacy	Mr Rohit Sahu	<i>[Signature]</i>
62	0845PY191067	RAHUL SINGH RAJPUT	Retail Pharmacy	Dr Gurmeet Chahra	<i>[Signature]</i>
63	0845PY191068	RAJESH PANWAR	Retail Pharmacy	Ms Nayany Sharma	<i>[Signature]</i>
64	0845PY191069	RAJKUMAR SEN	Retail Pharmacy	Mr Gaurav Sarsodia	<i>[Signature]</i>
65	0845PY191070	RAVI SOLANKI	Retail Pharmacy	Dr Priya Jain	<i>[Signature]</i>
66	0845PY191071	ROHIT LOVEVANSHI	Retail Pharmacy	Mr Sandip Patil	<i>[Signature]</i>
67	0845PY191072	ROUNAB BISWAS	Retail Pharmacy	Dr Rekha Bisht	<i>[Signature]</i>
68	0845PY191073	RUQAIYA DEWAS WALA	Clinical Pharmacy	Ms Nuyany Sharma	<i>[Signature]</i>
69	0845PY191074	SACHCHIDANAND KUSHWAH	Retail Pharmacy	Mr Gaurav Sarsodia	<i>[Signature]</i>
70	0845PY191075	SACHIN CHOUHAN	Retail Pharmacy	Ms Shivangi Patidar	<i>[Signature]</i>
71	0845PY191076	SAGAR CHOUDHARY	Retail Pharmacy	Ms Saloni Yadav	<i>[Signature]</i>
72	0845PY191077	SAKINA RAMPURA WALA	Retail Pharmacy	Ms Saloni Yadav	<i>[Signature]</i>
73	0845PY191078	SANKET YAWATKAR	Retail Pharmacy	Ms Deepika Bhawar	<i>[Signature]</i>
74	0845PY191079	SHALEKH SAIKH	Retail Pharmacy	Dr Rupesh Gautam	<i>[Signature]</i>
75	0845PY191080	SHASHI RANJAN SINGH	Retail Pharmacy	Mr Rohit Sahu	<i>[Signature]</i>
76	0845PY191081	SHEETAL PATIL	Retail Pharmacy	Mrs Aarti Majumdar	<i>[Signature]</i>
77	0845PY191082	SHIVAM BISEN	Retail Pharmacy	Dr Nadeem Farooqui	<i>[Signature]</i>
78	0845PY191083	SHIVAM PATEL	Retail Pharmacy	Mrs Komal Mahajan	<i>[Signature]</i>
79	0845PY191084	SHIVANI PRAJAPATI	Retail Pharmacy	Mrs Deepika Bhawar	<i>[Signature]</i>
80	0845PY191085	SHIVANI THAKUR	Retail Pharmacy	Mr Gaurav Agarwal	<i>[Signature]</i>
81	0845PY191086	SHIVSAGAR DOGAYA	Retail Pharmacy	Dr Rupesh Gautam	<i>[Signature]</i>
82	0845PY191087	SIMRAN SONI	Janaushadhi kendra	Dr Pritesh Paliwal	<i>[Signature]</i>
83	0845PY191088	SOURABH PATIDAR	Community Pharmacy	Dr Rekha Bisht	<i>[Signature]</i>
84	0845PY191089	SOURAV PATIDAR	Retail Pharmacy	Mr Sandip Patil	<i>[Signature]</i>



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85	0845PY191090	SWETA PARMAR	Retail Pharmacy	Mrs Deepika Bhawsar	Deepika
86	0845PY191091	TANUSHREE PATIDAR	Retail Pharmacy	Dr Ritesh Patel	Ritesh
87	0845PY191092	UDESH PAWAR	Retail Pharmacy	Ms Abhilasha Jhala	Abhilasha
88	0845PY191093	VAISHNAVI MALVIYA	Arogya Medicals	Mrs Arti Majumdar	Arti
89	0845PY191095	VANSHI VERMA	Retail Pharmacy	Mrs Shivangi Patidar	Shivangi
90	0845PY191097	VINAY CHOUHAN	Retail Pharmacy	Dr Rekha Bisht	Rekha
91	0845PY191098	VINAY THAKUR	Retail Pharmacy	Dr Rekha Bisht	Rekha
92	0845PY191099	VISHAL ADHIKARI	Retail Pharmacy	Mrs Shivangi Patidar	Shivangi
93	0845PY191100	VISHAL CHOYAL	Retail Pharmacy	Mrs Deepika Bhavsar	Deepika
94	0845PY191101	VIVEK KUMAR DWIVEDI	Retail Pharmacy	Dr Nadeem Farooqui	Nadeem
95	0845PY191102	YASH SHARMA	Retail Pharmacy	Mrs Komal Mahajan	Komal
96	0845PY191103	YASHI JAIN	Retail Pharmacy	Mr Darshan Jamindar	Darshan
97	0845PY191104	YOGITA PATIDAR	Retail Pharmacy	Mrs Nayany Sharma	Nayany
98	0845PY203D01	ARSHI MANSURI	Retail Pharmacy	Mr Sandip Patil	Sandip
99	0845PY203D02	MAHAK RATHORE	Retail Pharmacy	Mr Sandip Patil	Sandip
100	0845PY203D03	POOJA CHOUDHARY	Retail Pharmacy	Mr Rohit Sahu	Rohit
101	0845PY203D04	PRITAM ADHIKARY	Retail Pharmacy	Mr Darshan Jamindar	Darshan
102	0845PY203D05	SHIVANI	Retail Pharmacy	Mr Gaurav Agarwal	Gaurav
103	0845PY203D06	SHIVANI JOSHI	Retail Pharmacy	Dr Gurmeet Chabra	Gurmeet
104	0845PY203D07	SHIVANI PATIDAR	Retail Pharmacy	Dr Nadeem Farooqui	Nadeem
105	0845PY203D08	SHRADHA SULE	Retail Pharmacy	Dr Ritesh Patel	Ritesh
106	0845PY203D09	VAISHNAVI PATIDAR	Retail Pharmacy	Mr Sandip Patil	Sandip



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HEALTHCARE HOSPITAL & DIAGNOSTIC CENTER
INDORE (M.P.)

Phone No. 990022044-2020 **MHOW NEEMUCH ROAD, SECTOR 3, PITHAMPUR,**
DIST. DHAR (M.P.) Contact No. 07292-400329

TO WHOMSOEVER IT MAY CONCERN


This is to certify that Mr. HITESH WARKE S/O Mr. ISHWAR WARKE, student of B.Pharmacy VII sem. (Batch 2019-2023) from Indore Institute of Pharmacy College, INDORE (R.G.P.V. BHOPAL) has successfully completed 15 Day of his Hospital Pharmacy training programme.

During his tenure with us, we found him sincere and hardworking.

We wish him all the best for future

For Healthcare Hospital and Diagnostic Center, Pithampur

Dr. HEMANT PATEL.




(Signature)
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INDORE (M.P.)

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Pithampur Road, Opp IIM, Rau, Indore 453331

Retail Pharmacy Experience Letter

**Gurukripa Medical Agencies,
Khandwa**

Licence No : 20B/9/18/2000/2011
Date : 06/10/2022

TO WHOM SO EVER IT MAY CONCERN

This is to certify that **Mr. Rounab Biswas S/O Mr. Biprofit Biswas** Enrollment No. **0845PY191072** pursuing **B.Pharmacy-VII Semester** from Indore Institute of Pharmacy, Indore (M.P) has successfully completed one month of training in our organization from **06/09/2022** to **06/10/2022**, during this period we found him hardworking and sincere.

We wish him success in his life.

Name of Student :- Mr. Rounab Biswas

Name of Guide :- Miss. Rekha Bisht

Mr. Sohan Abuja
(PHARMACIST)



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INDORE INSTITUTE OF PHARMACY
Pithampur Road, Opp IIM, Rau, Indore 453331



TO WHOMSOEVER IT MAY CONCERN

This is to certify that Mr. SHASHI RANJAN SINGH S/O Mr. RAM BINOD SINGH, student of B.Pharmacy VII sem. (Batch 2019-2023) from Indore Institute of Pharmacy College, INDORE (R.G.P.V. BIHOPAL) has successfully completed 15 Day of his Hospital Pharmacy training programme.

During his tenure with us, we found him sincere and hardworking.

We wish him all the best for future

For Healthcare Hospital and Diagnostic Center, Pithampur

Dr. HEMANT KATEL



[Signature]
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पंजीकृत अस्पताल/डायग्नोस्टिक सेंटर
अनुमति संख्या: 100/2015/1000

CXIMO Reg. No. : NH10020/JAN-2020

MIHOW NEEMUCH ROAD, SECTOR 1, PITHAMPUR,
DIST. DHAR (M.P.) Contact No. 07292 400329

TO WHOMSOEVER IT MAY CONCERN

This is to certify that Mr. SANJAY KUMAR PATEL S/O Mr. SURYA PAL PATEL, student of B. Pharmacy VIII sem. (Batch 2018 - 2022) From INDORE INSTITUTE OF PHARMACY, INDORE (R.G.P.V. BHOPAL) has successfully completed 1 Month Hospital Pharmacy Training Programme.

During his tenure with us, we found him sincere and hardworking.

We wish him all the best for future.

For Healthcare Hospital and Diagnostic Center, Pithampur

DR. HEMANT PATEL
(Director)



[Signature]
Principal
Indore Institute of Pharmacy,
INDORE (M.P.)

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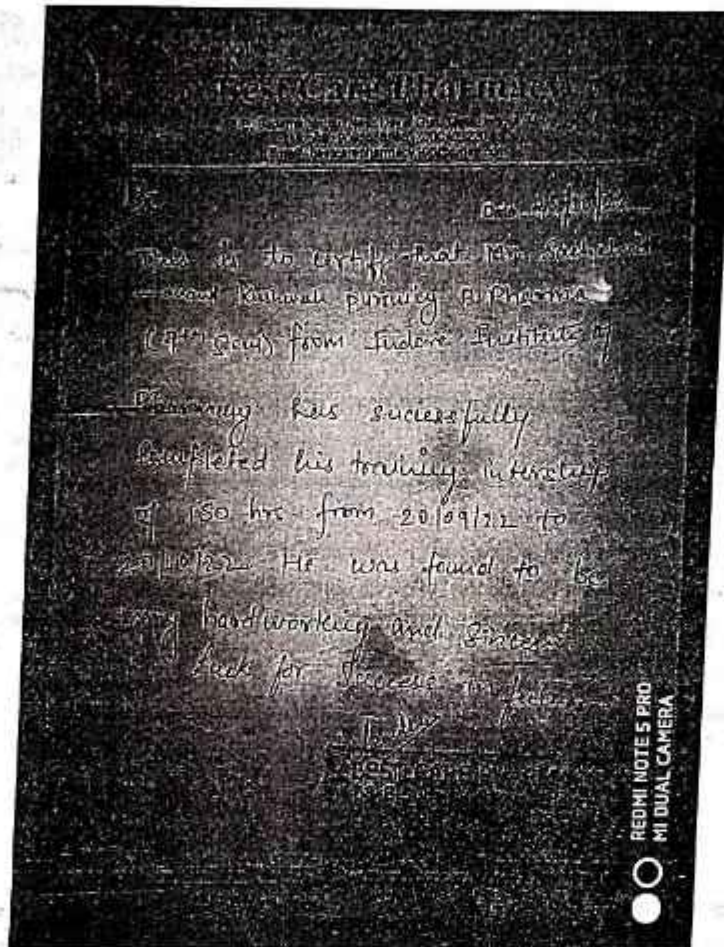
**हेल्थकेयर हॉस्पिटल एवं
डायग्नोस्टिक सेंटर**

महू नीमच रोड, सेक्टर 1, पीथमपुर,
जिला धार (म.प्र.) फोन 07292 4003



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Pharmacy
CAPSULES

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- ❖ Acknowledgement
- ❖ Details of training programme
- ❖ Company Profile
- ❖ Group Observations
- ❖ Conclusion




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DETAILS OF THE SESSION-

A one day virtual industrial training programme was organized by Indore Institute of Pharmacy in the college auditorium. All the students are instructed to gather in college auditorium sharp at 9:30 am to start the session on time. The virtual training session was started sharply at 10:30am. It was a whole day session with one lunch break and a tea break.

Firstly, our principal sir had welcomed the guest and host of the session. The host of the session from the ACG capsules was Dr. Parizad .A. Elchidnna. She coordinated the session wonderfully and welcomed all the students to begin with the session. The training was conducted in the form sessions in particular time intervals. After every session there was a question and answer session to resolve the queries of the students.

SESSION-1: Ketan Parmar (Marketing Executive & assistant to chairman ACG)

He basically told about the initial stages from where the company had started its journey and how it emerged as the world's second largest capsule manufacturing company.

Sixty years of making it better

Possibly even before they realised it, Ajit and Jasjit Singh – the brothers who founded ACG – were always led by a simple principle: to 'make it better'. Whether in response to a customer need, an ambition to keep improving, or their genuine desire to help others, 'Make it better' was the foundation on which they built ACG into the established enterprise it is today.

Now, having passed on the business to their son and nephew, Karan Singh's aspirations are to keep challenging the more renowned players at the very top of the pharmaceutical supply pyramid, and ultimately create a respected global brand – renowned equally for its commercial achievements, and how it has helped make the world a better place.




Principal
Indore Institute of Pharmacy,
INDORE (M.P.)

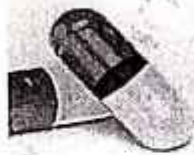
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Indore Institute of Pharmacy

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Register - Under UGC 20U

Better delivery.



Medicine is only as good as how well it's delivered to the body.

> Learn more

Better manufacturing.



Medicine is only as good as the equipment that manufactures it.

> Learn more

ACG Films & Folds Better protection.



Medicine is only as good as the barriers that protect its integrity.

ACG Inspection Better safety.



Medicine is only as good as the systems that ensure it arrives safely at its destination.

ACG capsules is one of the largest manufacturers of two-piece hard gelatin capsules catering to customers from both pharmaceutical and nutraceutical industries in more than 100+ countries. ACG has pioneered a unique technology solution for printing on hard capsules and this technology offers a distinct identity to the brand, setting it apart from the competition.

There global presence-

The company's world-class capsule manufacturing facilities in India, Europe, and Brazil & warehousing facilities across the globe helps us ensure reliable deliveries to global markets.

Growth Story of ACG -

There humble beginnings can be traced back to 1964 when our founders established the first factory in Kandivali, Mumbai as Associated Capsules Pvt Ltd. Today we are the only supplier in the world offering integrated manufacturing solutions for the pharmaceutical and nutraceutical industry. It was our Absolute Commitment to serving our customers and partnering with them for customized solutions that helped us achieve our goals all these years.

It includes:

- ❖ 50 years of Pharma expertise
- ❖ 4000 associates across the world
- ❖ 120+ billion capsule production capacity


ACG's continued dedication to innovation is evident in the variety of unique, trademarked and patented capsule products, including:

1. Gelatin capsules
2. HPMC capsules
3. Others

With continued support from formulation to customization, as well as regulatory advice, ACG offers complete solutions for all their customers' capsule needs.

Vantage Nutrition which is liquid encapsulation technology made for patient compliance and incompatible drugs



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ACG Scitech Center to carry out student training programmes

- ISPE
- CRS
- AAIPS
- IPEC
- HADSA
- SPDS

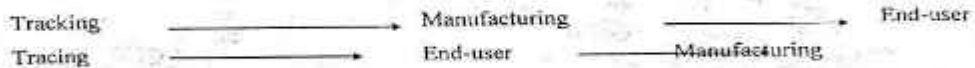
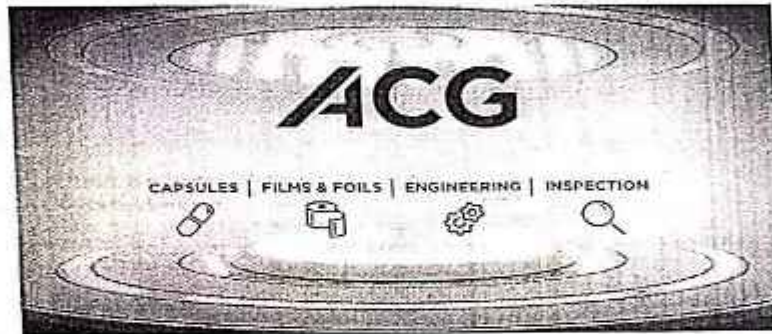
SESSION-2: Santosh Kulkarni (Product Manager at ACG Inspection)

Products of ACG capsules

ACG is the world's only integrated pharmaceutical manufacturing solutions company. Capsules + Films & Foils + Engineering + Inspection and Track & Trace systems, we do it all.

TRACK & TRACE

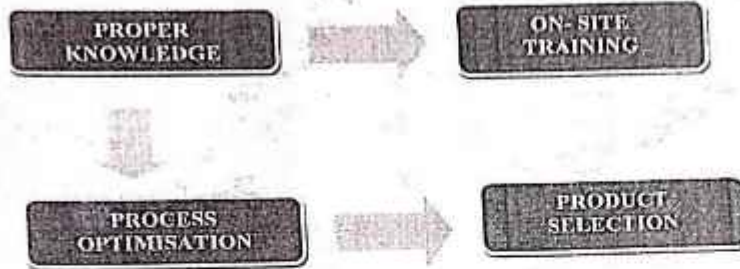
- Need
- Component
- Concept
- Benefits



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INDORE (M.P.)



Value added services of ACG capsules



Quality Management System of ACG capsules

- Strategic Documents
- Control SOPs
- Management SOPs
- Record SOPs

Certifications of ACG capsules

- WHO, GMP Certificate
- FDA Certificate
- ISO 9001-2015
- Exipact Certificate
- Integrated Management System, IMS (OSHAS,EMS)

Members of GMP committee at ACG capsules



Visual Inspection is important as manual inspections are slow and leads to poor yield.

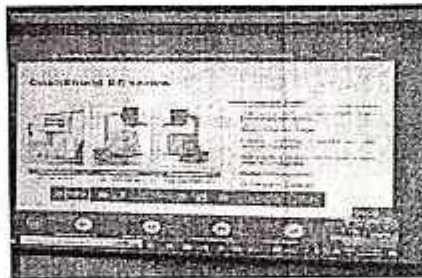
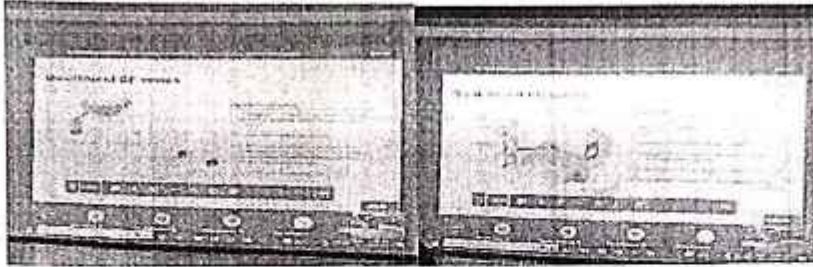
- Barcode OCR
- Blister Inspection
- Pinhole Detection
- Foil Inspection
- After seal
- Tamper Evident
- Track and Trace
- 21CFR Part 11



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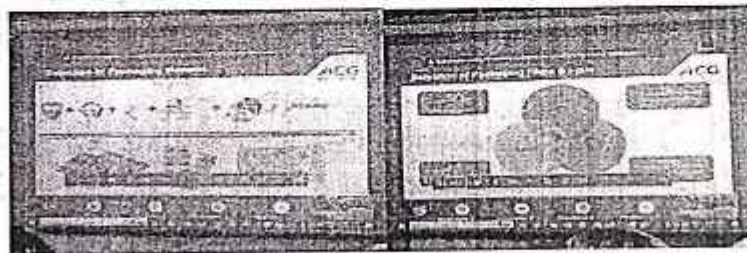
- Qualishield CV Series (Barcode, Pharmacode, OCV, Inspection system)
- Qualishield CF Series (Capsule fill inspection)
- Qualishield CL Series (Cap & fill level inspection system)
- Qualishield BF Series (Bulk inspect & reject system)




SESSION-3: Abhay Joshi (Business Development ACG Films & Foil)

This session was all about the packaging including:

- Selection of packaging material
- Purpose of packaging
- Barriers classification
 - a) ULTRA HIGH BARRIER- ACG Aclar, PVC Aclar
 - b) MODERATE BARRIER- PVC, PVdc
 - c) LOW BARRIER- PVC, APET, PET-G




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SESSION-4: Jnanadeva Bhat (R&D Head ACG Capsules)
This session was all manufacturing of capsules which includes:

Animal

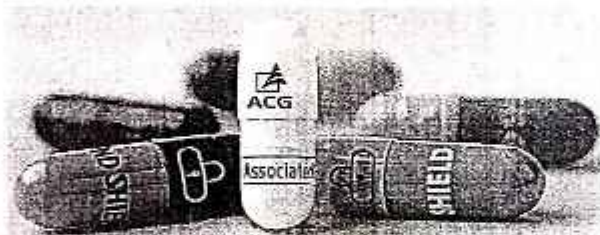
- PORCINE,
- BOVINE,
- FISH GELATIN

Vegetarian

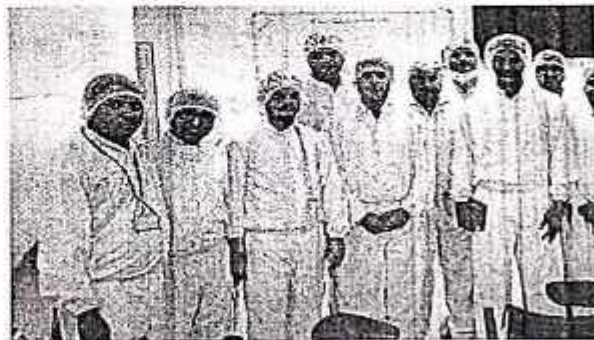
- HPMC
- HPMC PHTHALATE
- MODIFIED STARCH

Gelatin is a partial hydrolysis of collagen
TYPE A (Acid Hydrolysis) TYPE B (Basic Hydrolysis)

- Need of gelatin polymer**
- Safety
 - Solubility
 - Film forming properties



GELATIN CAPSULES



ACG ENGINEERING

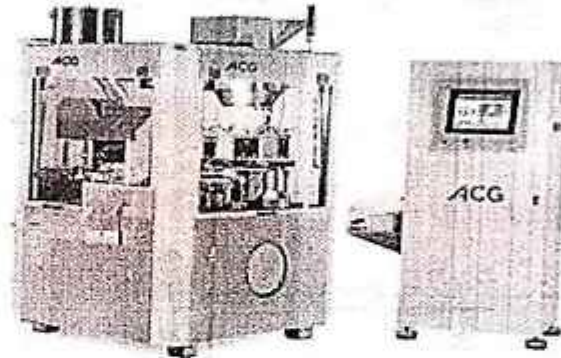


(Signature)
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CAPSULE MANUFACTURING MACHINE



LIQUID FILLING MACHINE

NEW VARIANTS:

- Tsafe Range- TiO_2 free capsule (TiO_2 is eliminated for neutraceutical purpose)
- Ntone Range - Natural colorant


INNOVATIONS:

- HPMC Capsules
- Delayed release capsule
- Gelatin capsule with plasticizer

ACG Capsule

- HPMC Capsule without gelling agent
- ACG uses carrageenan for regular HPMC capsules
- Delayed release is mainly for neutraceutical




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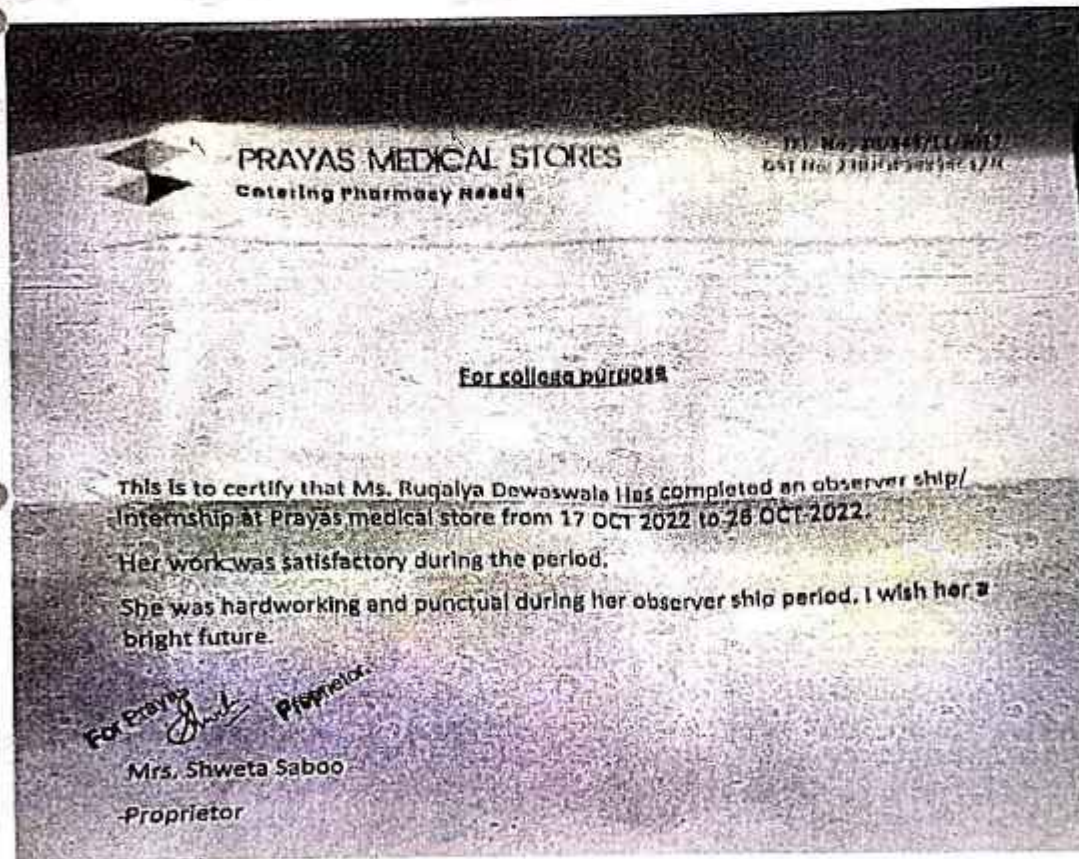


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Register - Under UST 201



INDORE INSTITUTE OF PHARMACY
Pithampur Road, Opp IIM, Rau, Indore 453331



[Signature] 56
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COMMUNITY PHARMACY

(Janhit Retail Pharmacy, Mhow, Madhya Pradesh 453441)

Date: 15/10/2022

To whom so ever it may concern

This is to certify that Mr. Mohit Solanki So. Mr Ashok Solanki Enrollment No. 0845PY191050 pursuing B. Pharmacy -VII Semester from Indore Institute of Pharmacy, Indore (M.P) has successfully completed 1 month of training in our organizations from 15.09.2022 to 15.10.2022. During this period we found him hardworking and sincere.

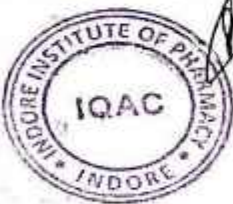
We wish him success in his life.

For, Janhit Medical

Proprietor

Mr. Kuldeep Patel

(Pharmacist)




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Clinical Pharmacy- Introduction, Regulation and Growth

EXPERIENCE CERTIFICATE

CLINICAL PHARMACY

(Suraj clinic, Khadayte dental clinic, Indore road, Betma, Indore Madhya Pradesh, 453001)

Date: 23/10/2022

To whom so ever it may concern

This is to certify that **Ms. Parul Bhoriya** pursuing B.Pharmacy, 7th semester from Indore Institute of Pharmacy, Indore (M.P.) has successfully completed 150 hours of training in our organization from 23/09/2022 to 23/10/2022. During this period found her hardworking and sincere.

We wish her success in her life.

Dr. Vijay Gehlod

सुरज क्लिनिक
इन्दौर रोड, बेटमा
M. 9691438170,



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INDORE INSTITUTE OF PHARMACY
Pithampur Road, Opp IIM, Rau, Indore 453331

**CERTIFICATE
VINAYAK MEDICAL**

ADDRESSES: DREAMLAND SQUARE OPPOSITE ORPHIUM

This is to certify that Shivani Patidar D/O Mr. Dinesh Patidar has successfully completed the pharmacy internship from 9 Sep 2022 to 25 Sep 2022. She joined us as a pharmacist during the internship, she has been found to be honest, dedicated, hardworking and actively participating in all activities at this pharmacy.

We wish her all the best for her future endeavours.

For Vinayak Medicoase

Date: 26 September 2022

Mr. Sunil Patidar

Indore Institute of Pharmacy




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INDORE (M.P.)

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Register - Under UST 201

GAYATRI MEDICAL STORE.
IKLERA, DISTRICT - RAJGARH (M.P.)

DL NO.- 20/105/31/2014

TO WHOM IT MAY CONCERN

This is to certify that **Mr. Pradhyum Rawat S/O Kanhaiyalal Rawat** whose enrollment no. **0845PY191062** pursuing B. Pharmacy 7th semester from **Indore institute of Pharmacy (RGPV) Indore**, has successfully completed 150 Hrs. of training from 24th September to 8th October, 2022. During this period, his services were found to be satisfactory in carrying out the job duties.

We wish him all the best in his future endeavors.

GAYATRI MEDICAL STORE
IKLERA
DIST. RAJGARH (M.P.)
(Signature)

NAVEEN PATIDAR
(Pharmacist & Propertior)



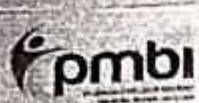
(Signature)
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Register - Under UST 205

PHARMACY PRACTICE **INDORE INSTITUTE OF PHARMACY**



PHARMACEUTICALS & MEDICAL DEVICES BUREAU OF INDIA (PMBI)
(Set up under the Department of Pharmaceuticals, Government of India)

भारतीय
जल औषधि

Date: 17/04/22

INTERNSHIP CERTIFICATE

This is so certify that Ms. PURVASHI MODI completed his/her (1 month) Community Pharmacy Internship in Pradhan Mantri Bhartiya Jan Aushadhi Kendra with study of therapeutics / medical terminology, disease states.

He / She acquired knowledge and skills in prescription monitoring and developing of Pharmaceutical care, plan, problem solving, decision making and active participation in the medical team, Pharmacotherapy and rational use of medicine.

He / She was found intelligent, hardworking and punctual in whole tenure of his/her training. I wish his/her best of success in the every part of his/her life in the future.

Shivraj Singh Parthar
Manager
Pradhan Mantri Bhartiya Jan Aushadhi Kendra



Contact Number : 9144007495, Address : 63 Dwarkapuri, Hawa Bangla Main Road, Indore (M.P.) - 452009



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भारतीय
जन औषधि
परियोजना



Department of Pharmaceuticals
Ministry of Health & Family Welfare
Government of India



अब दवाइयों हुई सस्ती।

Pradhan Mantri Bhartiya Jan Aushadhi Pariyojana

Pradhan Mantri Bhartiya Jan Aushadhi Pariyojana
Shri Sidheshwar Ganesh Mandir Ke Pass - Parliwara Khandwa
Contact No - 9977143577

To Whom It May Concern

This is to certify that Mr. PRADHYUM PATEL s/o ISHWARLAL PATEL
B Pharmacy, Semester - VII from Indore Institute of Pharmacy
undergone internship training from 01/08/2022 to 30/10/2022

During these three month Internship he has worked tremendously well.
He remains continuously updated about medicinal stock and the competitive
products available in the market. He takes deep interest in Medicine to
provide the best medical services to Patients
He can prove to be an asset to a community pharmacy

We wish him a successful future

Mr. Akshat Laad

Owner

Pradhan Mantri Bhartiya Jan Aushadhi Pariyojana

सिद्धेश्वर गणेश मंदिर के पास
पड़वा, खण्डवा 0733 2244201



Principal
Indore Institute of Pharmacy
INDORE (M.P.)

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Indore Institute of Pharmacy

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Register - Under UST 201

JAI MEDICAL CENTRE

LIC.NO. 20/154/14/2016

DATE :

REG.NO. 10096

To,
Whom It May Concern
Date : 15/04/2022

It is to certified that MR ROHIT PATIDAR SO MR MUKESH PATIDAR OF B.Pharmacy , semester - VIII from Indore Institute of Pharmacy , Indore has un-dergone internship training from 15/02/2022 to 15/03/2022.

During these One month internship he has worked very well . He remains continuously updated medicinal stock and the competitive products available in the market . He takes deep interest in medicine to provide the best medical service to patience .

We wish him a successful future .

बसु जय मीसे
Lic.NO.20/154/14/20
21/154/14/20
Mo982633597

SAGORE KUTLBETMA ROAD OPP BHADORIYA MOBILE GALLERY
MOB - 6262769203




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INDORE (M.P.)




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Register - Under UST, 2005



INDORE INSTITUTE OF PHARMACY

Pithampur Road, Opp IIM, Rau, Indore 453331



AzisLabs

* Head Office: H.O.M.A.S. Sector-5, Pithampur (M.P.), Dist. Indore (M.P.) 471024
 * City Office: 13/22, Vidy Nagar, Opp. Sayaji Bldg., Indore (M.P.) India. Tel. No. 9793145431/3
 * Lab Contact No.: 9088859316, 9927016510, 7089433392
 * Email: info@azislabs.com | info@azislabs.com | www.azislabs.in

NABL ACCREDITED LAB (ISO/IEC 17025:2017), RECOGNIZED BY MINISTRY OF ENVIRONMENT, FOREST & CLIMATE CHANGE (MOEFCC), NEW DELHI; ISO 9001:2015; ISO 14001:2015; ISO 45001:2018 (OHS) CERTIFIED LAB


Date: 29/10/2022



TO WHOMSOEVER IT MY CONCERN


This is to certify that Miss. Bhagyashree Yadav, pursuing her 4th year B.Pharm (2019-2023 Batch) from Indore Institute of Pharmacy, Indore, has successfully completed her training on Pharmaceutical Testing at Azis Labs, Pithampur from 13/10/2022 to 29/10/2022.

We found her sincere, punctual, hardworking, technically sound and result oriented. She worked well during her training tenure.

We wish her all the best for her future.

For AZIS LABS:

 Anand Kulkarni
 Lab In-charge


 Principal
 Indore Institute of Pharmacy
 INDORE (M.P.)

2022/10/31 22:50

6A



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Register - Under UST, 2001



INDORE INSTITUTE OF PHARMACY
Pithampur Road, Opp IIM, Rau, Indore 453331

DAL CENTRAL ANALYTICAL LABORATORIES
As ISO 9001:2015 Certified & FDA Approved Laboratory

Date: 24.09.2023

TO WHOMSOEVER IT MAY CONCERN

This is to certify that Mr. Anand Thakur, S/o Mr. Shri Bhagwan Singh Thakur, Student of IIP Pharmacy (Vidya Semester) of Indore Institute of Pharmacy, Indore has completed his Industrial training in our quality control department, dated from 07.09.2023 to 24.09.2023. He has undergone training in Chemical, HPLC, UV analysis of various pharmaceutical products.

During the training period, we found, he is hard working having good communication skills. We wish him all the best.

For Central Analytical Laboratories
Quality Manager

Contact - (+91) 8644 192971, (+91) 9844319973

Address: 203, A. B. Road, Pithampur, Raipur, Indore - 453331 (Madhya Pradesh)
Website: www.dalindore.com | E-mail: info@dalindore.com
Contact No: (+91) 8644192971, (+91) 9844319973




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Register - Under UGT 205

Retail Pharmacy Experience Letter

Krishna Medical & General Store

Add. Infront of Agrashen Gate
Mansal palace, Indore (M.P)

Licence No : 20/2507/11/2021

Date : 08/10/2022

TO WHOM SO EVER IT MAY CONCERN

This is to certify that **Mr. Mukesh Pawar S/O shri Sitaram Pawar** Enrollment No. **0845PY191051** pursuing B.Pharmacy-VII Semester from Indore Institute of Pharmacy, Indore (M.P) has successfully completed one month of training in our organization from **06/09/2022** to **06/10/2022** during this period we found him hardworking and sincere.

We wish him success in his life.

Name of Student :- **Mukesh Pawar**

Name of Guide :- **Abhilasha Jhala**



DR. Jitendra Rajawat

(PHARMACIST)

DRx. Jitendra Singh Rajawat
Reg No. 43064




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Indore Institute of Pharmacy,
INDORE (M.P.)



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Register - Under UST 201

CERTIFICATE

(RETAIL PHARMACY)

This Certify To Mr Karan Pawar S/O Mr Rakesh Pawar Enrolment No . 0845PY191036 Pursuring B.Pharmacy From Indore Institute Of Pharmacy Has Been Successfully Completed Training For Practice School In A Retail Pharmacy Shop Named Bandhu Medical store and polyclinic , License NO.20/2400/10/2022 From 01/10/2022 To 10/10/2022 During This Period We Found Him Dedicated and Sincere .

We Wish His Success In His Life.

Mrs. Pinki Singh

(Pharmacist)



Principal
Indore Institute of Pharmacy
INDORE (M.P.)



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Register - Under UGT 205



INDORE INSTITUTE OF PHARMACY

Pithampur Road, Opp IIM, Rau, Indore 453331

CERTIFICATE

DATAR CLINIC

Tara Complex, Near LCO Bank, Opp. Hoshinath Co. Mohan Chowk Road, Sector-1
Pithampur, INDIA - 451775, (M.P.) India

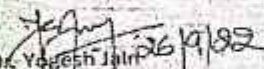
TO WHOMSOEVER IT MY CONCERN

This is to certify that Miss. Gayatri Patil, pursuing her 4th year B. Pharma (2019-2023) Batch from Indore Institute of Pharmacy, Indore, has successfully completed her Pharmacy Practice School training at Datar Clinic, Pithampur from 06/09/2022 to 21/09/2022.

We found her sincere, punctual, hardworking. She worked well during her training tenure.

We wish her all the best for her future.

For Datar Clinic,


Dr. Yogesh Jain
BSc. M.B.B.S.

Family Physician and Surgeon
DR. Y. G. JAIN
B.Sc. M.B.B.S.
PHYSICIAN AND SURGEON
Reg- 5080
TARA COMPLEX
Opp. - Tara Bank
Opp. - Tara Complex
Pithampur, Indore (M.P.)
Registration No. 112/2022




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INDORE (M.P.)

Indore Institute of Pharmacy
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Shree Patidar Medical Store Rau
10/108, Station Road, Rau, Indore
453331 (Near Bus Stand)
Contact No. - 9009067904

To Whom It May Concern

It is to certify that **Shradha Sule D/o Mr. Ashok Sule** Student of **B. Pharmacy, Semester- VII** from Indore Institute of Pharmacy, Indore (M.P.) has undergone internship training from 09/09/2022 to 25/09/2022.

During these Internship she has Worked tremendously well. She remains continuously updated about medicinal stock and the competitive products available in the market. She takes deep interest in Medicine to provide the best medical services to Patients. She can prove to be an asset to a community pharmacy.


We wish her a successful future.


SHRI PATIDAR MEDICAL STORES
10/108, STATION ROAD, RAU
PH. NO.: 2856618

Drx. Kunal Patidar

Owner




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INDORE (M.P.)



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INDORE INSTITUTE OF PHARMACY
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AMAN MEDICAL
(DHARNAKA MHOW, INDORE)
(PIN Code 453331)

To Whom So Ever It May Concern

This is to certify that Miss Sheetal Patil daughter of Ramdas patil pursuing B.Pharmacy from Indore Institute of Pharmacy, Indore(M.P) whose roll no is 0845py191081 has successfully completed 15 days of training in our organization. During this period found her sincere and hardworking.

We wish him success in her life.


(Pharmacist)





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Shree Patidar Medical Store Rau
10/108, Station Road, Rau, Indore
453331 (Near Bus Stand)
Contact No. - 9009067904

To Whom It May Concern

It is to certify that **Shradha Sule D/o Mr. Ashok Sule** Student of **B. Pharmacy**, Semester- VII from Indore Institute of Pharmacy, Indore (M.P.) has undergone internship training from 09/09/2022 to 25/09/2022.

During these Internship she has Worked tremendously well. She remains continuously updated about medicinal stock and the competitive products available in the market. She takes deep interest in Medicine to provide the best medical services to Patients. She can prove to be an asset to a community pharmacy.


We wish her a successful future.

SHRI PATIDAR MEDICAL STORES
10/108, STATION ROAD, RAU
PH. NO.: 2856819

Drx. Kunal Patidar

Owner




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INDORE (M.P.)

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Register - Under UGT 205

Retail Pharmacy



INDORE INSTITUTE OF PHARMACY
Pithampur Road, Opp IIM, Rau, Indore 453331

CERTIFICATE

Best Care Pharmacy

Address- 68 B Sudama Nagar Annapurna Road Indore 452009

This is certify that Valshauavi Patidar D/O Kallash Patidar has successfully completed the three month pharmacy internship from 9 Sep 2022 to 25 Sep 2022. He joined us as a pharmacist during this internship, he has been found to be honest, dedicated, hardworking and actively participating in all activities at this pharmacy

We wish his all the best for her future endeavours.

Date: 26 Sep 2022



Indore Institute of Pharmacy



Principal
Indore Institute of Pharmacy
INDORE (M.P.)



**Indore Institute of
Pharmacy**

Affiliated to - ADP (Pharm) | Approved by - AICTE (New Delhi) & PCI (New Delhi)
Register - Under UST 205

Retail Pharmacy Experience Letter

Diamond medical store

DATE-30/10/2022

M,43/ khatiwala tank, near babji kirana, Saifee Nagar,
Indore, Madhya Pradesh 452014

TO WHOM SO EVER IT MAY CONCERN

This is to certify that **Manish Verma** Enrollment No. **0845PY191044** pursuing B.Pharmacy-VII Semester from Indore Institute of Pharmacy, Indore (M.P) has successfully completed one month of training in our organization from 30/09/2022 to 29/10/2022 during this period we found him hardworking and sincere.

-We wish him success in his life.

Name of Student **Manish Verma**

Mr. MURTAZA SINGAPURWALA

(PHARMACIST) **Diamond Medical Stores**
3, M Khatiwala Tank, INDORE

Name of Guide :- **Mr. Gaurav Sarsodia**




Principal
Indore Institute of Pharmacy,
INDORE (M.P.)

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Indore Institute of Pharmacy

Affiliated to - ADP (Bhopal) | Approved by - AICTE (New Delhi) & PCI (New Delhi)
Register - Under UST, 2011



INDORE INSTITUTE OF PHARMACY
Pithampur Road, Opp IIM, Rau, Indore 453331

CERTIFICATE

(Retail Pharmacy)

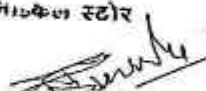
To whom it may concern

This is certify to **Miss Prachi Borekar D/O Mr Suresh Borekar** Enrollment No.0845PY191060 pursuing B.pharmacy from Indore Institute Of Pharmacy has successfully completed training for practice school in a retail pharmacy shop named "Abhishek Medical Store" from 15/09/22 to 30/09/22. During this period we found her dedicated and sincere.


We wish her success in her life.

Abhishek Medical Store

वास्तु अमिषेक मेडिकल स्टोर


प्रीतिवट्टर




Principal
Indore Institute of Pharmacy,
INDORE (M.P.)



Indore Institute of Pharmacy

Affiliated to - ADP (Pharm) | Approved by - AICTE (New Delhi) & PCI (New Delhi)
Register - Under UST 201

CERTIFICATE

This is certified that Prashant Kumar Jaiswal s/o Brijesh Chandra Jaiswal, 4th year student of B.Pharm from Indore Institute Of Pharmacy, Indore has attended training in our Pharmacy Department.

During this period his conduct was good and found him very sincere and hardworking.

We wish all the best for all his future endeavors.

Community Healthcare
Center

Dr. Om Kesharvani



INDORE INSTITUTE OF PHARMACY
Pithampur Road, Opp IIM, Rau, Indore 453331



Principal
Indore Institute of Pharmacy,
INDORE (M.P.)

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**Indore Institute of
Pharmacy**

Affiliated to - ADP (Pharm) | Approved by - AICTE (New Delhi) & PDCHE (Delhi)
Register - Under UST 205


CERTIFICATION OF COMPLETION

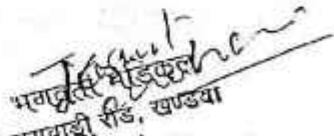
Date-30/10/22

To whom so ever it may concern

This is certified to Miss Neha Tirkey D/O Mr. Sunil Tirkey Enrollment no 0845PY191053 pursuing Bachelor of Pharmacy from Indore Institute of Pharmacy, Indore has successfully completed **Bhagwati medical Store** from training for practice school in a retail pharmacy shop named 01/10/2022 to 30/10/2022. Successfully completed one-month training during this training we found her sincere and dedicated.




Principal
Indore Institute of Pharmacy,
INDORE (M.P.)


भगवती मेडिकल स्टोर,
बसवाडी रोड, खण्डवा
Jaswant Singh Chauhan
(Pharmacist)

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**Indore Institute of
Pharmacy**

Affiliated to - ADP (Pharm) (Approved by - AICTE (New Delhi) & PCI (New Delhi)
Register - Under UST 205

HOSPITAL PHARMACY

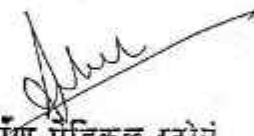
ARPAN HOSPITAL & RESEARCH CENTRE

(151/2 IMLI BAZAAR NEAR RAJWADA INDORE (M.P) 452007)


To whom so ever it may concern

This is to certify that Mr. Krishna Gupta S/o Sanjay Gupta pursuing B. Pharmacy -VII Semester from Indore Institute of Pharmacy, Indore (M.P) has successfully completed 1 month of training in our organizations from 04.10.2022 to 31.10.2022. During this period, we found his hardworking and sincere.

We wish him success in his life.


धर्मेश मेडिकल स्टोर्स
पीरगळी अपेण नसिंग होम
के पास, इन्दौर-452004




Principal
Indore Institute of Pharmacy,
INDORE (M.P.)



Indore Institute of Pharmacy

Affiliated to - ADP(Bhopal) (Approved by - AICTE(New Delhi) & PCI(New Delhi)
Register - Under UGT 205



INDORE INSTITUTE OF PHARMACY
Pithampur Road, Opp IIM, Rau, Indore 453331



CERTIFICATE

Date :-

This to certify that the work entitled ""submitted by "Meghraj Nigodiya " to Rajiv Gandhi Pradyogiki Vishwavidhyala, Bhopal, for partial fulfillment of the requirement for the award of the degree of Bachelor of Pharmacy, is a record of independent work carried out by the student under my supervision

Completing 150 hrs of Training for Practice School in Pharmacy Shop at Pradhanmantri Bhartiya Jan Aushadhi Kendra, Pithampur


PRADHAN MANTRI BHARTIYA
JAN AUSHADHI KENDRA
Shop No. 05, Jans Ch. Complex
In Front of Simran Swicks Pithampur-454775




Principal
Indore Institute of Pharmacy,
INDORE (M.P.)



**Indore Institute of
Pharmacy**

Affiliated to - ADP (Pharm) (Approved by - AICTE New Delhi) & PCI New Delhi)
Register - Under UST 201

Retail Pharmacy Experience Letter

**Ganesh medical store,
Indore**

**Licence No : 20B/9/18/2000/2011
Date : 06/10/2022**

TO WHOM SO EVER IT MAY CONCERN

This is to certify that **Mr. Karan Singh Jhala S/O Mr. Shekhar Singh Jhala** Enrollment No. **0845PY191037** pursuing **B.Pharmacy-VII Semester** from **Indore Institute of Pharmacy, Indore (M.P)** has successfully completed one month of training in our organization from **06/09/2022** to **06/10/2022**, during this period we found him hardworking and sincere.

We wish him success in his life.

Name of Student :- Mr. Karan Singh Jhala

Name of Guide :- Mrs. Arti Majundar

Mr. Manoj Bohra

(PHARMACIST)




Principal
Indore Institute of Pharmacy,
INDORE (M.P.)



Indore Institute of Pharmacy

Affiliated to - ADP (Pharm) | Approved by - AICTE (New Delhi) & PCI (New Delhi)
Register - Under UST 201

Retail Pharmacy



INDORE INSTITUTE OF PHARMACY
Pithampur Road, Opp IIM, Rau, Indore 453331

CERTIFICATE

Best Care Pharmacy

Address- 68 B Sudama Nagar Annapurna Road Indore 452009

This is certify that Pooja Choudhary D/O Jeevan Choudhary has successfully completed the three month pharmacy internship from 9 Sep 2022 to 25 Sep 2022. He joined us as a pharmacist during this internship, he has been found to be honest, dedicated, hardworking and actively participating in all activities at this pharmacy

We wish his all the best for her future endeavours.

BEST CARE PHARMACY
68-B, Sudama Nagar, Indore
Mob.: 9098558838
DL-20/2661/11/2021
DL-21/2662/11/2021

Date: 26 Sep 2022



Indore Institute of Pharmacy

Principal
Indore Institute of Pharmacy,
INDORE (M.P.)

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**Indore Institute of
Pharmacy**

Affiliated to - ADP (Pharm) | Approved by - AICTE (New Delhi) & PDC (New Delhi)
Register - Under UST 201

Retailer Pharmacy Experience Letter


Licence No:

TO WHOM SO EVER IT MAY CONCERN

This is to certify that Mr. Jatin Keshiya S/O Shri. Jagdish Keshiya Enrollment No. 0845PY191034 pursuing B.Pharmacy - VII Semester from Indore Institute of Pharmacy, Indore (M.P) has successfully completed one month of training in our organization from /09/2022 to /10/2022 during this period we found him hardworking and quick learner .
We wish him success in his life.

Name of Student : - Jatin Keshiya
Name of Guide : - Shivangi Patidar




Principal
Indore Institute of Pharmacy,
INDORE (M.P.)



Indore Institute of Pharmacy

Affiliated to - ADP(Bhopal) | Approved by - AICTE(New Delhi) & PCDNew Delhi
Register - Under UST 2015



INDORE INSTITUTE OF PHARMACY
Pithampur Road, Opp IIM, Rau, Indore 453331

CERTIFICATE

This to certify that the practice school report entitled "FUNCTIONING OF RETAIL COMMUNITY PHARMACY" submitted by "PAVAN BAMNIYA" to Rajiv Gandhi Proudhyogiki Vishwavidhyala, Bhopal, for partial fulfillment of the requirement for the award of the degree of Bachelor of Pharmacy, is a record of independent work carried out by the student under my supervision. I also certify that this work or any part thereof has not been submitted earlier for the award of any other degree of this or any other university.

Miss. ABHILASHA JHALA

Asst. Professor



Principal
Indore Institute of Pharmacy,
INDORE (M.P.)



**Indore Institute of
Pharmacy**

Affiliated to - ADP(Bhopal) | Approved by - AICTE(New Delhi) & PCI(New Delhi)
Register - Under UST 201



INDORE INSTITUTE OF PHARMACY
Pithampur Road, Opp IIM, Rau, Indore 453331

RAJ MEDICOS

Date- 22/10/2022

Training Certificate

This is to certify that **Mr. Prateek Raiwal, S/O- Mr. Vinod Raiwal**, a student of B.pharma (Bachelor of Pharmacy – 7th Semester), **Enrollment No. – 0845PY191065**, of **Indore Institute of Pharmacy Indore, affiliated to Rajiv Gandhi Proudyogiki Vishwavidyalaya Bhopal (M.P.)**, has successfully completed 01 (One) month (From 20/09/2022 to 20/10/2022) long Practice School programme at this Medical Store. During this training period of his practice school programme with us he was found punctual, hardworking and inquisitive.

We wish his every success in life.

For Raj Medicos

Raj Medicos
S1, Shikha Apartment
Near Nihal Colony, Indore

Authorized Signature




Principal
Indore Institute of Pharmacy,
INDORE (M.P.)

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**Indore Institute of
Pharmacy**

Affiliated to - ADP(Bhopal) (Approved by - AICTE(New Delhi) & PCI(New Delhi)
Register - Under UOE 200)



INDORE INSTITUTE OF PHARMACY
Pithampur Road, Opp IIM, Rau, Indore 453331

SHIV MEDICAL & GENERAL STORE

Chhatra Chhaya Colony, behind New Genius school Pithampur (M.P.)

Licence No. 20/585/14/2018

Date: 10/10/2022

Training Certificate

This is to certify that **Mr. Sanket Yawatkar** - S/O- **Mr. Hari Yawatkar** , a student of B.pharma (Bachelor Of Pharmacy - 7th Semester). Enrollment No. - **0845PY191078**. **Indore Institute Of Pharmacy Indore**, affiliated to **Rajiv Gandhi Pradyogiki Vishwavidyalaya Bhopal (M.P.)**, has successfully completed **01 (One) month (From 06/09/2022 to 06/10/2022)** long internship programme at this Medical Stores. During the period of his internship programme with us he was found punctual, hardworking and inquisitive.

We wish his every success in life.

For SHIV MEDICAL & GENERAL STORE

Authorized Signature



Principal
Indore Institute of Pharmacy,
INDORE (M.P.)

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**Indore Institute of
Pharmacy**

Affiliated to - ADP (Pharm) | Approved by - AICTE (New Delhi) & PCI (New Delhi)
Register - Under UST 201

HOSPITAL PHARMACY

ARPAN HOSPITAL & RESEARCH CENTRE

(151/2 IMLI BAZAAR NEAR RAJWADA INDORE (M.P) 452007)

To whom so ever it may concern

This is to certify that Mr. Nayan Joshi S/o Dharmesh Joshi pursuing B. Pharmacy -VII Semester from Indore Institute of Pharmacy, Indore (M.P) has successfully completed 1 month of training in our organizations from 04.10.2022 to 31.10.2022. During this period, we found his hardworking and sincere.

We wish his success in his life.



[Signature]
धर्मेश मेडिकल स्टोर्स
पीरगली अर्पण नर्सिंग होम
के पास, इन्दौर-452004

[Signature]
Principal
Indore Institute of Pharmacy,
INDORE (M.P.)

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Indore Institute of Pharmacy

Affiliated to - ADP (Pharm) | Approved by - AICTE (New Delhi) & PCI (New Delhi)
Register - Under UST 205

Retail Pharmacy Experience Letter

ain Medical & General Store

dd. Shop No.3,Om, Guru Kripa Appartment
t Vishnupuri Main A. B. Road INDORE (MP)

Licence No : 106/2003-04

Date: 08/10/2022

TO WHOM SO EVER IT MAY CONCERN


s is to certify that **Mr. Mohan Bare S/O Mr Gulab Singh Bare** Enrollment No **5PY191047** pursuing B.Pharmacy-VII Semester from Indore Institute of Pharmacy,Indore (MP) has successfully completed one month of training in our organization from **06/09/2022** to **10/2022** during this period we found him hardworking and sincere.

wish him success in his life.

ne of Student :- Mohan Bare

ne of Guide :- Gaurav Sarsodiya

ain Medical & General Store
Shop No. 3, Om, Guru Kripa Appartment
Vishnupuri Main A. B. Road, Indore (MP)
Ph: 0731 4051111, 0731 4051112


MR. YASH JAIN
(PHARMACIST)




Principal
Indore Institute of Pharmacy,
INDORE (M.P.)



Indore Institute of Pharmacy

Affiliated to - ADP (Bhopal) | Approved by - AICTE (New Delhi) & PCI (New Delhi)
Register - Under UGT 205

Hospital Pharmacy



INDORE INSTITUTE OF PHARMACY
Pithampur Road, Opp IIM, Rau, Indore 453331

HEALTHCARE HOSPITAL & DIAGNOSTIC CENTER
An ISO 9001:2015 Certified Hospital - ISO Certificate No.: 612097001



MHOW NEEMUCH ROAD, SECTOR 1, PITHAMPUR,
DIST. DHAR (M.P.) Contact No. 07292 400329

31-10-22

To Whom It May Concern

It is to certify that **Mr. Rajkumar Sen S/O Mr. Brijendra Sen** student of B.Pharmacy 4th Year from Indore Institute of Pharmacy, Indore (M.P.) has undergone internship training from 01/10/2022 to 30/10/2022.

During 01 month he has worked tremendously well. He remains continuously updated about medicine stock and the competitive products available in the market. He takes deep interest to provide the best medical services to Patients. He can prove to be an asset to the Hospital pharmacy.

We wish him a successful future.



Seal & Sign

Dr. Hemant Patel
Director
Healthcare Hospital & Diagnostic Centre
Pithampur

हेल्थकेयर हॉस्पिटल एवं डायग्नोस्टिक सेंटर
महू नीचम रोड, सेक्टर 1, पीथमपुर,
जिला धार (म.प्र.) फोन 07292 400329



Indore Institute of Pharmacy

Principal
Indore Institute of Pharmacy,
INDORE (M.P.)

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Indore Institute of Pharmacy

Affiliated to - ADP (Bhopal) | Approved by - AICTE (New Delhi) & PDCHE (Delhi)
Register - Under UST 201

D.L.NO:20/1041/11/2018
GSTIN:23A00PJ7940N1Z7



OJAS MEDICOSE

OJAS MEDICOSE

Building No.3, sector 2, Sunder sadan,
vaishali nagar, Annapurna Road, Indore.

Ref.no.-041

Date- 14/sep/2022

INTERNSHIP CERTIFICATE

This is so certify that Mr.SHIVSAGAR DOGAYA S/O Mr.HARERAM DOGAYA completed his (20 days) retail pharmacy internship in OJAS MEDICOSE INDORE with study of therapeutics/medical terminology,disease states.

He acquired knowledge and skills in prescription monitoring and developing of pharmaceutical care,plan, problem solving decision making and active participation in the medical team, pharmacotherapy and rational use of medicine.

He was found intelligent hardworking and punctual in whole tenure of his training.I wish his best of success in every part of his life in the future.

OJAS MEDICOSE INDORE
GSTIN: 23A00PJ7940N1Z7

PROPRIETOR

OJAS MEDICOSE



Principal
Indore Institute of Pharmacy,
INDORE (M.P.)

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Indore Institute of Pharmacy

Affiliated to - ADP (Pharm) | Approved by - AICTE (New Delhi) & PDC (New Delhi)
Register - Under UST 205

CERTIFICATE

(RETAIL PHARMACY)

This Certify To Mr Mohhamad Arshad S/O Mr Mohhamad shafi Enrolment No . 0845PY191049 Pursuring B.Pharmacy From Indore Institute Of Pharmacy Has Been Successfully Completed Training For Practice School In A Retail Pharmacy Shop Named Bandhu Medical store and polyclinic , License NO.20/2400/10/2022 From 15/09/2022 To 25/10/2022 During This Period We Found Him Dedicated And Sincere .

We Wish His Success In His Life.




Mrs. Pinki Singh

(Pharmacist)




Principal
Indore Institute of Pharmacy,
INDORE (M.P.)

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Indore Institute of Pharmacy

Affiliated to - ADP (Bhopal) | Approved by - AICTE (New Delhi) & PDC (New Delhi)
Registered - Under UST, 2002

Retail Pharmacy Experience Letter

Asiddhi Medicose

Plot No. 40, Nehru Nagar Indore (M.P.)

Date : 16/10/2022

TO WHOM SO EVER IT MAY CONCERN

It is to certify that **Mr. Rahul Singh Rajput s/o Mr. Ladsingh Rajput** Enrollment No. **45PY191067** pursuing B.Pharmacy-VII Semester from Indore Institute of Pharmacy, Indore (M.P.) has successfully completed one month of training in our organization from **04/09/2022** to **10/10/2022** during this period we found him hardworking and senior.

We wish him success in his life.

Name of Student :- **Rahul Singh Rajput**

Name of Guide :- **Dr. Gurmeet Chhabra**

Mr. Virendra Singh Vadham
(Principal)
ASIDDHI MEDICOSE
PHARMACY - Indore
Plot No. 40, Nehru Nagar
984/9, Nehru Nagar
Mob.: 984557-XXXX
Indore (M.P.)




Principal
Indore Institute of Pharmacy,
INDORE (M.P.)

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Indore Institute of
Pharmacy

Affiliated to - ADP (Pharm) (Approved by - AICTE (New Delhi) & PCI (New Delhi)
Register - Under UST 201

CERTIFICATE

(RETAIL PHARMACY)

To whom it may concern.

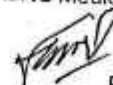
This is certify to Miss. Redhika Bais D/O
Mr. Chit Singh Bais. Enrollment NO-0845P/15106
pursuing B.Pharmacy from Indore Institute of
Pharmacy as successfully completed training
for Practice school in a retail Pharmacy
shop named "Atharva Medical Stores"
from 15/10/22 to 30/10/22. During this
period we found her dedicated and
sincere.

We wish her success in her life.




Principal
Indore Institute of Pharmacy,
INDORE (M.P.)

For Atharva Medical Stores


Proprietor





**Indore Institute of
Pharmacy**

Affiliated to - ADP(Bhopal) | Approved by - AICTE(New Delhi) & PCI(New Delhi)
Register - Under UST 201

"Shyam pharmacy"

Date -20/10/2022

This is to certify that Mayuri Patel B.Pharm final year student(2019-2023 batch) has successfully completed her 15 days training (5/10/2022 — 20/10/2022) in "Shyam pharmacy ,222 Kajipalsiya Khudel Indore" for partial fulfillment of the requirement for the award of degree of Bachelor of Pharmacy. We found her very sincere , disciplined and punctual during her training period.

We wish her all the best for her future.

Owner of Shyam pharmacy

Mis,Himani Choudhary

Principal
Indore Institute of Pharmacy,
INDORE (M.P.)



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Indore Institute of Pharmacy

Affiliated to - ADP (Pharm) | Approved by - AICTE (New Delhi) & PCI (New Delhi) | Register - Under UST 201



Name Date.....
Age.....
Wt.....

Rx

This is Certified that MR. KHUSHAL
BHILOTIYA S/O ANANDILAL BHILOTIYA
D/OIB 1/12/2000 B.Pharm 4th YEAR
Have been Successfully Complete medical
training at medicine House Raigarh
Dist. DHAR (M.P.) from 30/09/2022 to
15/10/2022.



मेडिसीन हाउस
A.B.K.
प्रिन्सिपल

Principal
Indore Institute of Pharmacy,
INDORE (M.P.)

बेटी बचाओ, बेटी पढ़ाओ

मेडिसीन हाऊस

* मेडिकल एवं जनरल स्टोर्स *

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सरकारी अस्पताल के सामने राजगढ़ (जिला धार) को 00540 00177



**Indore Institute of
Pharmacy**

Affiliated to - ADP (Pharm) | Approved by - AICTE (New Delhi) & PCI (New Delhi)
Register - Under UST 205

CERTIFICATE

(RETAIL PHARMACY)

This Certify To Mr Nitesh Patidar S/O Mr Rakesh Patidar Enrolment No .
0845PY191054 Pursuring B.Pharmacy From Indore Institute Of Pharmacy Has
Been Successfully Completed Training For Practice School In A Retail Pharmacy
Shop Named Shree Ji Medical Store From 01/10/2022 To 10/10/2022 During This
Period We Found His Dedicated And Sincere .

We Wish His Success In His Life.

Jitendra patidar

(Pharmacist)



Principal
Indore Institute of Pharmacy,
INDORE (M.P.)



**Indore Institute of
Pharmacy**

Affiliated to - ADP (Bhopal) | Approved by - AICTE (New Delhi) & PCI (New Delhi)
Register - Under UST 205

DHARMISHITA MEDICOSE AND SURGICAL STORE

Training Certificate

This is to certify that Sagar Chaudhary, S/O- Mr. Balakram Choudhary , a student of B.pharma (Bachelor Of Pharmacy - 7th Semester), Enrollment No. - 0845PY191076, Indore Institute Of Pharmacy Indore, affiliated to Rajiv Gandhi Proudyogiki Vishwavidyalaya Bhopal (M.P.), has successfully completed 01 (One) month (From 15/09/2022 to 15/10/2022) long Practice School programme at this Medical Stores. During the period of his internship programme with us he was found punctual, hardworking and inquisitive.


We wish his every success in life.

For Dharmishita Medical And Surgical Stores

धर्मिष्ठा मेडिकल एण्ड सर्जिकल स्टोर
प्लॉट नं. 289, इन्द्रपुरी कॉलोनी,
..... भंवरकुआँ, इन्दौर..

Authorized Signature




Principal
Indore Institute of Pharmacy,
INDORE (M.P.)



Indore Institute of Pharmacy

Affiliated to - ADP (Pharm) | Approved by - AICTE (New Delhi) & PCI (New Delhi)
Register - Under UST 205

Samarpan Chemist
4, DWARKAMAI TOWER
FREEGANJ, UJJAIN

This is certify that Mr. Pawan Patidar
s/o Mr. Manoharlal Patidar D/O/B - 16/10/1999
B-Pharma 4th year has been Successfully
Complete Medical training at Samarpan
Medical, Ujjain (M.P) from 30/09/22 to
15/10/22.


Samarpan Chemist
4, DWARKAMAI TOWER,
FREEGANJ, UJJAIN




Principal
Indore Institute of Pharmacy,
INDORE (M.P.)



**Indore Institute of
Pharmacy**

Affiliated to - ADP (Pharm) | Approved by - AICTE (New Delhi) & PCI (New Delhi)
Register - Under UST 200

GAYATRI MEDICAL

UG-1 SHUBHLABH COMPLEX, JEEVAN JYOTI COLONY, KALIBILLO,

TEH. DEPALPUR DIST. INDORE (M.P.) . PIN CODE 45300.

9752561217, 8871475327

E-mail: gayatrimedical1217@gmail.com


INTERNSHIP CERTIFICATE

This is to certify that Mr. Shivam Bisen S/o Rooplal Bisen completed his/her (15 Day) Commu... Pharmacy Internship in Gayatri medical with study of therapeutics/medical terminoioev . aisea. states.

He/She was found intelligent, hard working & punctual in the whole tenure of his/her training. I wish his/her best of success in the every part of his/her life in the future.




Principal
Indore Institute of Pharmacy,
INDORE (M.P.)


GAYATRI MEDICAL,
UG-1 SHUBHLABH COMPLEX,
JEEVAN JYOTI COLONY, DIST. INDORE,
M.P. PIN CODE 4530014
9752561217

DRX. PRITI PALTE

Pharmacist & Proprietor

Gayatri medical



**Indore Institute of
Pharmacy**

Affiliated to - ADP (Pharm) | Approved by - AICTE (New Delhi) & PCI (New Delhi)
Register - Under UST 205

GAYATRI MEDICAL

UG-1 SHUBHLABH COMPLEX JEEVAN JYOTI COLONY KALIBILLO.

TEH. DEPALPUR DIST. INDORE (M.P.), PIN CODE 45300

9752561217, 8871475327

E-mail: gayatrimedical1217@gmail.com

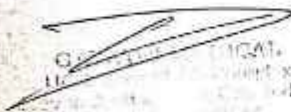
INTERNSHIP CERTIFICATE

This is to certify that Mr. Sachin Chouhan S/o Jawahar Chouhan completed his/her (15 DC), Community Pharmacy Internship in Gayatri medical with study of therapeutics/ medical terminologies/ Disease states.

He/She was found intelligent, hard working & punctual in the whole tenure of his/her training. I wish his/her best of success in the every part of his/her life in the future.




Principal
Indore Institute of Pharmacy,
INDORE (M.P.)


DR. PRITI PATLE
Pharmacist & Proprietor
Gayatri medical

DRX. PRITI PATLE

Pharmacist & Proprietor

Gayatri medical

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Indore Institute of Pharmacy


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Register - Under UST 205

CERTIFICATE

PREETAM MEDICAL AND GENERAL STORES

15/1 Sagore Kuti, Pithampur, Indore (M.P.)

This is to certify that Ms. Mahak Rathore d/o Mr. Satyanarayan Rathore whose Enrolment no is 0845PY203D02 pursuing B.pharma [7th sem] from INDORE INSTITUTE OF PHARMACY, INDORE has successfully completed 150 hrs of pharmacy training from 15th Sep to 15th October 2022. During this period we found her sincere and hardworking. We wish her best luck and success in her career.


PREETAM MEDICAL STORES

Preetam Medical &
General Store
Sagore Kuti, Pithampur

Date- 16 October 2022




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Registered - Under UST 2015



INDORE INSTITUTE OF PHARMACY
Pithampur Road, Opp IIM, Rau, Indore 453331

CERTIFICATE

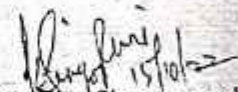
(Retail pharmacy)

Date 15/10/22

To whom it may concern

This is certify to Miss Sakina rampura wala D/O Mr Mansoor rampura wala Enrollment no. 0845PY191077 pursuing b pharmacy from Indore Institute Of Pharmacy has successfully completed training for practice school in a retail pharmacy shop named Diamond medical store from 1/10/22 to 15/10/22. During this period we found her dedicated and sincere.

We wish her success in her life.


Khuzema, Singapore wala
[pharmacist]
for Diamond



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PROJECT WORK



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INDORE INSTITUTE OF PHARMACY, INDORE LIST OF STUDENT B. PHARM VIII SEMESTER (JAN-JUNE 2023)

PROJECT - BPSI+PW

LIST OF STUDENTS WITH GUIDES

SN	Enrollment Number	Name of the Candidate	Name of Guide	Topic	SIGN
1	0841PY191037	SHIVKANT BAOULE	Dr Ritesh Patel	Formulation of Herbal Chocolate Using Sitopaladi for Treating Cough & Cold	
2	0845PY191001	AASTHA JAISWAL	Mrs Yashu Chaurasia	Formulation of nutraceuticals chayanprash	
3	2845PY191002	AAYUSHI ARORA	Dr Ritesh Palival	Formulation of herbal energy drink	
4	0845PY191005	AAYUSHI RATHORE	Ms Deepika Bhowar	Preparation and evaluation of Herbal Soap	
5	0845PY191004	ABDULLAH	Ms Parul Vashtev	Future aspects of 3D printing technology in Pharmaceutical Field	
6	0845PY191003	ABHISHEK NAGAR	Dr Ritesh Palival	Formulation of herbal energy drink	
7	0845PY191006	ABHISHEK SHUKLA	Dr Rakha Bhatt	Market survey on growth of usage of nutraceuticals worldwide	
8	0845PY191007	ADITYA SHARMA	Gaurav Agarwal	Formulation of Herbal Chocolate Using Sitopaladi for Treating Cough & Cold	
9	0845PY191009	AHMED FARHAZ KHAN	Rohit Sohu	Formulation of Herbal hand wash	
10	0845PY191011	AKHILESH SIRVI	Ms Yashu Chaurasia	Formulation of nutraceutical chayanprash	
11	0845PY191012	AMAN CHOUDHARY	Ms Yashu Chaurasia	Formulation of nutraceutical chayanprash	
12	0845PY191014	AMAN THAKUR	Dr Gurmeet Chabra	Preparation of Face cream	
13	0845PY191015	ANJALI KUMAWAT	Mr Rohit Sahu	Herbal Hand wash	
14	0845PY191016	ARPAN BATHORE	Ms Parul Vashtev	Preparation and evaluation of Herbal antibiotic Tablet	
15	0845PY191018	AYUSHI PATEL	Mr Kuldeep Vichitkar	Formulation of herbal hand sanitizer	
16	0845PY191019	BAIBHAV RAJ	Mr Kuldeep Vichitkar	Formulation of herbal hand sanitizer	
17	0845PY191020	BALRAM RAJPUT	Dr Gurmeet Chabra	Formulation	
18	0845PY191021	BIAGYASHREE YADAV	Dr Ritesh Patel	Formulation of Herbal Chocolate Using Sitopaladi for Treating Cough & Cold	
19	0845PY191022	DEEPAK YADAV	Ms Rajany Shanta	Life with Nutraceuticals: A Market Survey	

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20	0845PY191023	DIHANANJAY TANWAR	Ms Shivangi Patidar	Formulation and evaluation of skin whitening cream with sunscreen factor	
21	0845PY191024	DIPENDRA SINGH CHOLHAN	Mr Kuldeep Vinchurkar	Formulation of herbal hand sanitizer	Wk
22	0845PY191025	DURGESH SHARMA	Ms Nisha Retrickar	Preparation and evaluation of Herbal Toothpaste Tablet	Wk
23	0845PY191026	FATEMA KUKSHIWALA	Ms Anni Majumdar	Formulation & evaluation of Herbal Gel for the treatment of dark circle	Wk
24	0845PY191027	GARIMA VYAS	Dr Rutish Patel	Formulation of Herbal Chocolate Using Sitopaladi for Treating Cough & Cold	Wk
25	0845PY191028	GAYATRI PATIL	Mr Dushan Jamindar	Formulation and characterization of herbal hair oil for alopecia	Wk
26	0845PY191029	HIMANI DUBEY	Mr Kuldeep Vinchurkar	Formulation of herbal hand sanitizer	Wk
27	0845PY191030	HITESH WARKE	Ms Neelima Mandloi		
28	0845PY191031	HRITHIK RACHUWANSHI	Dr Gurneet Chabra	Formulation of face cream	Wk
29	0845PY191032	JAHEER PATEL	Ms Shivangi Patidar	Formulation and evaluation of skin whitening cream with sunscreen factor	
30	0845PY191033	JATIN GURNANI	Ms Neelima Mandloi	Preparation and evaluation of Herbal antibiotic Tablet	Wk
31	0845PY191034	JATIN KUSHIYA	Ms Shivangi Patidar	Formulation and evaluation of skin whitening cream with sunscreen factor	Wk
32	0845PY191035	KANAK BHARDWAJ	Dr Prateek Paliwal	Formulation of health drink	Wk
33	0845PY191036	KARAN PAKAR	Dr Rajesh Gauran	Survey on awareness perception and extent of usage of nutraceutical and dietary supplement in market and daily life	Wk
34	0845PY191037	KARAN SINGH NIALA	Ms Anni Majumdar	Formulation & evaluation of Herbal Gel for the treatment of dark circle	Wk
35	0845PY191038	KHUSHAL BHILOTIYA	Mr Dushan Jamindar	Formulation and characterization of herbal hair oil for alopecia	Wk
36	0845PY191039	KRISHINA	Dr Nadeem Farooqi	Formulation of hand sanitizer	Wk
37	0845PY191040	KUNAL RAI	Mr Gaurav Agarwal	Formulation of Herbal Chocolate Using Sitopaladi for Treating Cough & Cold	
38	0845PY191042	LOKESH GEHLOT	Mr Dushan Jamindar	Formulation and characterization of herbal hair oil for alopecia	Wk
39	0845PY191043	MANASVI DUBEY	Ms Neelima Mandloi	Preparation and evaluation of Herbal antibiotic Tablet	Wk
40	0845PY191044	MARISHA VERMA	Mr Gaurav Sarodia	Survey on Green Chemistry	Wk
41	0845PY191045	MAYURI PATEL	Dr Rajesh Gauran	Survey on awareness perception and extent of usage of nutraceutical and dietary supplement in market and daily life	Wk
42	0845PY191046	MEGHIRAJ NIGODIYA	Ms Anni Majumdar	Formulation & evaluation of Herbal Gel for the treatment of dark circle	Wk



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 Register - Under UGT 201

Sl. No.	Enrollment Number	Name of the Candidate	Name of Guide	Topic	SIGN
43	0845PY191047	MOHAN	Mr Gaurav Sarodia	Market survey of cosmetics coloring medication purpose	
44	0845PY191049	MOHAMMAD ARSHAD	Ms Medhira Mandloi		
45	0845PY191050	MOHIT SOLANKI	Ms Seleni Yadav	Comparative ADMET studies using different open source software of nutraceuticals	
46	0845PY191051	MUKESH PAWAR	Ms Nisha Retekar	Preparation and evaluation of Herbal Toothpaste Tablet	
47	0845PY191052	NAYAN JOSHI	Ms Yashu Chaurasiya	Formulation of nutraceutical chyanprash	
48	0845PY191053	NEHA TIRKEY	Dr Vinod Patil	Formulation of health drink	
49	0845PY191054	NITESH PATIDAR	Mr Gaurav Agrawal	Formulation of Herbal Chocolate Using Steviolad for Treating Cough & Cold	
50	0845PY191055	PANKAJ PANWAR	Ms Naveen Sharma	Life with Nutraceutical: A Market Survey	
51	0845PY191056	PARUL BHOZIYA	Dr Rupesh Gauran	Survey on awareness perception and extent of usage of nutraceutical and dietary supplement in market and daily life	
52	0845PY191057	PANAN DAMNIYA	Ms Medhira Mandloi		
53	0845PY191058	PAWAN PATIDAR	Ms Neelima Mandloi		
54	0845PY191059	PRAHARAKAR	Mr Sandip Patil	Review on spine ground	
55	0845PY191060	PRACHI BOREKAR	Mr Gaurav Sarodia	Statistics of Lead structure	
56	0845PY191061	PRADHYUM PATEL	Dr Naveen Gauran	Formulation of hand sanitizer	
57	0845PY191062	PRADHYUM RAWAT	Ms Yashu Chaurasiya	Formulation of nutraceutical chyanprash	
58	0845PY191063	PRAGYA PRAJAPATI	Dr Rupesh Gauran	Survey on awareness perception and extent of usage of nutraceutical and dietary supplement in market and daily life	
59	0845PY191064	PRASHANT KUMAR JAISWAL	Ms Seleni Yadav	Comparative ADMET studies using different open source software of nutraceuticals	
60	0845PY191065	PRATEEK RAJWAL	Mr Rakhej Vachurkar	Formulation of herbal hand sanitizer	
61	0845PY191066	RADHIKA BANS	Mr Rohit Sahu	Formulation of Herbal hand wash	
62	0845PY191067	RAHUL SINGH RAJPUT	Dr Gurneet Chabra	Formulation of face cream	
63	0845PY191068	RAJESH PANWAR	Ms Naveen Sharma	Life with Nutraceutical: A Market Survey	
64	0845PY191069	RAJKUMAR SEN	Mr Gaurav Sarodia	Statistics of random reaction utilized for drug discovery	
65	0845PY191070	RAVI SOLANKI	Pradhyum		
66	0845PY191071	ROHIT LOVEVANSHI	Mr Sandip Patil	Review on spine ground	
	0845PY191072	ROUNAB BISWAS	Dr Anika Bishi	Market survey on growth of usage nutraceutical worldwide	



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68	0845PY191073	RUQAIYA DEWAS WALA	Ms Nayany Sharma	Life with Nutraceutical: A Market Survey	
69	0845PY191074	SACHCHIDANAND KUSHWAH	Mr Gaurav Sansodia	Status of Biotech product penetration in Indian market	
70	0845PY191075	SACHIN CHOUBHAN	Ms Shivangi Patidar	Formulation and evaluation of skin whitening cream with sunscreen factor	
71	0845PY191076	SAGAR CHOUHARY	Ms Sakshi Yadav	Comparative ADMET studies using different open source software of nutraceuticals	
72	0845PY191077	SAKINA RAMPURA WALA	Ms Sakshi Yadav	Comparative ADMET studies using different open source software of nutraceuticals	
73	0845PY191078	SANKET YAWATKAR	Ms Deepika Bhavsar	Preparation and evaluation of Herbal Soap	
74	0845PY191079	SHALEKH SAIKH	Dr Rupesh Goutam	Survey on awareness perception and extent of usage of nutraceutical and dietary supplement in market and daily life	
75	0845PY191080	SHASHI RANJAN SINGH	Mr Rishi Sahu	Formulation of Herbal hand wash	
76	0845PY191081	SHEETAL PATIL	Mrs Aarti Majumdar	Formulation & evaluation of Herbal Gel for the treatment of dark circle	
77	0845PY191082	SHIVAM BISEN	Dr Nadeem Farooqui	Formulation of hand sanitizer	
78	0845PY191083	SHIVAM PATEL	Ms Pankaj Vishnav	Preparation and evaluation of Herbal antidiabetic Tablet	
79	0845PY191084	SHIVANI PRAJAPATI	Mrs Deepika Bhavsar	Preparation and evaluation of Herbal Soap	
80	0845PY191085	SHIVANI THAKUR	Mr Gaurav Agarwal	Formulation of Herbal Chocolate Using Sitopaladi for Treating Cough & Cold	
81	0845PY191086	SHIVSAGAR DOGAYA	Dr Rupesh Goutam	Survey on awareness perception and extent of usage of nutraceutical and dietary supplement in market and daily life	
82	0845PY191087	SIMRAN SONI	Dr Pritesh Pathwal	Formulation of health drink	
83	0845PY191088	SOURABJI PATIDAR	Dr Rekha Bishu	Market survey on growth of usage of nutraceuticals worldwide	
84	0845PY191089	SOURAV PATIDAR	Mr Sandip Paul	A review on spine guard	
85	0845PY191090	SWETA PARMAR	Mrs Deepika Bhavsar	Preparation and evaluation of Herbal Soap	
86	0845PY191091	TANUSHREE PATIDAR	Dr Ritesh Patel	Formulation of Herbal Chocolate Using Sitopaladi for Treating Cough & Cold	
87	0845PY191092	UDESH PAWAR	Ms Anita Patidar	Nutraceuticals	
88	0845PY191093	VAISHNAVI MALVIYA	Mrs Anil Majumdar	Formulation & evaluation of Herbal Gel for the treatment of dark circle	
89	0845PY191095	VANSHI VERMA	Mrs Shivangi Patidar	Formulation and evaluation of skin whitening cream with sunscreen factor	
90	0845PY191097	VINAY CHOUBHAN	Dr Rekha Bishu	Market survey on growth of usage of nutraceuticals worldwide	
91	0845PY191098	VINAY THAKUR	Dr Rekha Bishu	Market survey on growth of usage of nutraceuticals worldwide	
92	0845PY191099	VISHAL ADHIKARI	Mrs Shivangi Patidar	Formulation and evaluation of skin whitening cream with sunscreen factor	
93	0845PY191100	VISHAL CHOYAL	Mrs Deepika Bhavsar	Preparation and evaluation of Herbal Soap	
94	0845PY191101	VIVEK DWIVEDI	Dr Nadeem Farooqui	Formulation of hand sanitizer	
95	0845PY191102	YASHI SHARMA	PV Mrs Jayal Vaghav	Preparation and evaluation of Herbal antidiabetic Tablet	
96	0845PY191103	YASHI JAIN	Mr Darshan Janindar	Formulation and characterization of herbal oil for alopecia	
	0845PY191104	YOGITA PATIDAR	Mrs Nayany Sharma	Life with Nutraceutical: A Market Survey	
	0845PY2035D01	ARSHI MANSURI	Ms Nisha Beteekar	Preparation and evaluation of Herbal Toothpaste Tablet	

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Register - Under UST, 2011

99	0845PY203D02	MAHAK RATHORE	Mr Sandip Patel	Review on spine guard	
100	0845PY203D03	POOJA CHOUHARY	Mr Rohit Saini	Formulation of Herbal hand wash	
101	0845PY203D04	PRITAM ADHEKARY	Mr Dushan Jaminda	Formulation and characterization of herbal hair oil for treatment of alopecia	
102	0845PY203D05	SHIVANI	Mr Geetav Agarwal	Herbal chocolate of sitopaladi.	
103	0845PY203D06	SHIVANI JOSHI	Dr-Garnect Chabra	Formulation of face cream	
104	0845PY203D07	SHIVANI PATIDAR	Dr Nadeem Farooqui	Formulation of hand sanitizer	
105	0845PY203D08	SHRADHA SULE	Dr Rishi Patel	Formulation of Herbal Chocolate Using Sitopaladi for Treating Cough & Cold	
106	0845PY203D09	VAISHNAVI PATIDAR	Mr Sandip Patel	Review on spine guard	

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IIP, Indore



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P



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Register - Under UGT 205

Preparation and evaluation of Sunscreen



A PROJECT REPORT SUBMITTED TO
RAJY GANDHI PROR DYOGINI VISHWA VIDYALAYA, BHOPAL
TOWARDS PARTIAL FULFILMENT OF THE REQUIREMENT FOR
AWARD OF THE DEGREE OF
BACHELOR OF PHARMACY
2022-2023

Submitted by
Vishal Adhikari
0845PY191099


Principal
Indore Institute of Pharmacy

Supervised by
Mrs. Shivangi Patidar
Associate Professor




Principal
Indore Institute of Pharmacy,
INDORE (M.P.)

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Register - Under UST, 2011

Preparation of Herbal Tea For Lowering blood Cholesterol, High Blood Pressure
And Purifying Blood



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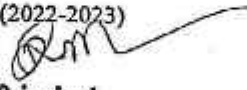
Preparation of Herbal Tea For Lowering blood Cholesterol, High Blood Pressure And Purifying Blood



A PROJECT REPORT SUBMITTED TORAJIVGANDHI PROUDYOGIC
VISHWAVIDYALAYA, BHOPAL TOWARDS PARTIAL
FULFILLMENT OF THE REQUIREMENT FOR AWARD OF THE
DEGREE OF BACHELORS OF PHARMACY

(2022-2023)

SUBMITTED BY:
Rajkumar Sen
0845PY191069


Principal
Indore Institute of Pharmacy

SUPERVISED BY:
Mr. Gaurav Sarsodia
Assistant Professor, IIP

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Principal
Indore Institute of Pharmacy,
INDORE (M.P.)

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**Indore Institute of
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Affiliated to - ADP (Pharm) | Approved by - AICTE (New Delhi) & PCI (New Delhi)
Register - Under UST, 2011

Formation of Herbal Lip Balm

Formulation Of Herbal lip Balm



**A PROJECT REPORT SUBMITTED
TORAJIVGANDHI PROUDYOGIC
VISHWAVIDYALAYA, BHOPAL TOWRADS
PARTIAL FULFILLMENT OF THE REQUIREMENT
FOR AWARD OF THE DEGREE OF BACHELORE OF
PHARMACY**

(2022-2023)

Principal
Indore Institute of Pharmacy

SUBMITTED BY:

**Ravi Solanki
0845PY191070**

SUPERVISED BY:

**Miss. Neelima Mandloi
Assistant Professor IIP**



Principal
Indore Institute of Pharmacy,
INDORE (M.P.)

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INDORE INSTITUTE OF PHARMACY,
Pithampur Road, Opp IIM, Rau, Indore 453331

**FORMULATION OF HERBAL SHITOPALADI
DARK CHOCOLATE FOR COUGH AND COLD**



**A PROJECT REPORT SUBMITTED TO
RAJIVGANDHI PROUDYOGIKI VISHWAVIDYALAYA, BHOPAL
TOWARDS PARTIAL FULFILLMENT OF THE REQUIREMENT FOR
AWARD OF THE DEGREE OF
BACHELOR OF PHARMACY
2022-2023**

Submitted by
Shivkant Badole
0841PY191077


Principal
Indore Institute of Pharmacy

Supervised by
Dr. Ritesh Patel
(Associate Professor)




Principal
Indore Institute of Pharmacy,
INDORE (M.P.)

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**Indore Institute of
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Register - Under UGC-2019

BRIEF STUDY & FORMULATION OF NUTRACEUTICAL (CHYAWANPRASH)



A PROJECT REPORT SUBMITTED TO
RAJIVGANDHI PROUDYOGIKI VISHWAVIDYALAYA, BHOPAL
TOWARDS PARTIAL FULFILLMENT OF THE REQUIREMENT FOR
AWARD OF THE DEGREE OF
BACHELOR OF PHARMACY
2022-2023

Principal
Indore Institute of Pharmacy

Submitted by
Aastha Jaiswal
0845PY191001

Supervised by
Ms. Yashu Chourasiya
Assistant Professor



Principal
Indore Institute of Pharmacy,
INDORE (M.P.)

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Register - Under UGC-2019

Formulation of Herbal Energy Drink



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Pithampur Road, Opp IIM, Rau, Indore 453331

Formulation of Herbal Energy Drink



A PROJECT REPORT SUBMITTED TO
RAJIV GANDHI PROUDYOGIKI VISHWAVIDYALAYA, BHOPAL
TOWARDS PARTIAL FULFILLMENT OF THE REQUIREMENT FOR
AWARD OF THE DEGREE OF
BACHELOR OF
PHARMACY 2022-2023

Principal
Indore Institute of Pharmacy

Submitted By
Aayushi Arora
0845PY191002

Guided By
Dr. Pritesh Paliwal
HOD & Professor



Principal
Indore Institute of Pharmacy,
INDORE (M.P.)



**Indore Institute of
Pharmacy**

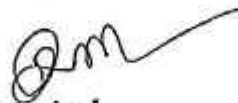
Affiliated to - BPPV(Bhopal) | Approved by - AICTE(New Delhi) & PCCHEW(Delhi)
Register - Under UGC-2019

PROJECT
Gel Based Sanitizer With Goodness of Herbs




**PROJECT REPORT SUBMITTED TO
RAJIVGANDHI PROUDYOGIKI VISHWAVIDYALAYA,
BHOPAL
TOWARDS PARTIAL FULFILLMENT OF THE
REQUIREMENT FOR AWARD OF THE DEGREE OF
BACHELOR OF PHARMACY
2022-2023**

**Submitted by
Prateek Raiwal
0845PY191065**


**Principal
Indore Institute of Pharmacy**

**Supervised by
Mr. Kuldeep Vinchurkar**




**Principal
Indore Institute of Pharmacy,
INDORE (M.P.)**

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Register - Under UGC-2019



INDORE INSTITUTE OF PHARMACY
Pithampur Road, Opp IIM, Rau, Indore 453331

Formulation of polyherbal face cream



A PROJECT REPORT SUBMITTED TO RAJIVGANDHI
PROUDYOGIKI VISHWAVIDYALAYA, BHOPAL

TOWARDS PARTIAL FULFILLMENT OF THE REQUIREMENT
FOR AWARD OF THE DEGREE OF

BACHELOR OF
PHARMACY 2022-2023

Submitted by

Rahul Singh Rajput

Roll No:0845PY191067

Principal

Indore Institute of Pharmacy

Supervised by

Dr. Gurmeet Chhabra

Professor



Principal
Indore Institute of Pharmacy,
INDORE (M.P.)



Indore Institute of Pharmacy

Affiliated to - RGPV(Bhopal) | Approved by - AICTE(New Delhi) & PCCHE(Delhi)
Register - Under UGC-2019

Survey on awareness perception & extent of usage of nutraceuticals and dietary supplements



Indore Institute of Pharmacy

Affiliated to - RGPV(Bhopal) & Approved by - AICTE(New Delhi) & PCCHE(Delhi)

**SURVEY ON AWARENESS, PERCEPTION & EXTENT OF
USAGE OF NUTRACEUTICAL AND DIETARY
SUPPLEMENT IN MARKET AND DAILY LIFE.**



**A PROJECT REPORT SUBMITTED TO RAJIVGANDHI
PROUDYOGIC VISHWAVIDYALAYA, BHOPAL TOWARDS
PARTIAL FULFILLMENT OF THE REQUIREMENT FOR AWARD OF
THE DEGREE OF BACHELORE OF PHARMACY**

(2022-2023)

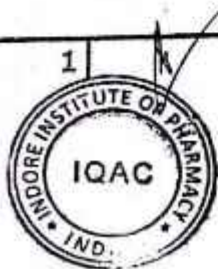
SUBMITTED BY:

Shivsagar Dogaya

SUPERVISED BY:

Dr. Rupesh K. Gautam

Principal
Indore Institute of Pharmacy



Indore Institute of Pharmacy

Principal
Indore Institute of Pharmacy.
INDORE (M.P.)

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Register - Under UGC-2019

Formulation of Herbal Energy Drink



INDORE INSTITUTE OF PHARMACY
Pithampur Road, Opp IIM, Rau, Indore 453331

Formulation of Herbal Energy Drink



A PROJECT REPORT SUBMITTED TO
RAJIV GANDHI PROUDYOGIKI VISHWAVIDYALAYA, BHOPAL
TOWARDS PARTIAL FULFILLMENT OF THE REQUIREMENT FOR
AWARD OF THE DEGREE OF
BACHELOR OF
PHARMACY 2022-2023

Submitted By
Simran Soni
0845PY191087

Principal
Indore Institute of Pharmacy

Guided By
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HOD & Professor



Principal
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A MARKET SURVEY ON NEUTRACEUTICALS



**A PROJECT REPORT SUBMITTED TO
RAJIVGANDHI PROUDYOGIKI VISHWAVIDYALAYA, BHOPAL
TOWARDS PARTIAL FULFILLMENT OF THE REQUIREMENT FOR
AWARD OF THE DEGREE OF
BACHELOR OF PHARMACY
2022-2023**

Submitted by
Sourabh Patidar
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**FORMULATION AND EVALUATION OF
ANTI DARK CIRCLE GEL**



**A PROJECT REPORT SUBMITTED TO
RAJIVGANDHI PROUDYOGIKI VISHWAVIDYALAYA, BHOPAL
TOWARDS PARTIAL FULFILLMENT OF THE REQUIREMENT FOR
AWARD OF THE DEGREE OF
BACHELOR OF PHARMACY
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FORMULATION AND EVALUATION OF SUNSCREEN



**A PROJECT REPORT SUBMITTED TO RAJIVGANDHI
PROUDYOGIKI VISHWAVIDYALAYA, BHOPAL
TOWARDS PARTIAL FULFILLMENT OF THE REQUIREMENT FOR
AWARD OF THE DEGREE OF
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Formation of Herbal Lip Balm

Formulation Of Herbal lip Balm



A PROJECT REPORT SUBMITTED TO
RAJIVGANDHI PROUDYOGIC
VISHWAVIDYALAYA, BHOPAL TOWRADS
PARTIAL FULFILLMENT OF THE REQUIREMENT
FOR AWARD OF THE DEGREE OF BACHELORE OF
PHARMACY

(2022-2023)

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SUBMITTED BY:

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Ms. Neelima Mandloi

Assistant Professor IIP



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NEUTRACEUTICAL IMPACT ON HEALTH CARE SYSTEM



PROJECT WORK REPORT SUBMITTED RAJIVGANDHI
PROUDYOGIKI VISHWAVIDYALAYA, BHOPAL
TOWARDS PARTIAL FULFILLMENT OF THE
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BACHELOR OF
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**FORMULATION OF POLYHERBAL FACE
CREAM**



**A PROJECT REPORT SUBMITTED TO RAJIVGANDHI
PROUDYOGIKI VISHWAVIDYALAYA, BHOPAL
TOWARDS PARTIAL FULFILLMENT OF THE REQUIREMENT
FOR AWARD OF THE DEGREE OF
BACHELOR OF
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**SUBMITTED BY:-HRITHIK
RAGHUWANSHI**

**SUPERVISED BY:- Dr.GURMEET CHHABRA
(PROFESSOR)**


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Formulation And Evaluation of Herbal Lip Balm



**A PROJECT REPORT SUBMITTED TO
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TOWARDS PARTIAL FULFILLMENT OF THE REQUIREMENT FOR
AWARD OF THE DEGREE OF
BACHELOR OF PHARMACY
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**Submitted by
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PROJECT

Gel Based Sanitizer With Goodness of Herbs



PROJECT REPORT SUBMITTED TO
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BHOPAL
TOWARDS PARTIAL FULFILLMENT OF THE
REQUIREMENT FOR AWARD OF THE DEGREE OF
BACHELOR OF PHARMACY
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PREPARATION AND EVALUATION OF HERBAL HAIR OIL



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**PREPARATION AND EVALUATION OF
HERBAL HAIR OIL**

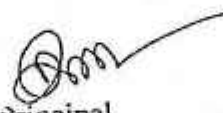


**A MAJOR PROJECT REPORT SUBMITTED TO RAJIVGANDHI
PROUDYOGIC VISHWAVIDYALAYA, BHOPAL TOWARDS
PARTIAL FULFILLMENT OF THE REQUIREMENT FOR AWARD OF
THE DEGREE OF BACHELOR OF PHARMACY**

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SUBMITTED BY:

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SUPERVISED BY:

MR. DARSHAN JAMINDAR



Indore Institute of Pharmacy


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INDORE (M.P.)



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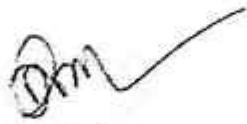
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Pithampur Road, Opp IIM, Rau, Indore 453331

**FORMULATION OF HERBAL SHITOPALADI
DARK CHOCOLATE FOR COUGH AND COLD**




A PROJECT REPORT SUBMITTED TO
RAJIVGANDHI PROUDYOGIKI VISHWAVIDYALAYA, BHOPAL
TOWARDS PARTIAL FULFILLMENT OF THE REQUIREMENT FOR
AWARD OF THE DEGREE OF
BACHELOR OF PHARMACY
2022-2023

Submitted by
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145PY191027


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INDORE (M.P.)

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"FORMULATION AND EVALUATION OF HERBAL HAND WASH"



A PROJECT REPORT ON SUBMITTED TO
RAJIVGANDHI PROUDYOGIKI VISHWAVIDYALAYA, BHOPAL
TOWARDS PARTIAL FULFILLMENT OF THE REQUIREMENT FOR
AWARD OF THE DEGREE OF
BACHELOR OF PHARMACY
2022-2023

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**FORMULATION OF POLYHERBAL FACE
CREAM**



**A PROJECT REPORT SUBMITTED TO RAJIVGANDHI
PROUDYOGIKI VISHWAVIDYALAYA, BHOPAL
TOWARDS PARTIAL FULFILLMENT OF THE REQUIREMENT
FOR AWARD OF THE DEGREE OF**

**BACHELOR OF
PHARMACY 2022-2023**

SUBMITTED BY:- AMAN THAKUR

**SUPERVISED BY:- Dr. GURMEET CHHABRA
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**BRIEF STUDY AND FORMULATION OF
NUTRACEUTICAL (CHYAWANPRASH)**



A PROJECT REPORT SUBMITTED TO
RAJIVGANDHI PROUDYOGIKI VISHWAVIDYALAYA, BHOPAL
TOWARDS PARTIAL FULFILLMENT OF THE REQUIREMENT FOR AWARD
OF THE DEGREE OF
BACHELOR OF PHARMACY
2022-2023

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Principal 127
Indore Institute of Pharmacy,
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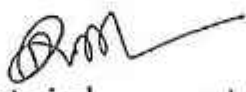
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“FORMULATION AND EVULATION OF HERBAL HAND WASH”



**A PROJECT REPORT ON SUBMITTED TO
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TOWARDS PARTIAL FULFILLMENT OF THE REQUIREMENT FOR
AWARD OF THE DEGREE OF
BACHELOR OF PHARMACY
2022-2023**

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**Moringa Leaves Extract for The Management of
Malnutrition**



**A PROJECT REPORT SUBMITTED TO
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OF THE DEGREE OF
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2022-2023**

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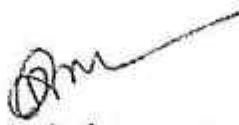
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A MARKET SURVEY ON NEUTRACEUTICALS

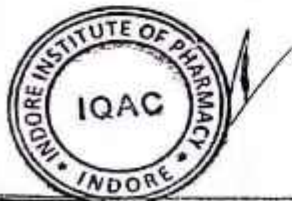


**A PROJECT REPORT SUBMITTED TO
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TOWARDS PARTIAL FULFILLMENT OF THE REQUIREMENT FOR
AWARD OF THE DEGREE OF
BACHELOR OF
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**Submitted by
Abhishek Shukla
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**Guided by
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Formulation of Herbal Energy Drink

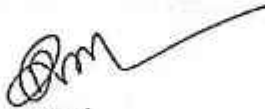


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Formulation of Herbal Energy Drink



A PROJECT REPORT SUBMITTED TO
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TOWARDS PARTIAL FULFILLMENT OF THE REQUIREMENT FOR
AWARD OF THE DEGREE OF
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**LIFE WITH
NUTRACEUTICALS & DIETRY
SUPPLEMENT:
A MARKET SURVEY**



**A PROJECT REPORT SUBMITTED TO
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TOWARDS PARTIAL FULFILLMENT OF THE REQUIREMENT FOR
AWARD OF THE DEGREE OF
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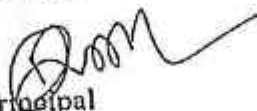


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FORMULATION AND EVALUATION OF SUNSCREEN



A PROJECT REPORT SUBMITTED TO
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TOWARDS PARTIAL FULFILLMENT OF THE REQUIREMENT FOR
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2022-2023


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PROJECT
Gel Based Sanitizer With Goodness of Herbs



**PROJECT REPORT SUBMITTED TO
RAJIVGANDHI PROUDYOGIKI VISHWAVIDYALAYA,
BHOPAL
TOWARDS PARTIAL FULFILLMENT OF THE
REQUIREMENT FOR AWARD OF THE DEGREE OF
BACHELOR OF PHARMACY
2022-2023**

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NEUTRACEUTICAL IMPACT ON HEALTH CARE SYSTEM



PROJECT WORK REPORT SUBMITTED RAJIVGANDHI
PROUDYOGIKI VISHWAVIDYALAYA, BHOPAL
TOWARDS PARTIAL FULFILLMENT OF THE
REQUIREMENT FORWARD OF THE DEGREE OF
BACHELOR OF
PHARMACY 2019-2023

Submitted by
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FORMULATION AND EVALUATION OF ANTI DARK CIRCLE GEL



A PROJECT REPORT SUBMITTED TO
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TOWARDS PARTIAL FULFILLMENT OF THE REQUIREMENT FOR
AWARD OF THE DEGREE OF
BACHELOR OF PHARMACY
2022-2023

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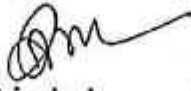
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FORMULATION AND EVALUATION OF POLYHERBAL SOAP



**A PROJECT REPORT SUBMITTED TO
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TOWARDS PARTIAL FULFILLMENT OF THE REQUIREMENT FOR
AWARD OF THE DEGREE OF
BACHELOR OF PHARMACY
2022-2023**

Submitted by
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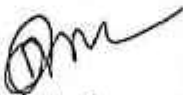
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**FUTURE PROSPECTIVE OF 3D
PRINTING TECHNOLOGY IN COSMETICS
“A LITERATURE REVIEW”**



**A PROJECT REPORT SUBMITTED TO
RAJIVGANDHI PROUDYOGIKI VISHWAVIDYALAYA, BHOPAL
TOWARDS PARTIAL FULFILLMENT OF THE REQUIREMENT FOR
AWARD OF THE DEGREE OF
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2019-2023**

Submitted by
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**"DEVELOPMENT OF THE PAIN RELIEF ROLL-ON FOR
THE MANAGEMENT OF MENSTRUAL CRAMPS."**



**A PROJECT REPORT SUBMITTED TO RAJIVGANDHI
PROUDYOGIKI VISHWAVIDYALAYA, BHOPAL TOWARDS PARTIAL
FULFILLMENT OF THE REQUIREMENT FOR AWARD OF THE
DEGREE OF BACHELOR OF PHARMACY**

2022-2023

SUBMITTED BY: Principal
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Arpan Rathore
0845PY191016

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Ms. Neelima Mandloi



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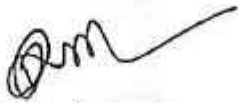
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PROJECT
Gel Based Sanitizer With Goodness of Herbs




**PROJECT REPORT SUBMITTED TO
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BHOPAL
TOWARDS PARTIAL FULFILLMENT OF THE
REQUIREMENT FOR AWARD OF THE DEGREE OF
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2022-2023**

**Submitted by
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0845PY191018**


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**Supervised by
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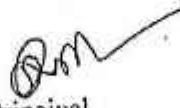
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Formulation of polyherbal face cream



A PROJECT REPORT SUBMITTED TO RAJIVGANDHI
PROUDYOGIKI VISHWAVIDYALAYA, BHOPAL
TOWARDS PARTIAL FULFILLMENT OF THE REQUIREMENT
FOR AWARD OF THE DEGREE OF
BACHELOR OF
PHARMACY 2022-2023

Submitted by


Principal
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Roll No:0845PY191020

Supervised by


Dr. Gurmeet Chhabra
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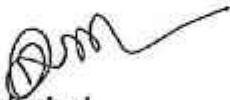
INDORE INSTITUTE OF PHARMACY
Pithampur Road, Opp IIM, Rau, Indore-453331

**FORMULATION OF HERBAL SHITOPALADI
DARK CHOCOLATE FOR COUGH AND COLD**



**A PROJECT REPORT SUBMITTED TO
RAJIVGANDHI PROUDYOGIKI VISHWAVIDYALAYA, BHOPAL
TOWARDS PARTIAL FULFILLMENT OF THE REQUIREMENT FOR
AWARD OF THE DEGREE OF
BACHELOR OF PHARMACY
2022-2023**

Submitted by
Bhagyashee Yadav
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NEUTRACEUTICAL: A BOON FOR HUMAN HEALTHCARE



PROJECT WORK REPORT SUBMITTED RAJIVGANDHI
PROUDYOGIKI VISHWAVIDYALAYA, BHOPAL
TOWARDS PARTIAL FULFILLMENT OF THE
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BACHELOR OF PHARMACY
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Pithampur Road, Opp IIM, Rau, Indore 453331

**FORMULATION OF HERBAL SHITOPALADI
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**A PROJECT REPORT SUBMITTED TO
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TOWARDS PARTIAL FULFILLMENT OF THE REQUIREMENT FOR
AWARD OF THE DEGREE OF
BACHELOR OF PHARMACY
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FORMULATION AND EVALUATION OF POLYHERBAL SOAP



**A PROJECT REPORT SUBMITTED TO
RAJIVGANDHI PROUDYOGIKI VISHWAVIDYALAYA, BHOPAL
TOWARDS PARTIAL FULFILLMENT OF THE REQUIREMENT FOR
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Register - Under UGC-2019

A REVIEW ON SPINE GOURD
(MOMORDICA DIOICA)



**A PROJECT REPORT SUBMITTED TO RAJIVGANDHI
PROUDYOGIKI VISHWAVIDYALAYA, BHOPAL
TOWARDS PARTIAL FULFILLMENT OF THE REQUIREMENT
FOR AWARD OF THE DEGREE OF**


**• BACHELOR OF
PHARMACY 2022-2023**

Submitted by

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**FORMULATION AND EVALUATION OF
ANTI DARK CIRCLE GEL**



A PROJECT REPORT SUBMITTED TO
RAJIVGANDHI PROUDYOGIKI VISHWAVIDYALAYA, BHOPAL
TOWARDS PARTIAL FULFILLMENT OF THE REQUIREMENT FOR
AWARD OF THE DEGREE OF
BACHELOR OF PHARMACY
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**LIFE WITH
NUTRACEUTICALS & DIETRY
SUPPLEMENT:
A MARKET SURVEY**



**A PROJECT REPORT SUBMITTED TO
RAJIVGANDHI PROUDYOGIKI VISHWAVIDYALAYA, BHOPAL
TOWARDS PARTIAL FULFILLMENT OF THE REQUIREMENT FOR
AWARD OF THE DEGREE OF
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Plithampur Road, Opp IIM, Rau, Indore 453331

NEUTRACEUTICALS



A PROJECT REPORT SUBMITTED TO
RAJIVGANDHI PROUDYOGIKI VISHWAVIDYALAYA, BHOPAL
TOWARDS PARTIAL FULFILLMENT OF THE REQUIREMENT FOR
AWARD OF THE DEGREE OF
BACHELOR OF PHARMACY
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Pharmacy**

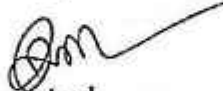
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Register - Under UGC-2003

"FORMULATION AND EVALUATION OF HERBAL HAND WASH"



**A PROJECT REPORT ON SUBMITTED TO
RAJIVGANDHI PROUDYOGIKI VISHWAVIDYALAYA, BHOPAL
TOWARDS PARTIAL FULFILLMENT OF THE REQUIREMENT FOR
AWARD OF THE DEGREE OF
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Register - Under UGC-2019

COMPARTIVE INSILICO ADMET STUDIES OF NUTRACEUTICALS



A PROJECT REPORT SUBMITTED TO
RAJIVGANDHI PROUDYOGIKI VISHWA VIDYALAYA, BHOPAL
TOWARDS PARTIAL FULFILLMENT OF THE REQUIREMENT FOR
AWARD OF THE DEGREE OF
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2022-2023

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Preparation and evaluation of Sunscreen



A PROJECT REPORT SUBMITTED TO
RAJIVGANDHI PROUDYOGIKI VISHWAVIDYALAYA, BHOPAL
TOWARDS PARTIAL FULFILLMENT OF THE REQUIREMENT FOR
AWARD OF THE DEGREE OF
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Preparation of Herbal Tea For Lowering blood Cholestrol, High Blood Pressure
And Purifying Blood



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Affiliated to - ADPV(Bhopal) & Approved by - AICTE(New Delhi) & PCI(New Delhi)

**Preparation of Herbal Tea For Lowering blood
Cholestrol, High Blood Pressure And Purifying
Blood**



**A PROJECT REPORT SUBMITTED TORAJIVGANDHI PROUDYOGIC
VISHWAVIDYALAYA, BHOPAL TOWRADS PARTIAL
FULFILLMENT OF THE REQUIREMENT FOR AWARD OF THE
DEGREE OF BACHELORE OF PHARMACY**

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Register - Under UGC-2010

**LIFE WITH
NUTRACEUTICALS & DIETRY
SUPPLEMENT:
A MARKET SURVEY**



**A PROJECT REPORT SUBMITTED TO
RAJIVGANDHI PROUDYOGIKI VISHWAVIDYALAYA, BHOPAL
TOWARDS PARTIAL FULFILLMENT OF THE REQUIREMENT FOR
AWARD OF THE DEGREE OF
BACHELOR OF PHARMACY
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NEUTRACEUTICALS



**A PROJECT REPORT SUBMITTED TO
RAJIVGANDHI PROUDYOGIKI VISHWAVIDYALAYA, BHOPAL
TOWARDS PARTIAL FULFILLMENT OF THE REQUIREMENT FOR
AWARD OF THE DEGREE OF
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**Submitted by
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A REVIEW ON SPINE GOURD
(MOMORDICA DIOICA)



**A PROJECT REPORT SUBMITTED TO RAJIVGANDHI
PROUDYOGIKI VISHWAVIDYALAYA, BHOPAL
TOWARDS PARTIAL FULFILLMENT OF THE REQUIREMENT
FOR AWARD OF THE DEGREE OF
BACHELOR OF
PHARMACY 2022-2023**


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A REVIEW ON SPINE GOURD
(MOMORDICA DIOICA)



**A PROJECT REPORT SUBMITTED TO RAJIVGANDHI
PROUDYOGIKI VISHWAVIDYALAYA, BHOPAL
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BACHELOR OF
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Submitted by

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PATIDAR**

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**FORMULATION OF HERBAL SHITOPALADI
DARK CHOCOLATE FOR COUGH AND COLD**



**A PROJECT REPORT SUBMITTED TO
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TOWARDS PARTIAL FULFILLMENT OF THE REQUIREMENT FOR
AWARD OF THE DEGREE OF
BACHELOR OF PHARMACY
2022-2023**

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**Submitted by
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**A REVIEW ON "NATURAL
ANTIOXIDANT SOURCES AND ITS
HEALTH BENEFITS"**



**A PROJECT REPORT SUBMITTED TO
RAJIVGANDHI PROUDYOGIKI VISHWAVIDYALAYA, BHOPAL
TOWARDS PARTIAL FULFILLMENT OF THE REQUIREMENT FOR
AWARD OF THE DEGREE OF
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Submitted by
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Formulation of polyherbal face cream



A PROJECT REPORT SUBMITTED TO RAJIVGANDHI
PROUDYOGIKI VISHWAVIDYALAYA, BHOPAL TOWARDS
PARTIAL FULFILLMENT OF THE REQUIREMENT
FOR AWARD OF THE DEGREE OF
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A MARKET SURVEY ON NEUTRACEUTICALS



A PROJECT REPORT SUBMITTED TO
RAJIVGANDHI PROUDYOGIKI VISHWAVIDYALAYA, BHOPAL
TOWARDS PARTIAL FULFILLMENT OF THE REQUIREMENT FOR
AWARD OF THE DEGREE OF
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A REVIEW ON SPINE GOURD
(MOMORDICA DIOICA)



**A PROJECT REPORT SUBMITTED TO RAJIVGANDHI
PROUDYOGIKI VISHWAVIDYALAYA, BHOPAL
TOWARDS PARTIAL FULFILLMENT OF THE REQUIREMENT
FOR AWARD OF THE DEGREE OF
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Register - Under UGC-2019

Preparation of Herbal Tea For Lowering blood Cholestrol, High Blood Pressure
And Purifying Blood



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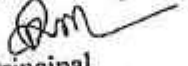
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**Preparation of Herbal Tea For Lowering blood
Cholestrol, High Blood Pressure And Purifying
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**A PROJECT REPORT SUBMITTED TORAJIVGANDHI PROUDYOGIC
VISHWAVIDYALAYA, BHOPAL TOWRADS PARTIAL
FULFILLMENT OF THE REQUIREMENT FOR AWARD OF THE
DEGREE OF BACHELORE OF PHARMACY**

(2022-2023)


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SUPERVISED BY:

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Register - Under UGC-2019



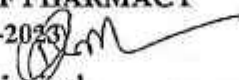
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Pithampur Road, Opp IIM, Rau, Indore 453331

**A REVIEW ON “NATURAL
ANTIOXIDANT SOURCES AND ITS
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**A PROJECT REPORT SUBMITTED TO
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TOWARDS PARTIAL FULFILLMENT OF THE REQUIREMENT FOR
AWARD OF THE DEGREE OF
BACHELOR OF PHARMACY**


2022-2023


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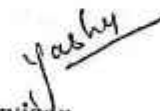
INDORE INSTITUTE OF PHARMACY
Pithampur Road, Opp IIM, Rau, Indore 453331

CERTIFICATE

This to certify that the project work entitled "Brief Study and Formulation of Nutraceutical (Chyawanprash)" submitted by "Pradhyum Rawat" to Rajiv Gandhi Proudhyogiki Vishwavidhyala, Bhopal, for partial fulfillment of the requirement for the award of the degree of Bachelor of Pharmacy, is a record of independent research/review work carried out by the student under my supervision. I also certify that this work or any part thereof has not been submitted earlier for the award of any other degree of this or any other university.




Principal
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Supervisor
Mrs. Yashu Chourasiya



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FORMULATION AND EVALUATION OF POLYHERBAL SOAP




A PROJECT REPORT SUBMITTED TO
RAJIVGANDHI PROUDYOGIKI VISHWAVIDYALAYA, BHOPAL
TOWARDS PARTIAL FULFILLMENT OF THE REQUIREMENT FOR
AWARD OF THE DEGREE OF
BACHELOR OF PHARMACY
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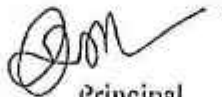
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**Moringa Leaves Extract for The Management of
Malnutrition**



**A PROJECT REPORT SUBMITTED TO
RAJIVGANDHI PROUDYOGIKI VISHWAVIDYALAYA, BHOPAL
TOWARDS PARTIAL FULFILLMENT OF THE REQUIREMENT FOR AWARD
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COMPARTIVE INSILICO ADMET STUDIES OF NUTRACEUTICALS



A PROJECT REPORT SUBMITTED TO
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TOWARDS PARTIAL FULFILLMENT OF THE REQUIREMENT FOR
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2022-2023

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**Indore Institute of
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Register - Under 1002.001)

Survey on awareness perception & extent of usage of nutraceuticals and dietary supplements



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**SURVEY ON AWARENESS, PERCEPTION & EXTENT OF
USAGE OF NUTRACEUTICAL AND DIETARY
SUPPLEMENT IN MARKET AND DAILY LIFE.**



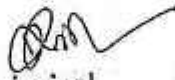
**A PROJECT REPORT SUBMITTED TO RAJIVGANDHI
PROUDYOGIC VISHWAVIDYALAYA, BHOPAL TOWARDS
PARTIAL FULFILLMENT OF THE REQUIREMENT FOR AWARD OF
THE DEGREE OF BACHELOR OF PHARMACY**

(2022-2023)

SUBMITTED BY:

Pragya Prajapati





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PREPARATION AND EVALUATION OF HERBAL HAIR OIL



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**PREPARATION AND EVALUATION OF
HERBAL HAIR OIL**



**A MAJOR PROJECT REPORT SUBMITTED TO RAJIVGANDHI
PROUDYOGIC VISHWAVIDYALAYA, BHOPAL TOWARDS
PARTIAL FULFILLMENT OF THE REQUIREMENT FOR AWARD OF
THE DEGREE OF BACHELOR OF PHARMACY**

(2022-2023)

SUBMITTED BY:

**YASHI JAIN
0845PY191103**

**Principal
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SUPERVISED BY:

MR. DARSHAN JAMINDAR



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INDORE (M.P.)**

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Register - Under UST, 2011



INDORE INSTITUTE OF PHARMACY
Pithampur Road, Opp IIM, Rau, Indore 453331

**" FORMULATION OF A PAIN RELIEF ROLL-ON FOR
THE MANAGEMENT OF MENSTRUAL CRAMPS."**



**A PROJECT REPORT SUBMITTED TO RAJIVGANDHI
PROUDYOGIKI VISHWAVIDYALAYA, BHOPAL TOWARDS PARTIAL
FULFILLMENT OF THE REQUIREMENT FOR AWARD OF THE
DEGREE OF BACHELOR OF PHARMACY**

2022-2023

SUBMITTED BY:

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Register - Under UST 20)

**A REVIEW ON "NATURAL
ANTIOXIDANT SOURCES AND ITS
HEALTH BENEFITS"**



**A PROJECT REPORT SUBMITTED TO
RAJIVGANDHI PROUDYOGIKI VISHWAVIDYALAYA, BHOPAL
TOWARDS PARTIAL FULFILLMENT OF THE REQUIREMENT FOR
AWARD OF THE DEGREE OF
BACHELOR OF PHARMACY
2022-2023**


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**Submitted by
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Register - Under UGT 205

"FORMULATION AND EVALUATION OF HERBAL HAND WASH"



A PROJECT REPORT ON SUBMITTED TO
RAJIVGANDHI PROUDYOGIKI VISHWAVIDYALAYA, BHOPAL
TOWARDS PARTIAL FULFILLMENT OF THE REQUIREMENT FOR
AWARD OF THE DEGREE OF
BACHELOR OF PHARMACY
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Submitted by:
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Register - Under UST, 2011

**A REVIEW ON "NATURAL
ANTIOXIDANT SOURCES AND ITS
HEALTH BENEFITS"**



**A PROJECT REPORT SUBMITTED TO
RAJIVGANDHI PROUDYOGIKI VISHWAVIDYALAYA, BHOPAL
TOWARDS PARTIAL FULFILLMENT OF THE REQUIREMENT FOR
AWARD OF THE DEGREE OF
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2022-2023**

Submitted by **Shivam bisen**
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**FORMULATION AND EVALUATION OF
ANTI DARK CIRCLE GEL**



**A PROJECT REPORT SUBMITTED TO
RAJIVGANDHI PROUDYOGIKI VISHWAVIDYALAYA, BHOPAL
TOWARDS PARTIAL FULFILLMENT OF THE REQUIREMENT FOR
AWARD OF THE DEGREE OF
BACHELOR OF PHARMACY
2022-2023**

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Submitted by
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**" FORMULATION OF A PAIN RELIEF ROLL-ON FOR
THE MANAGEMENT OF MENSTRUAL CRAMPS."**



**A PROJECT REPORT SUBMITTED TO RAJIVGANDHI
PROUDYOGIKI VISHWAVIDYALAYA, BHOPAL TOWARDS PARTIAL
FULFILLMENT OF THE REQUIREMENT FOR AWARD OF THE
DEGREE OF BACHELOR OF PHARMACY**

2022-2023

SUBMITTED BY:

Shivam Patel

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Register - Under UST, 2011

FORMULATION AND EVALUATION OF POLYHERBAL SOAP



A PROJECT REPORT SUBMITTED TO
RAJIVGANDHI PROUDYOGIKI VISHWAVIDYALAYA, BHOPAL
TOWARDS PARTIAL FULFILLMENT OF THE REQUIREMENT FOR
AWARD OF THE DEGREE OF
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**Indore Institute of
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Register - Under UST, 2011



INDORE INSTITUTE OF PHARMACY
Pithampur Road, Opp IIM, Rau, Indore 453331

FORMULATION AND EVALUATION OF POLYHERBAL SOAP



**A PROJECT REPORT SUBMITTED TO
RAJIVGANDHI PROUDYOGIKI VISHWAVIDYALAYA, BHOPAL
TOWARDS PARTIAL FULFILLMENT OF THE REQUIREMENT FOR
AWARD OF THE DEGREE OF
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**Indore Institute of
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Register - Under UST, 2011

FORMULATION AND EVALUATION OF POLYHERBAL SOAP



A PROJECT REPORT SUBMITTED TO
RAJIVGANDHI PROUDYOGIKI VISHWAVIDYALAYA, BHOPAL
TOWARDS PARTIAL FULFILLMENT OF THE REQUIREMENT FOR
AWARD OF THE DEGREE OF
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Register - Under UST 201

PREPARATION AND EVALUATION OF HERBAL HAIR OIL



**Indore Institute of
Pharmacy**

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**PREPARATION AND EVALUATION OF
HERBAL HAIR OIL**



**A MAJOR PROJECT REPORT SUBMITTED TO RAJIVGANDHI
PROUDYOGIC VISHWAVIDYALAYA, BHOPAL TOWARDS
PARTIAL FULFILLMENT OF THE REQUIREMENT FOR AWARD OF
THE DEGREE OF BACHELOR OF PHARMACY**

(2022-2023)

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A REVIEW ON “NATURAL ANTIOXIDANT SOURCES AND ITS HEALTH BENEFITS”

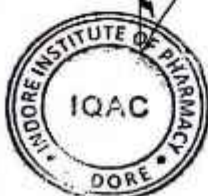


**A PROJECT REPORT SUBMITTED TO
RAJIVGANDHI PROUDYOGIKI VISHWAVIDYALAYA, BHOPAL
TOWARDS PARTIAL FULFILLMENT OF THE REQUIREMENT FOR
AWARD OF THE DEGREE OF
BACHELOR OF PHARMACY
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FORMULATION AND EVALUATION OF POLYHERBAL SOAP



A PROJECT REPORT SUBMITTED TO
RAJIVGANDHI PROUDYOGIKI VISHWAVIDYALAYA, BHOPAL
TOWARDS PARTIAL FULFILLMENT OF THE REQUIREMENT FOR
AWARD OF THE DEGREE OF
BACHELOR OF PHARMACY
2022-2023

Submitted by
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FORMULATION AND EVALUATION OF POLYHERBAL SOAP



**A PROJECT REPORT SUBMITTED TO
RAJIVGANDHI PROUDYOGIKI VISHWAVIDYALAYA, BHOPAL
TOWARDS PARTIAL FULFILLMENT OF THE REQUIREMENT FOR
AWARD OF THE DEGREE OF
BACHELOR OF PHARMACY
2022-2023**

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Supervised by
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**FORMULATION AND EVALUATION OF
ANTI DARK CIRCLE GEL**



A PROJECT REPORT SUBMITTED TO
RAJIVGANDHI PROUDYOGIKI VISHWAVIDYALAYA, BHOPAL
TOWARDS PARTIAL FULFILLMENT OF THE REQUIREMENT FOR
AWARD OF THE DEGREE OF
BACHELOR OF PHARMACY
2022-2023

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**"DEVELOPMENT OF THE PAIN RELIEF ROLL-ON FOR
THE MANAGEMENT OF MENSTRUAL CRAMPS."**



**A PROJECT REPORT SUBMITTED TO RAJIVGANDHI
PROUDYOGIKI VISHWAVIDYALAYA, BHOPAL TOWARDS PARTIAL
FULFILLMENT OF THE REQUIREMENT FOR AWARD OF THE
DEGREE OF BACHELOR OF PHARMACY**

2022-2023

SUBMITTED BY:

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Survey on awareness perception & extent of usage of nutraceuticals and dietary supplements



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**SURVEY ON AWARENESS, PERCEPTION & EXTENT OF
USAGE OF NUTRACEUTICAL AND DIETARY
SUPPLEMENT IN MARKET AND DAILY LIFE.**



**A PROJECT REPORT SUBMITTED TORAJIVGANDHI
PROUDYOGIC VISHWAVIDYALAYA, BHOPAL TOWARDS
PARTIAL FULFILLMENT OF THE REQUIREMENT FOR AWARD OF
THE DEGREE OF BACHELORE OF PHARMACY**

(2022-2023)

SUBMITTED BY:

Parul Bhoriya

SUPERVISED BY:

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Pithampur Road, Opp IIM, Rau, Indore 453331

**FORMULATION OF HERBAL SHITOPALADI
DARK CHOCOLATE FOR COUGH AND COLD**




**A PROJECT REPORT SUBMITTED TO
RAJIVGANDHI PROUDYOGIKI VISHWAVIDYALAYA, BHOPAL
TOWARDS PARTIAL FULFILLMENT OF THE REQUIREMENT FOR
AWARD OF THE DEGREE OF
BACHELOR OF PHARMACY
2022-2023**

Submitted by
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**FORMULATION OF HERBAL SHITOPALADI
DARK CHOCOLATE FOR COUGH AND COLD**



**A PROJECT REPORT SUBMITTED TO
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TOWARDS PARTIAL FULFILLMENT OF THE REQUIREMENT FOR
AWARD OF THE DEGREE OF
BACHELOR OF PHARMACY
2022-2023**

Submitted by
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FORMULATION AND EVALUATION OF POLYHERBAL SOAP



**A PROJECT REPORT SUBMITTED TO
RAJIVGANDHI PROUDYOGIKI VISHWAVIDYALAYA, BHOPAL
TOWARDS PARTIAL FULFILLMENT OF THE REQUIREMENT FOR
AWARD OF THE DEGREE OF
BACHELOR OF PHARMACY
2022-2023**

Submitted by
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Register - Under UST, 2011

**LIFE WITH
NUTRACEUTICALS & DIETRY
SUPPLEMENT:
A MARKET SURVEY**



**A PROJECT REPORT SUBMITTED TO
RAJIVGANDHI PROUDYOGIKI VISHWA VIDYALAYA, BHOPAL
TOWARDS PARTIAL FULFILLMENT OF THE REQUIREMENT FOR
AWARD OF THE DEGREE OF
BACHELOR OF PHARMACY
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Submitted by
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NEUTRACEUTICAL IMPACT ON HEALTH CARE SYSTEM



**PROJECT WORK REPORT SUBMITTED RAJIVGANDHI
PROUDYOGIKI VISHWAVIDYALAYA, BHOPAL
TOWARDS PARTIAL FULFILLMENT OF THE
REQUIREMENT FORWARD OF THE DEGREE OF
BACHELOR OF
PHARMACY 2019-2023**

Submitted by
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Preparation of Herbal Tea For Lowering blood Cholestrol, High Blood Pressure
And Purifying Blood



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Pharmacy**

Affiliated to - BOPV(Bhopal) & Approved by - AICTE(New Delhi) & PCI(New Delhi)

**Preparation of Herbal Tea For Lowering blood
Cholestrol, High Blood Pressure And Purifying
Blood**



**A PROJECT REPORT SUBMITTED TORAJIVGANDHI PROUDYOGIC
VISHWAVIDYALAYA, BHOPAL TOWRADS PARTIAL
FULFILLMENT OF THE REQUIREMENT FOR AWARD OF THE
DEGREE OF BACHELORE OF PHARMACY**

(2022-2023)


SUBMITTED BY:
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SUPERVISED BY:
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Indore Institute of Pharmacy


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Formulation And Evaluation of Herbal Lip Balm



**A PROJECT REPORT SUBMITTED TO
RAJIVGANDHI PROUDYOGHI VISHWAVIDYALAYA, BHOPAL,
TOWARDS PARTIAL FULFILLMENT OF THE REQUIREMENT FOR
AWARD OF THE DEGREE OF
BACHELOR OF PHARMACY
2022-2023**

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Submitted by
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**COMPARATIVE INSILICO ADMET STUDIES
OF
NUTRACEUTICALS**



**A PROJECT REPORT SUBMITTED TO
RAJIVGANDHI PROUDYOGIKI VISHWAVIDYALAYA, BHOPAL
TOWARDS PARTIAL FULFILLMENT OF THE REQUIREMENT FOR
AWARD OF THE DEGREE OF
BACHELOR OF PHARMACY
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**FORMULATION AND EVALUATION OF
ANTI DARK CIRCLE GEL**



**A PROJECT REPORT SUBMITTED TO
RAJIVGANDHI PROUDYOGIKI VISHWAVIDYALAYA, BHOPAL
TOWARDS PARTIAL FULFILLMENT OF THE REQUIREMENT FOR
AWARD OF THE DEGREE OF
BACHELOR OF PHARMACY
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Submitted by
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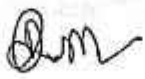
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Register - Under UGT 205

**“Moringa Leaves Extract for The Management of
Malnutrition”**



A PROJECT REPORT ON SUBMITTED TO
RAJIVGANDHI PROUDYOGIKI VISHWAVIDYALAYA, BHOPAL
TOWARDS PARTIAL FULFILLMENT OF THE REQUIREMENT FOR
AWARD OF THE DEGREE OF
BACHELOR OF PHARMACY
2022-2023

Submitted by:
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Supervised by:
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**FORMULATION OF HERBAL SHITOPALADI
DARK CHOCOLATE FOR COUGH AND COLD**



**A PROJECT REPORT SUBMITTED TO
RAJIVGANDHI PROUDYOGIKI VISHWAVIDYALAYA, BHOPAL
TOWARDS PARTIAL FULFILLMENT OF THE REQUIREMENT FOR
AWARD OF THE DEGREE OF
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2022-2023**

Submitted by
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**FORMULATION OF HERBAL SHITOPALADI
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**A PROJECT REPORT SUBMITTED TO
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TOWARDS PARTIAL FULFILLMENT OF THE REQUIREMENT FOR
AWARD OF THE DEGREE OF
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2022-2023**

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**FORMULATION OF HERBAL SHITOPALADI
DARK CHOCOLATE FOR COUGH AND COLD**



**A PROJECT REPORT SUBMITTED TO
RAJIVGANDHI PROUDYOGIKI VISHWAVIDYALAYA, BHOPAL
TOWARDS PARTIAL FULFILLMENT OF THE REQUIREMENT FOR
AWARD OF THE DEGREE OF
BACHELOR OF PHARMACY
2022-2023**

**Submitted by
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**LIFE WITH
NUTRACEUTICALS & DIETRY
SUPPLEMENT:
A MARKET SURVEY**



**A PROJECT REPORT SUBMITTED TO
RAJIVGANDHI PROUDYOGIKI VISHWA VIDYALAYA, BHOPAL
TOWARDS PARTIAL FULFILLMENT OF THE REQUIREMENT FOR
AWARD OF THE DEGREE OF
BACHELOR OF PHARMACY
2022-2023**

Principal
Indore Institute of Pharmacy

Submitted by
RAJESH PANWAR
0845PY191068

Supervised by
MrsNayany Sharma
Asst.professor (IIP)



Principal
Indore Institute of Pharmacy,
INDORE (M.P.)

200



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Register - Under UST, 2011



INDORE INSTITUTE OF PHARMACY
Pithampur Road, Opp IIM, Rau, Indore 453331

FORMULATION AND EVALUATION OF SUNSCREEN



**A PROJECT REPORT SUBMITTED TO
RAJIVGANDHI PROUDYOGIKI VISHWAVIDYALAYA, BHOPAL
TOWARDS PARTIAL FULFILLMENT OF THE REQUIREMENT FOR
AWARD OF THE DEGREE OF
BACHELOR OF PHARMACY
2022-2023**

**Principal
Indore Institute of Pharmacy**

**Submitted by
Jaheer Patel
0845PY191032**

**Supervised by
Miss. Shivangi Patidar**



**Principal
Indore Institute of Pharmacy,
INDORE (M.P.)**

201



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**"DEVELOPMENT OF THE PAIN RELIEF ROLL-ON FOR
THE MANAGEMENT OF MENSTRUAL CRAMPS."**




**A PROJECT REPORT SUBMITTED TO RAJIVGANDHI
PROUDYOGIKI VISHWAVIDYALAYA, BHOPAL TOWARDS PARTIAL
FULFILLMENT OF THE REQUIREMENT FOR AWARD OF THE
DEGREE OF BACHELOR OF PHARMACY**

2022-2023

SUBMITTED BY:

Jatin Gurnani

0845PY191033


Principal


Indore Institute of Pharmacy

SUPERVISED BY:

Ms. Parul Vaishnav

(Assistant Professor)




Principal
Indore Institute of Pharmacy,
INDORE (M.P.)

202



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Formulation of Herbal Energy Drink



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Formulation of Herbal Energy Drink

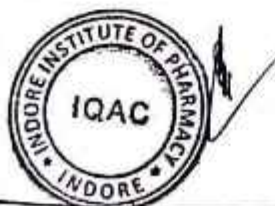


A PROJECT REPORT SUBMITTED TO
RAJIV GANDHI PROUDYOGIKI VISHWAVIDYALAYA, BHOPAL
TOWARDS PARTIAL FULFILLMENT OF THE REQUIREMENT FOR
AWARD OF THE DEGREE OF
BACHELOR OF
PHARMACY 2022-2023

Principal
Indore Institute of Pharmacy

Submitted By
Kanak Bhardwaj
0845PY191035

Guided By
Dr. Pritesh Paliwal
HOD & Professor



Principal
Indore Institute of Pharmacy,
INDORE (M.P.)



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**FORMULATION AND EVALUATION OF
ANTI DARK CIRCLE GEL**



**A PROJECT REPORT SUBMITTED TO
RAJIVGANDHI PROUDYOGIKI VISHWAVIDYALAYA, BHOPAL
TOWARDS PARTIAL FULFILLMENT OF THE REQUIREMENT FOR
AWARD OF THE DEGREE OF
BACHELOR OF PHARMACY
2022-2023**

Submitted by
Karan Singh Jhala
0845PY191037


Principal
Indore Institute of Pharmacy

Supervised by
Dr. Arti Majumdar
Professor



204

Principal
Indore Institute of Pharmacy,
INDORE (M.P.)



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A REVIEW ON SPINE GOURD
(MOMORDICA DIOICA)



A PROJECT REPORT SUBMITTED TO RAJIVGANDHI
PROUDYOGIKI VISHWAVIDYALAYA, BHOPAL
TOWARDS PARTIAL FULFILLMENT OF THE REQUIREMENT
FOR AWARD OF THE DEGREE OF
BACHELOR OF
PHARMACY 2022-2023

Submitted by

MAHAK RATHORE

Roll No: 0845PY203D02

1



Principal
Indore Institute of Pharmacy

Supervised by

Dr. SANDIP PATIL

Assistant professor

Indore Institute of Pharmacy

205

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Register - Under UGT 201

"FORMULATION AND EVALUATION OF HERBAL HAND WASH"



A PROJECT REPORT ON SUBMITTED TO
RAJIVGANDHI PROUDYOGIKI VISHWAVIDYALAYA, BHOPAL
TOWARDS PARTIAL FULFILLMENT OF THE REQUIREMENT FOR
AWARD OF THE DEGREE OF
BACHELOR OF PHARMACY
2022-2023

Submitted by:
Pooja choudhary
0845PY203D03

Principal
Indore Institute of Pharmacy

Supervised by:
Mr. Rohit Sahu
Associate Professor
IIP Indore




Principal
Indore Institute of Pharmacy,
INDORE (M.P.)

206



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PREPARATION AND EVALUATION OF HERBAL HAIR OIL.



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**PREPARATION AND EVALUATION OF
HERBAL HAIR OIL**



**A MAJOR PROJECT REPORT SUBMITTED TO RAJIVGANDHI
PROUDYOGIC VISHWAVIDYALAYA, BHOPAL TOWARDS
PARTIAL FULFILLMENT OF THE REQUIREMENT FOR AWARD OF
THE DEGREE OF BACHELORE OF PHARMACY**

(2022-2023)

SUBMITTED BY:

Pritam Adhikary
0845PY203D04

Principal
Indore Institute of Pharmacy

SUPERVISED BY:

MR. DARSHAN JAMINDAR



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Indore Institute of Pharmacy

Principal
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Survey on awareness perception & extent of usage of nutraceuticals and dietary supplements



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**SURVEY ON AWARENESS, PERCEPTION & EXTENT OF
USAGE OF NUTRACEUTICAL AND DIETARY
SUPPLEMENT IN MARKET AND DAILY LIFE.**



**A PROJECT REPORT SUBMITTED TO RAJIVGANDHI
PROUDYOGIC VISHWAVIDYALAYA, BHOPAL TOWARDS
PARTIAL FULFILLMENT OF THE REQUIREMENT FOR AWARD OF
THE DEGREE OF BACHELORE OF PHARMACY**

(2022-2023)

SUBMITTED BY:

Karan Pawar

SUPERVISED BY:

Dr. Rupesh K. Gautam

Professor IIP

Principal
Indore Institute of Pharmacy

208

Indore Institute of Pharmacy



Principal
Indore Institute of Pharmacy,
INDORE (M.P.)



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Register - Under UST, 2011

**Moringa Leaves Extract for The Management of
Malnutrition**



**A PROJECT REPORT SUBMITTED TO
RAJIVGANDHI PROUDYOGIKI VISHWAVIDYALAYA, BHOPAL
TOWARDS PARTIAL FULFILLMENT OF THE REQUIREMENT FOR AWARD
OF THE DEGREE OF
BACHELOR OF PHARMACY
2022-2023**


Principal
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Submitted by-
Nitesh Patidar
Roll No- 0845PY191054

Supervised by-
Mr. Gaurav Agrawal
Assistant Professor



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Formulation of Herbal Energy Drink



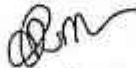
INDORE INSTITUTE OF PHARMACY
Pithampur Road, Opp IIM, Rau, Indore 453331

Formulation of Herbal Energy Drink




A PROJECT REPORT SUBMITTED TO
RAJIV GANDHI PROUDYOGIKI VISHWAVIDYALAYA, BHOPAL
TOWARDS PARTIAL FULFILLMENT OF THE REQUIREMENT FOR
AWARD OF THE DEGREE OF
BACHELOR OF
PHARMACY 2022-2023

Submitted By
Neha Tirkey
0845PY191053


Principal
Indore Institute of Pharmacy

Guided By
Dr. Pritesh Paliwal
HOD & Professor




Principal
Indore Institute of Pharmacy,
INDORE (I.I.P.)

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Pithampur Road, Opp IIM, Rau, Indore 453331

**BRIEF STUDY AND FORMULATION OF
NUTRACEUTICAL (CHYAWANPRASH)**



A PROJECT REPORT

SUBMITTED TO

RAJIVGANDHI PROUDYOGIKI VISHWAVIDYALAYA, BHOPAL

TOWARDS PARTIAL FULFILLMENT OF THE REQUIREMENT

FOR AWARD OF

THE DEGREE OF

BACHELOR OF PHARMACY 2022-2023

[Signature]
**Principal
Indore Institute of Pharmacy**

**Submitted by-
Nayan Joshi
Roll No-0845PY191052**

**Supervised by-
Mrs. Yashu Chourasiya
Assistant Professor**



[Signature] 211
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Indore Institute of Pharmacy,
INDORE (M.P.)**



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Survey on awareness perception & extent of usage of nutraceuticals and dietary supplements



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**SURVEY ON AWARENESS, PERCEPTION & EXTENT OF
USAGE OF NUTRACEUTICAL AND DIETARY
SUPPLEMENT IN MARKET AND DAILY LIFE.**



**A PROJECT REPORT SUBMITTED TO RAJIVGANDHI
PROUDYOGIC VISHWAVIDYALAYA, BHOPAL TOWARDS
PARTIAL FULFILLMENT OF THE REQUIREMENT FOR AWARD OF
THE DEGREE OF BACHELORE OF PHARMACY**

(2022-2023)

SUBMITTED BY:

Mayuri Patel

Principal

Indore Institute of Pharmacy

SUPERVISED BY:

Dr. Rupesh K. Gautam



Principal
Indore Institute of Pharmacy,
INDORE (M.P.)

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COMPARATIVE INSILICO ADMET STUDIES OF NUTRACEUTICALS



**A PROJECT REPORT SUBMITTED TO
RAJIVGANDHI PROUDYOGIKI VISHWAVIDYALAYA, BHOPAL
TOWARDS PARTIAL FULFILLMENT OF THE REQUIREMENT FOR
AWARD OF THE DEGREE OF
BACHELOR OF PHARMACY
2022-2023**

Principal
Indore Institute of Pharmacy

Submitted by
Sakina Rampura Wala
0845PY191077

Supervised by
Ms. Saloni Yadav
Asst.professor (IIP)



Principal
Indore Institute of Pharmacy,
INDORE (M.P.)

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FORMULATION AND EVALUATION OF POLYHERBAL SOAP



**A PROJECT REPORT SUBMITTED TO
RAJIVGANDHI PROUDYOGIKI VISHWAVIDYALAYA, BHOPAL
TOWARDS PARTIAL FULFILLMENT OF THE REQUIREMENT FOR
AWARD OF THE DEGREE OF
BACHELOR OF PHARMACY
2022-2023**

Principal
Indore Institute of Pharmacy

Submitted by
Sanket Yawatkar
0845PY191078

Supervised by
Ms. Deepika Bhawsar
Asst. Professor



Principal
Indore Institute of Pharmacy,
INDORE (M.P.)

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Survey on awareness perception & extent of usage of nutraceuticals and dietary supplements



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**SURVEY ON AWARENESS, PERCEPTION & EXTENT OF
USAGE OF NUTRACEUTICAL AND DIETARY
SUPPLEMENT IN MARKET AND DAILY LIFE.**



**A PROJECT REPORT SUBMITTED TORAJIVGANDHI
PROUDYOGIC VISHWAVIDYALAYA, BHOPAL TOWARDS
PARTIAL FULFILLMENT OF THE REQUIREMENT FOR AWARD OF
THE DEGREE OF BACHELOR OF PHARMACY**

(2022-2023)

SUBMITTED BY:

Shalekh Saikh

Principal

Indore Institute of Pharmacy

SUPERVISED BY:

Dr. Rupesh K. Gautam
Professor, IIP



Principal
Indore Institute of Pharmacy,
INDORE (M.P.)

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Register - Under UST, 2002

**Moringa Leaves Extract for The Management of
Malnutrition**



**A PROJECT REPORT SUBMITTED TO
RAJIVGANDHI PROUDYOGIKI VISHWAVIDYALAYA, BHOPAL
TOWARDS PARTIAL FULFILLMENT OF THE REQUIREMENT FOR AWARD
OF THE DEGREE OF
BACHELOR OF PHARMACY
2022-2023**

Submitted by-
Kunal Rai

Roll No- 0845PY191040




Principal
Indore Institute of Pharmacy

Supervised by-

Mr. Gaurav Agrawal
Assistant Professor


Principal
Indore Institute of Pharmacy,
INDORE (M.P.)

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Register - Under UST 201

PREPARATION AND EVALUATION OF HERBAL HAIR OIL

**PREPARATION AND EVALUATION OF
HERBAL HAIR OIL**



**A MAJOR PROJECT REPORT SUBMITTED TO RAJIVGANDHI
PROUDYOGIC VISHWAVIDYALAYA, BHOPAL TOWARDS
PARTIAL FULFILLMENT OF THE REQUIREMENT FOR AWARD OF
THE DEGREE OF BACHELOR OF PHARMACY**

(2022-2023)

Principal

SUBMITTED BY:

Indore Institute of Pharmacy

SUPERVISED BY:

Lokesh Gehlot

0845PV191042

MR. DARSHAN JAMINDAR



Indore Institute of Pharmacy

Principal
Indore Institute of Pharmacy,
INDORE (M.P.) 217



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Pithampur Road, Opp IIM, Rau, Indore 453331

**" FORMULATION OF A PAIN RELIEF ROLL-ON FOR
THE MANAGEMENT OF MENSTRUAL CRAMPS."**



**A PROJECT REPORT SUBMITTED TO RAJIVGANDHI
PROUDYOGIKI VISHWAVIDYALAYA, BHOPAL TOWARDS PARTIAL
FULFILLMENT OF THE REQUIREMENT FOR AWARD OF THE
DEGREE OF BACHELOR OF PHARMACY**

2022-2023

SUBMITTED BY:

Manasvi Dubey

0845PY191043

Principal
Indore Institute of Pharmacy

SUPERVISED BY:

Ms. Parul Vaishnav

Assistant Professor



Principal
Indore Institute of Pharmacy,
INDORE (M.P.)



Indore Institute of Pharmacy

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Preparation of Herbal Tea For Lowering blood Cholestrol, High Blood Pressure And Purifying Blood



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Preparation of Herbal Tea For Lowering blood Cholestrol, High Blood Pressure And Purifying Blood



A PROJECT REPORT SUBMITTED TORAJIVGANDHI PROUDYOGIC VISHWAVIDYALAYA, BHOPAL TOWRADS PARTIAL FULFILLMENT OF THE REQUIREMENT FOR AWARD OF THE DEGREE OF BACHELORE OF PHARMACY

(2022-2023)

SUBMITTED BY:
Manish Verma
0845PY191044


Principal
Indore Institute of Pharmacy

SUPERVISED BY:
Mr. Gaurav Sarsodia
Assistant Professor, IIP

2 | ↓

Indore Institute of Pharmacy



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Principal
Indore Institute of Pharmacy,
INDORE (M.P.)



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WORKSHOP



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Register - Under UST 205



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Register - Under UST 205



077

Certificate of Participation

This is to certify that

Mr./Ms. Kajal Bharambe.

attended workshop on
"3D Printing Technology"

on August 2023, organized by Indore Institute of Pharmacy, Indore (M.P.)



Mr. Nishida Babji
Resource Person

Dr. Gurmeet Chhabra
PRINCIPAL - IIP

Arun S. Bhatnagar
Mr. Arun S. Bhatnagar
Director General
IIT-IP-IMR

Principal
Indore Institute of Pharmacy
INDORE (M.P.)



**Indore Institute of
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Certificate of Honour

**Two Day National Workshop on
"Clinical Research & Drug Development"
Organized by SWAMI VIVEKANAND COLLEGE OF PHARMACY
in collaboration with TATA Consultancy Services
14th -15th February 2023**

This is to Certify that *Dr./Prdf./Mf./Mf.....Kujal Bhanambe.....*
has participated in Two Day National Workshop entitled "Clinical Research
& Drug Development" on **14th-15th February 2023** as a delegate/resource
person/organizing committee member.



S **Mr. Sachin Mishra
(Director)**

P
Principal
Indore Institute of Pharmacy,
INDORE (M.P.)

preef
**Dr. P.K. Dubey
Principal, SVCP
Dr. P.K. Dubey
(Organizing Chairman)**

Approved by PCI & AICTE, New Delhi; Affiliated to RGPV, Bhopal; Recognized by DTE, Govt. of M.P.
Vivekanand Knowledge City: Khandawa Road, Near Toll Naka, Indore-452020 (M.P.)
Ph. 07324-405000 , E-mail:info@svcp.ac.in, website:www.vivekanadgroup.com

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12/2/23, 10:43 AM

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Workshop & Exhibition
 Under the aegis of the Creative Art Club, IIST, Indore
Eco-Friendly Ganesha
Idol making & Mandala Art
 Workshop on: 27th Aug. 2022
 Exhibition on: 29th Aug. 2022
 Resource person
Mrs. Poonam Bagora
 Faculty Coordinator:
Ms. Nayany Sharma
 Student Coordinators:
Abhishek Prasad **Ayushi Saxena**
74703 28075 88270 50742


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INDORE (M.P.)

222

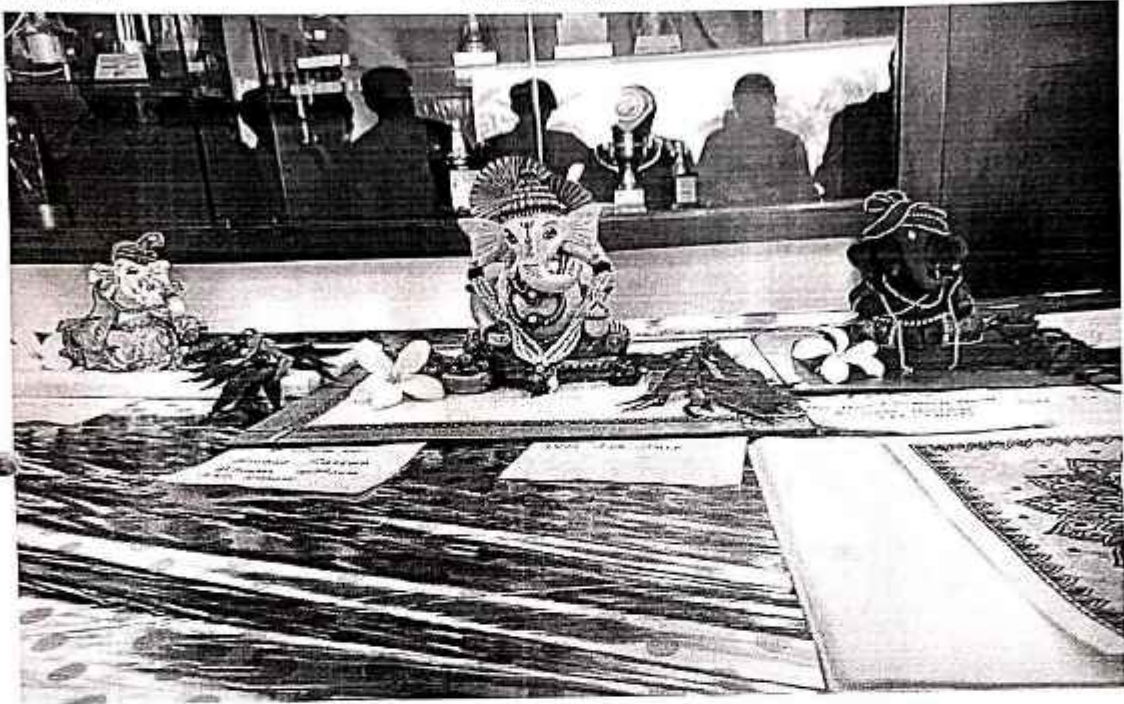


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12/2/23, 10:44 AM

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12/2/23, 10:44 AM

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Indore Institute of Pharmacy,
INDORE (M.P.)

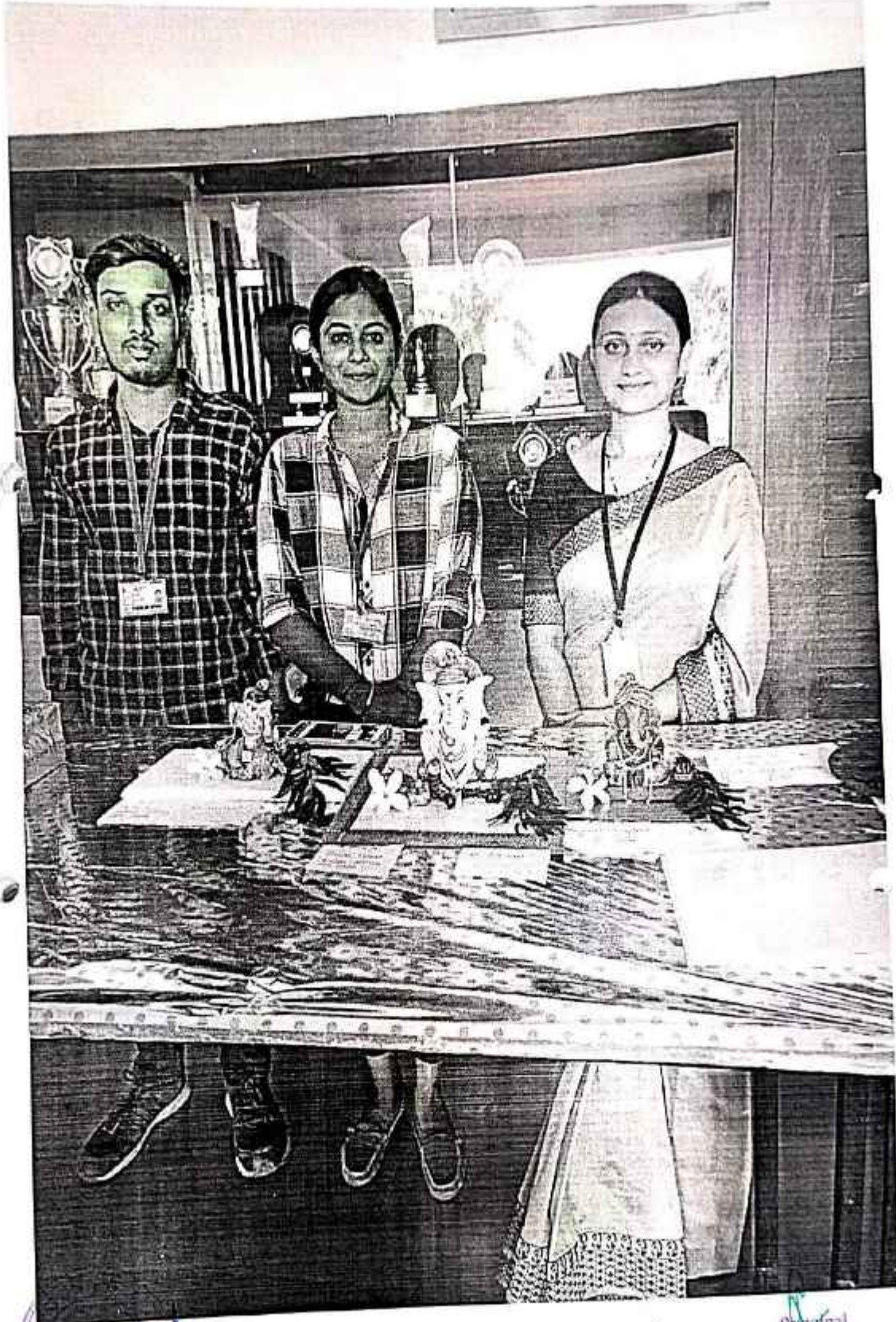


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Register - Under UST, 2011

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215

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INDORE (M.P.)

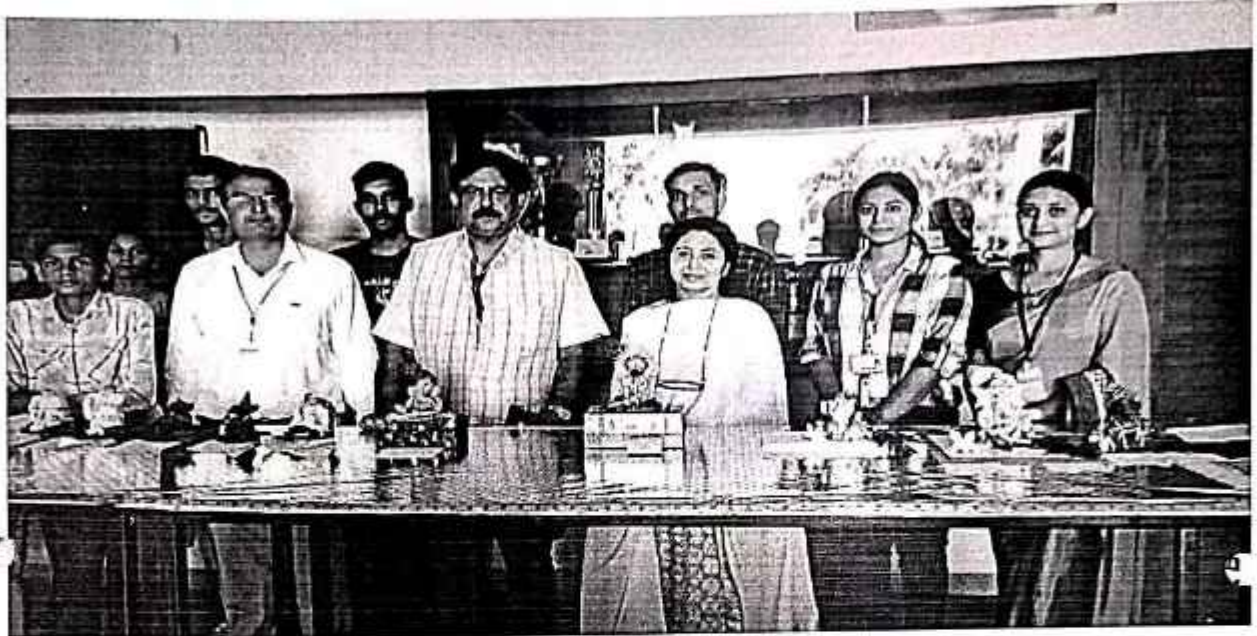


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Register - Under UST, 2011

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Indore Institute of Pharmacy,
INDORE (M.P.)

226



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INDIAN COUNCIL OF
MEDICAL RESEARCH

NIREH
NATIONAL INSTITUTE FOR RESEARCH
IN ENVIRONMENTAL HEALTH



Certificate of Participation

is presented to

Ms. Shivani Burman

for attending

2nd National Workshop on Flow Cytometry (Thematic Focus: Cell Signaling in Health & Diseases)
organized by the Department of Molecular Biology, ICMR-NIREH, Bhopal during
6th-9th December, 2022.

[Signature]
Dr. Pradyumna K Mishra
Scientist F & Course Coordinator

[Signature]
Dr. Devojit Kumar Sarma
Scientist C & Jt. Convener

[Signature]
Dr. Rajnarayan Tiwari
Director

426



[Signature]
Dr. Vibhor Joshi
Scientist B & Jt. Convener

[Signature]
Dr. Ram Kumar Nema
Scientist B & Jt. Convener

[Signature]
Principal
Indore Institute of Pharmacy



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INDIAN COUNCIL OF MEDICAL RESEARCH | NATIONAL INSTITUTE FOR RESEARCH IN ENVIRONMENTAL HEALTH

75
Azadi Ka
Amrit Mahotsav

Certificate of Participation

is presented to

Ms. Ankita Bhadoriya

for attending

2nd National Workshop on Flow Cytometry (Thematic Focus: Cell Signaling in Health & Diseases)
organized by the Department of Molecular Biology, ICMR-NIREH, Bhopal during
6th-9th December, 2022.

Dr. Pradyumna K Mishra

Dr. Pradyumna K Mishra
Scientist F & Course Coordinator

Dr. Devojit Kumar Sarma

Dr. Devojit Kumar Sarma
Scientist C & Jt. Convener

Dr. Rajnarayan Tiwari

Dr. Rajnarayan Tiwari
Director



Dr. Vibhor Joshi

Dr. Vibhor Joshi
Scientist B & Jt. Convener

Dr. Ram Kumar Nema

Dr. Ram Kumar Nema
Scientist B & Jt. Convener

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INDORE (M.P.)

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[Signature]
Principal
Indore Institute of Pharmacy,
INDORE (M.P.)

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**Indore Institute of
Pharmacy**

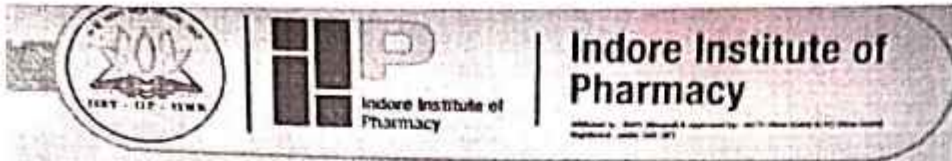
Affiliated to - BOP(Bhopal) (Approved by - AICTE(New Delhi) & PCI(New Delhi)
Registered - Under 1956/21)

SOPHISTICATED ANALYTICAL TRAINING



Indore Institute of Pharmacy

Affiliated to - B.P.U.(Bhopal) (Approved by - AICTE(New Delhi) & PCI(New Delhi)
Register - Under 1957-21)



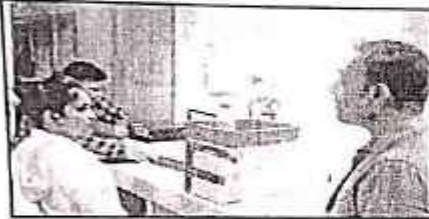
HPLC TRAINING

SIG TRAINING
Program on
Sophisticated Instrument Handling Expertise-HPLC

For B.Pharm. Sem VIII
From: 12th December, 2022

Resource Person:
Mr. Sachin Ratham

B.Pharm. & Pharm. M.Pharm./Pharmaceutical B.Sc.
101 E. Empire, Pash. Subdivision, Near Indraprastha Market, New, Indore 492011 (M.P.)
Tel. No. 2528 583 5834 Fax No. 2528 583 5834 Email: iip@iipindore.org

Indore, Madhya Pradesh, India
492011001, Sector G, Sarthar Road, Indraprastha
Market, Indore, Madhya Pradesh-492003, India
Lat: 22.972013°



[Signature] 230
Principal
Indore Institute of Pharmacy,
INDORE (M.P.)



Indore Institute of Pharmacy

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Register - Under 1957-21)




Principal
Indore Institute of Pharmacy,
INDORE (M.P.)



Indore Institute of Pharmacy

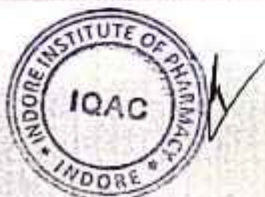
Affiliated to - B.P.U.(Bhopal) | Approved by - AICTE(New Delhi) & PCI(New Delhi)
Registered - Under 1957-217

Indore Institute of Pharmacy
Affiliated to - B.P.U.(Bhopal) | Approved by - AICTE(New Delhi) & PCI(New Delhi)
Registered - Under 1957-217

HPLC TRAINING

SIG TRAINING
Program on
Sophisticated Instrument Handling Expertise-HPLC
For B.Pharm. Sem-VII
From: 12th December, 2022
Resource Person:
Mr. Sachin Sartham
In-charge, HPLC Lab
Indore Institute of Pharmacy

Dr. Phani | B. Phani | A. Phani | Pharmacist & IQAC
HPLC Lab, Indore Institute of Pharmacy, Sector C, Sarani Road, Indore, Madhya Pradesh 462003, India
Tel: No. 7799 323 3888 | Fax: No. 7799 323 3889 | Email: iip@iip.ac.in



232

Principal
Indore Institute of Pharmacy,
INDORE (M.P.)

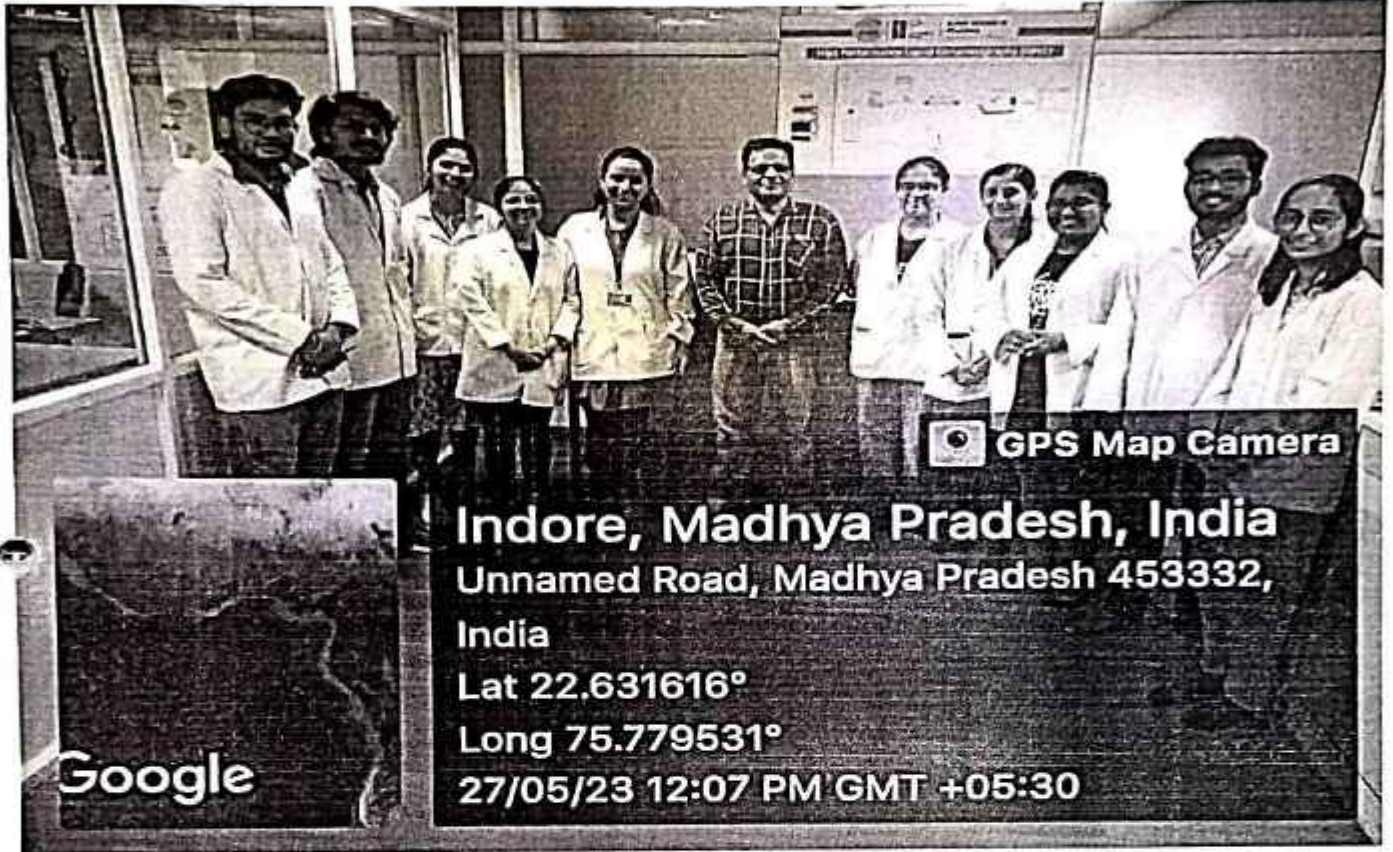


Indore Institute of Pharmacy

Affiliated to - B.P.U.(Bhopal) (Approved by - AICTE(New Delhi) & PCI(New Delhi)
Registered - Under 1957-21)

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233


 Principal
 Indore Institute of Pharmacy,
 INDORE (M.P.)

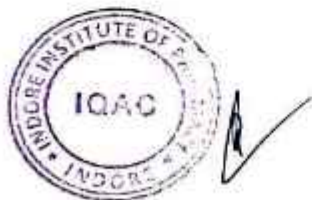
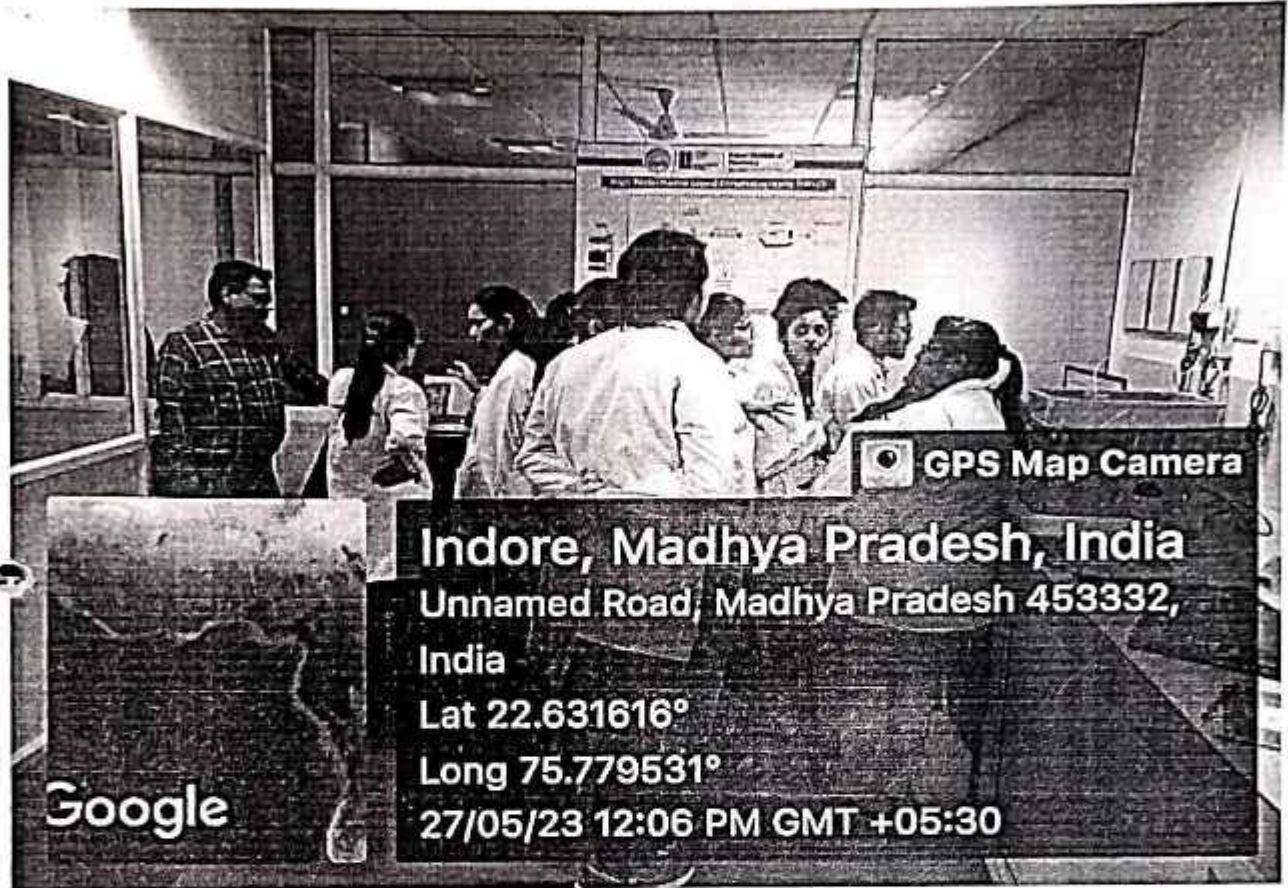


Indore Institute of Pharmacy

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Registered - Under 1957-21)

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Indore Institute of Pharmacy,
INDORE (M.P.)



Indore Institute of Pharmacy

Affiliated to - BOP(Bhopal) Approved by - AICTE(New Delhi) & PCI(New Delhi)
Registered - Under UGC 21F



Indore Institute of Pharmacy

Affiliated to - BOP(Bhopal) & Approved by - AICTE(New Delhi) & PCI(New Delhi)
Registered - Under UGC 21F



Certificate of Participation

This certificate is awarded to

Mr./Ms. Kajal Bhatnagar

for active participation in

SIG on

Sophisticated Instrument Handling Expertise

organized by Indore Institute of Pharmacy on on 19th-30th June, 2023

235



S. Kishore
Mr. Sachin Botham
Resource Person

D. Mishra
Dr. Dinesh K. Mishra
PRINCIPAL - IIP

Arun S. Bhatnagar
Mr. Arun S. Bhatnagar
Director General
IIST-IP-IIMR

R.
Principal
Indore Institute of Pharmacy,
INDORE (M.P.)



Indore Institute of Pharmacy

Affiliated to - B.P.U.(Bhopal) (Approved by - AICTE(New Delhi) & PCI(New Delhi)
Registered - Under 1957-21)

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INDORE (M.P.)



**Indore Institute of
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PARTICIPATIVE LEARNING

CONFERENCE



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INDIAN PHARMACY GRADUATE ASSOCIATION (IPGA) MP. STATE BRANCH

Organizing International Conference (Hybrid Mode) on 06th May 2023



In collaboration with
Dr. A.P.J. Abdul Kalam University
Indore

Co-Host
Indore Institute of Pharmacy
Indore



CERTIFICATE OF PARTICIPATION

This is to certify that Dr/Mr/Mrs/Ms. Sumit Naroliya
of.....has actively
participated in International Conference on Challenges and Opportunities in Future Pharmaceutical Research and
Innovations (COFPRI 2023) held on 06th May 2023 at University Cultural Centre DAVV, Takshila Campus, Indore.
He/She also presented paper/delivered Invited talk/Judge/chaired a Technical Session/ Organizing Committee
Member/ titled

237

Dr. Karunakar Shukla
President IPGA MP, Convener

Dr. Dinesh Mishra
Secretary IPGA MP, Convener

Dr. Revathi A Gupta
Treasurer IPGA MP, Convener



Dr. Rakesh Kumar Jatav
Vice President IPGA MP, Co-Convener

Dr. Rakesh Patel
Co-Convener

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Indore Institute of Pharmacy,
INDORE (M.P.)



Indore Institute of Pharmacy

Affiliated to - JGPO (Bhopal) (Approved by - AICTE (New Delhi) & PCI (New Delhi)
Registered - Under UGT 21F



and



CERTIFICATE

FOR YOUR PARTICIPATION

THE CERTIFICATE IS PROUDLY PRESENTED TO

Sapna Saini

for participating in the online e-poster presentation during the two day National Symposium on "Translation Research and Future Pharmaceuticals" on 04 & 05 November 2022, at JSS College of Pharmacy, Ooty.


Dr S P Dhanabal

CHAIRPERSON
Principal
JSSCP, Ooty




Dr Monica Gulati

CHAIRPERSON
Registrar
LPU, Punjab


Dr K Gowthamarajan

ORGANIZING SECRETARY
Professor and Head
Dept. of Pharmaceutics
JSSCP, Ooty

Principal
Indore Institute of Pharmacy,
INDORE (M.P.)

Organ
Dept. of Ph
(DST-FIST)

038



Indore Institute of Pharmacy

Affiliated to - BOPH (Bhopal) (Approved by - AICTE (New Delhi) & PCI (New Delhi)
Registered - Under UGT 21F

CERTIFICATE

OF PARTICIPATION

**NATIONAL SYMPOSIUM ON
TRANSLATION RESEARCH
AND
FUTURE PHARMACEUTICALS**

**ORGANIZED BY:
DEPT. OF PHARMACEUTICS
(DST-FIST SPONSORED)**




THIS CERTIFICATE IS PRESENTED TO:

MOUMITA SANTI

for participating as a delegate in the two day
National Symposium on
"Translation Research and Future Pharmaceuticals"
on 04 & 05 November 2022,
at JSS College of Pharmacy, Ooty.

 Dr S P Dhanabai CHAIRPERSON Principal JSSCP, Ooty	 Dr Manica Gulati CHAIRPERSON Registrar LPU, Punjab	 Dr K. Gowthamarajan ORGANIZING SECRETARY Professor and Head Dept. of Pharmaceutics JSSCP, Ooty
--	--	--




Principal
Indore Institute of Pharmacy,
INDORE (M.P.)

239



Indore Institute of Pharmacy

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Registered - Under 1956/21)

CERTIFICATE

OF PARTICIPATION
NATIONAL SYMPOSIUM ON
TRANSLATION RESEARCH
AND
FUTURE PHARMACEUTICALS

ORGANIZED BY



and

THIS CERTIFICATE IS FOR

Ms. Astha Pa

for participating as a dele
National Sympc
"Translation Research and Fu
on 04 & 05 Nover
at JSS College of Phr



Principal,
Indore Institute of Pharmacy,
INDORE (M.P.)

Monica Gul

240



Indore Institute of Pharmacy

Affiliated to - BOP (Bhopal) | Approved by - AICTE (New Delhi) & PCI (New Delhi)
Register - Under UGT 215



and



CERTIFICATE

FOR YOUR PARTICIPATION

THE CERTIFICATE IS PROUDLY PRESENTED TO

Neelima Mandloi

for participating in the online e-poster presentation during the two day National Symposium on "Translation Research and Future Pharmaceuticals" on 04 & 05 November 2022, at JSS College of Pharmacy, Ooty.

S.P.
Dr S P Dhanabal

CHAIRPERSON
Principal
JSSCP, Ooty



Monica Gulati
Dr Monica Gulati

CHAIRPERSON
Registrar
LPU, Punjab

K.G.
Dr K Gowthamarajan

ORGANIZING SECRETARY
Professor and Head
Dept. of Pharmaceutics
JSSCP, Ooty

P.
Principal
Indore Institute of Pharmacy,
INDORE (M.P.)

Organized by:
Dept. of Pharmaceutics
(DST-FIST Sponsored)

2021

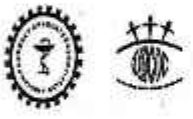


Indore Institute of Pharmacy

Affiliated to - PCCO (Pharma) (Approved by - AICTE (New Delhi) & PCCO (New Delhi) Register - Under 1007-210)



Theme: "Access to Quality & Affordable Medical Products"



72nd Indian Pharmaceutical Congress Nagpur

January 20-22, 2023



75 आज़ादी का अमृत महोत्सव



CERTIFICATE OF PARTICIPATION

It is our pleasure to certify that

AAYUSHI ARORA of Indore Institute of Pharmacy has participated as delegate in the 72nd Indian Pharmaceutical Congress held at Department of Pharmaceutical Sciences, Rashtasant Tukadoji Maharaj Nagpur University, Nagpur January 20-22, 2023.

VGS

Dr. V. G. Somani
President, IPCA

Prakash

Mr. Atul Mandlekar
Chairman, LOC

Milind

Prof. Milind Umekar
Organising Secretary, LOC

Prakash

Prof. Prakash Itankar
Organising Secretary, LOC

20
Prize
Indore Institute
INDORE

DELEGATES



IPC Registration Number: 9404937



Indore Institute of Pharmacy

Affiliated to - B.P.U.(Bhopal) (Approved by - AICTE(New Delhi) & PCI(New Delhi)
Register - Under 107-21)

72nd Indian Pharmaceutical Congress, Nagpur
January 20-22, 2023

CERTIFICATE OF PARTICIPATION

It is our pleasure to certify that
ASTHA PATIDAR of Indore institute of pharmacy has participated as delegate in the 72nd Indian Pharmaceutical Congress held at Department of Pharmaceutical Sciences, Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur, January 20-22, 2023.

(Signatures)
 Dr. V. G. Sonmal, Registrar, PCA
 Mr. Anu Mandekar, IAS, IAS
 Prof. Milind Umekar, D. J. Somaiya Institute of Pharmacy, D. J. Somaiya Institute of Pharmacy, D. J. Somaiya Institute of Pharmacy
 Prof. Prakash Naskar, D. J. Somaiya Institute of Pharmacy, D. J. Somaiya Institute of Pharmacy, D. J. Somaiya Institute of Pharmacy

DELEGATES



Principal
Indore Institute of Pharmacy,
INDORE (M.P.)

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**Indore Institute of
Pharmacy**

Affiliated to - BOP (Bhopal) (Approved by - AICTE (New Delhi) & PCI (New Delhi)
Registered - Under 1956/217



MEDICON 2023



on

"BIOSTATISTICS & RESEARCH METHODOLOGY"

CERTIFICATE

This is to certify that Dr./Mr./Ms. Kajal Bhanwarbe
from Indore Institute Of Pharmacy has given a poster/oral presentation
on topic Green Chemistry: An Approach Towards Sustainable Environment in
the National Conference organized on April 1, 2023. He/She has
secured ^{3rd} position. His/Her participation is highly appreciated.



Mousumi

Dr. Mousumi Kar Pillai
Organizing Secretary

Devendra

Dr. Devendra Kumar Pandey
Organizing Secretary

Sanjay

Principal
Indore Institute of Pharmacy
INDORE (M.P.)

Dr. Sanjay Jain
Convener

Faculty of Pharmacy & Faculty of Management, Medi-Caps University, Indore



Indore Institute of Pharmacy

Affiliated to - BOPH (Pharm) (Approved by - AICTE (New Delhi) & PCI (New Delhi)
Registered - Under 1957-217



**INSTITUTE OF PHARMACEUTICAL SCIENCES
TWO DAYS NATIONAL CONFERENCE & EXHIBITION**

sponsored by IKS Division, Ministry of Education & supported by Ministry of Ayush,
Ministry of Culture and MSME.



DHARA
Vision Ayurveda 2047

Certificate Of Participation

This is to certify that

Dr./Mr./Ms. Bhagyashree yedav of Indore Institute of Pharmacy has participated
in the Two Days National Conference on "Har Din Har Ghar Ayurveda" (Formulation, Regulatory, Quality Control & Assurance,
IP Protection and Incentivization Aspects) and Exhibition on "Ayurvedic, Traditional, Herbal Nutraceutical and
Home Remedies Formulations" held on 03rd & 04th November 2022 under "Dhara Vision Ayurveda 2047"
organized by Institute of Pharmaceutical Sciences, SAGE University, Indore (M.P.)



Principal
Indore Institute of Pharm
INDORE (M.P.)

Dr. Nirmal Dangre
Deputy Secretary
SAGE University, Indore

Dr. Raghavendra Dubey
Operating Chairman
SAGE University, Indore

Dr. Ashutosh Arun Kulkarni
Vice-Chancellor
SAGE University, Indore

Dr. Prashant Jain
Pro-Chancellor
SAGE University, Indore

Dr. G.S. Murthy
National - Coordinator
IKS Division, Ministry of Education



Indore Institute of Pharmacy

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**INSTITUTE OF PHARMACEUTICAL SCIENCES
TWO DAYS NATIONAL CONFERENCE & EXHIBITION**

sponsored by IKS Division, Ministry of Education & supported by Ministry of Ayush,
Ministry of Culture and MSME.



DHARA
Vision Ayurveda 2047

Certificate Of Participation

This is to certify that

Dr. Mr./Ms. *Gayatri Patil* of *Indore Institute of Pharmacy* has participated
in the Two Days National Conference on "Har Din Har Ghar Ayurveda" (Formulation, Regulatory, Quality Control & Assurance,
IP Protection and Incentivization Aspects) and Exhibition on "Ayurvedic, Traditional, Herbal Nutraceutical and
Home Remedies Formulations" held on 03rd & 04th November 2022 under "Dhara Vision Ayurveda 2047"
organized by Institute of Pharmaceutical Sciences, SAGE University, Indore (M.P.)



Principal
Indore Institute of Pharmacy
INDORE (M.P.)

- | | | | | |
|--|---|--|---|--|
|
Dr. Nitish Dongre
Organizing Secretary
SAGE University, Indore |
Dr. Ravindra Dubey
Deputing Curator
SAGE University, Indore |
Dr. Ankur Arjun Kulkarni
Vice-Chancellor
SAGE University, Indore |
Dr. Trishagat Jain
Pro-Chancellor
SAGE University, Indore |
Dr. G.S. Murthy
National - Coordinator
IKS Division, Ministry of Education |
|--|---|--|---|--|



Indore Institute of Pharmacy

Affiliated to - BOPH (Pharm) (Approved by - AICTE (New Delhi) & PCI (New Delhi) Register - Under 1072-217)

72nd INDIAN PHARMACEUTICAL CONGRESS
IPC
 NAGPUR
NITIKA
 Theme:
 "Access to Quality & Affordable Medical Products"

72nd Indian Pharmaceutical Congress, Nagpur
January 20-22, 2023



75
आजादी का
अमृत महोत्सव



CERTIFICATE OF PARTICIPATION

It is our pleasure to certify that
SHIVANI BURMAN of **Indore Institute of Pharmacy** has participated
 as delegate in the 72nd Indian Pharmaceutical Congress held at Department
 of Pharmaceutical Sciences, Rashtrasant Tukadoji Maharaj Nagpur
 University, Nagpur January 20-22, 2023.



V.G.S.

Dr. V. G. Somani
President, IPCA

Atul Mandekar

Mr. Atul Mandekar
Chairman, LOC

Milind Umekar

Prof. Milind Umekar
Organising Secretary, LOC

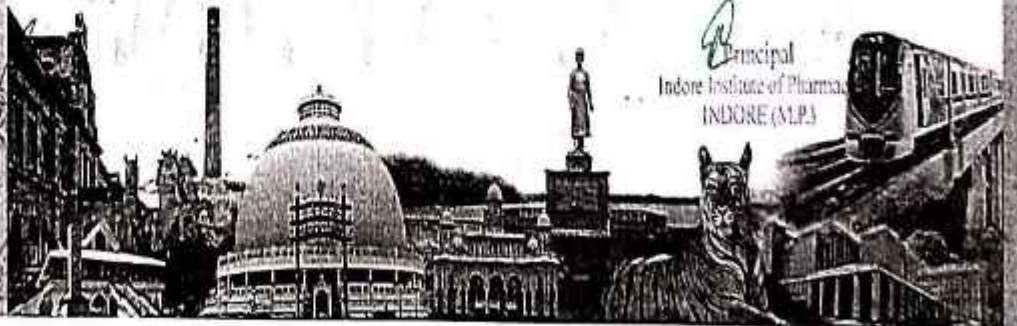
Prakash Itankar

Prof. Prakash Itankar
Organising Secretary, LOC

Principal

Indore Institute of Pharmacy
INDORE (M.P.)

DELEGATES





Indore Institute of Pharmacy

Affiliated to - PCCO (Pharm) (Approved by - AICTE (New Delhi) & PCI (New Delhi)
Registered - Under 1956-217

72nd INDIAN PHARMACEUTICAL CONGRESS



IPC

NAGPUR

NITIKA

Theme
"Access to Quality & Affordable Medical Products"

72nd Indian Pharmaceutical Congress, Nagpur

January 20-22, 2023



CERTIFICATE OF PARTICIPATION

It is our pleasure to certify that
HARSHITA GAURHA of Indore Institute of Pharmacy has participated as delegate in the 72nd Indian Pharmaceutical Congress held at Department of Pharmaceutical Sciences, Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur January 20-22, 2023.

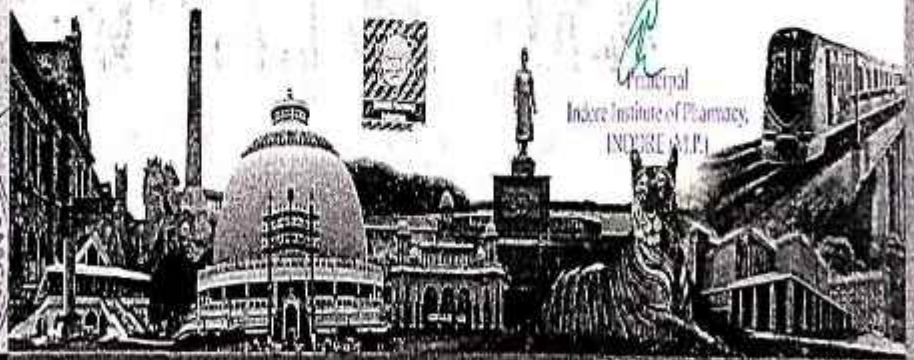


V.G.S.
Dr. V. G. Somani
 President, IPCA

Atul Mandlekar
Mr. Atul Mandlekar
 Chairman, LOC

Milind Umekar
Prof. Milind Umekar
 Organising Secretary, LOC

Prakash Itankar
Prof. Prakash Itankar
 Organising Secretary, LOC



Principal
 Indore Institute of Pharmacy,
 INDORE (M.P.)

IPC Registration Number: 5775043

DELEGATES



Indore Institute of Pharmacy

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Registered - Under 1957-217

72nd INDIAN PHARMACEUTICAL CONGRESS

IPC

NAGPUR

NITIKA

Theme:
"Access to Quality & Affordable Medical Products"

72nd Indian Pharmaceutical Congress, Nagpur
January 20-22, 2023



CERTIFICATE OF PARTICIPATION

It is our pleasure to certify that
ANKITA BHADORIYA of Indore Institute of Pharmacy has participated as delegate in the 72nd Indian Pharmaceutical Congress held at Department of Pharmaceutical Sciences, Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur January 20-22, 2023.



VGS

Dr. V. G. Somani
President, IPCA

Randhekar

Mr. Abul Mandlekar
Chairman, LOC

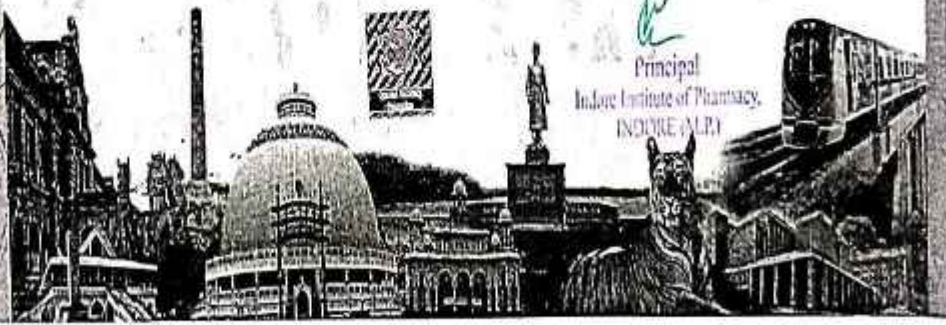
Umekar

Prof. Milind Umekar
Organising Secretary, LOC

Prakash

Prof. Prakash Itankar
Organising Secretary, LOC

Principal
Indore Institute of Pharmacy,
INDORE (M.P.)



DELEGATES



Indore Institute of Pharmacy

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Registered - Under 1957-21)



CERTIFICATE

FOR YOUR PARTICIPATION

THE CERTIFICATE IS PROUDLY PRESENTED TO

Harshita Gauraha

for participating in the online e-poster presentation
during the two day National Symposium on "Translation
Research and Future Pharmaceuticals" on 04 & 05 November
2022, at JSS College of Pharmacy, Ooty.

S P
Dr S P Dhanabal

CHAIRPERSON
Principal
JSSCP, Ooty

Monica Gulati
Dr Monica Gulati

CHAIRPERSON
Registrar
LPU, Punjab

K
Dr K Gowthamarajan

ORGANIZING SECRETARY
Professor and Head
Dept. of Pharmaceutics
JSSCP, Ooty



Organ
Dept. of Ph
(DST-FIST)

u
Principal
Indore Institute of Pharmacy,
INDORE (M.P.)

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Indore Institute of Pharmacy

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Registered - Under 1956/21)



**INTERNATIONAL PHARMACEUTICAL EXCIPIENTS'
COUNCIL OF INDIA (IPEC INDIA)**

CERTIFICATE OF PARTICIPATION

Tarun Atude

has participated in IPEC India session on

**“Tablet Manufacturing: Role of excipient in addressing
tablet hardness challenges” by Mr. Fred Rowley**

Held on Monday, August 28, 2023 at SciTech Center.



1570

AJIT SINGH
CHAIRMAN, IPEC INDIA

KAUSHIK DESAI
SECRETARY GENERAL, IPEC INDIA

Principal
Indore Institute of Pharmacy,
INDORE (M.P.)



Indore Institute of Pharmacy

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Registered - Under 1957 Act



जैवप्रौद्योगिकी विभाग
DEPARTMENT OF
BIOTECHNOLOGY

हरपनेन जयते



CERTIFICATE

This is to certify that

Dr./Mr./Ms. Sumit Narolija has

✓ participated / presented poster on

in DBT sponsored One Day National Conference on 19th August 2023

"PBGL0D 2K23"

"Pharmaceutical Biotechnology : Global Opportunities & Latest Developments"

Organized by

Chameli Devi Institute of Pharmacy Indore.

Supported by



THE INDIAN PHARMACEUTICAL
ASSOCIATION (IPA)
ORGANIZED FOR THE PROFESSION

Principal
Indore Institute of Pharmacy,
INDORE (M.P.)

Dr. Joy Banerjee
Group Director, CDGI

Dr. Arun Kumar Gupta
Principal, CDIP

Dr. Yusuf A Jaliwala
Secretary, IPA, MP Branch Indore

Mr. Sourabh D Jain
Convener, CDIP

252



**Indore Institute of
Pharmacy**

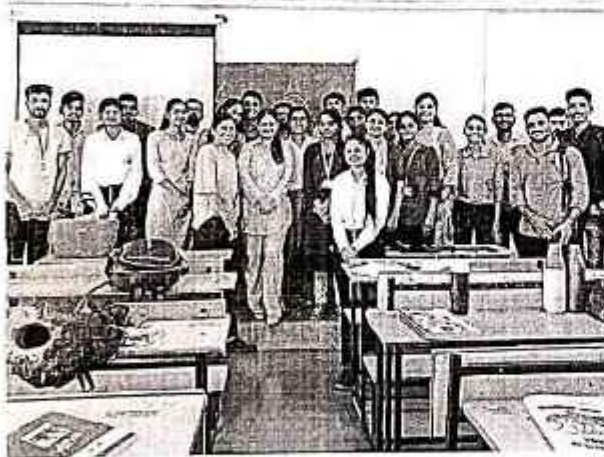
Affiliated to - BOPU(Bhopal) (Approved by - AICTE(New Delhi) & PCI(New Delhi)
Registered - Under 1956/21)

GOOGLE CLASSROOM



Indore Institute of Pharmacy

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Principal
Indore Institute of Pharmacy,
INDORE (M.P.)



Indore Institute of Pharmacy

Affiliated to - B.P.U.(Bhopal) (Approved by - AICTE(New Delhi) & PCI(New Delhi)
Registered - Under 1957-21)

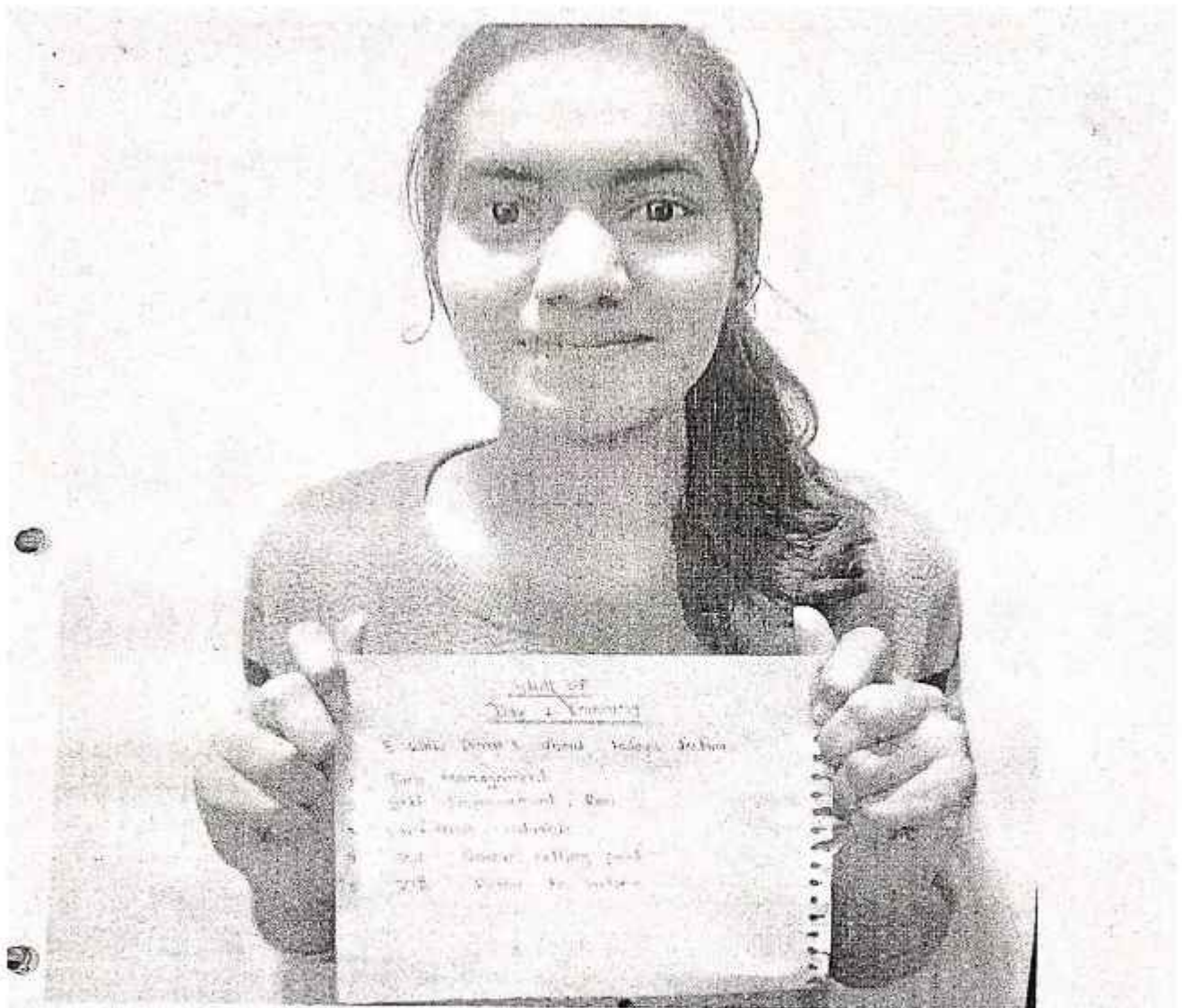



Principal
Indore Institute of Pharmacy,
INDORE (M.P.)



Indore Institute of Pharmacy

Affiliated to - B.P.U.(Bhopal) (Approved by - AICTE(New Delhi) & PCI(New Delhi)
Register - Under 1957-21)



Principal
Indore Institute of Pharmacy,
INDORE (M.P.)

253



Indore Institute of Pharmacy

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Register - Under 1072/217



Principal
Indore Institute of Pharmacy,
INDORE (M.P.)

Skill of
Day 1 Learning

5 New point about lecture today

1) Self Improvement Confidence

2) Time Management

3) Reading Books

4) USP Unique Selling point

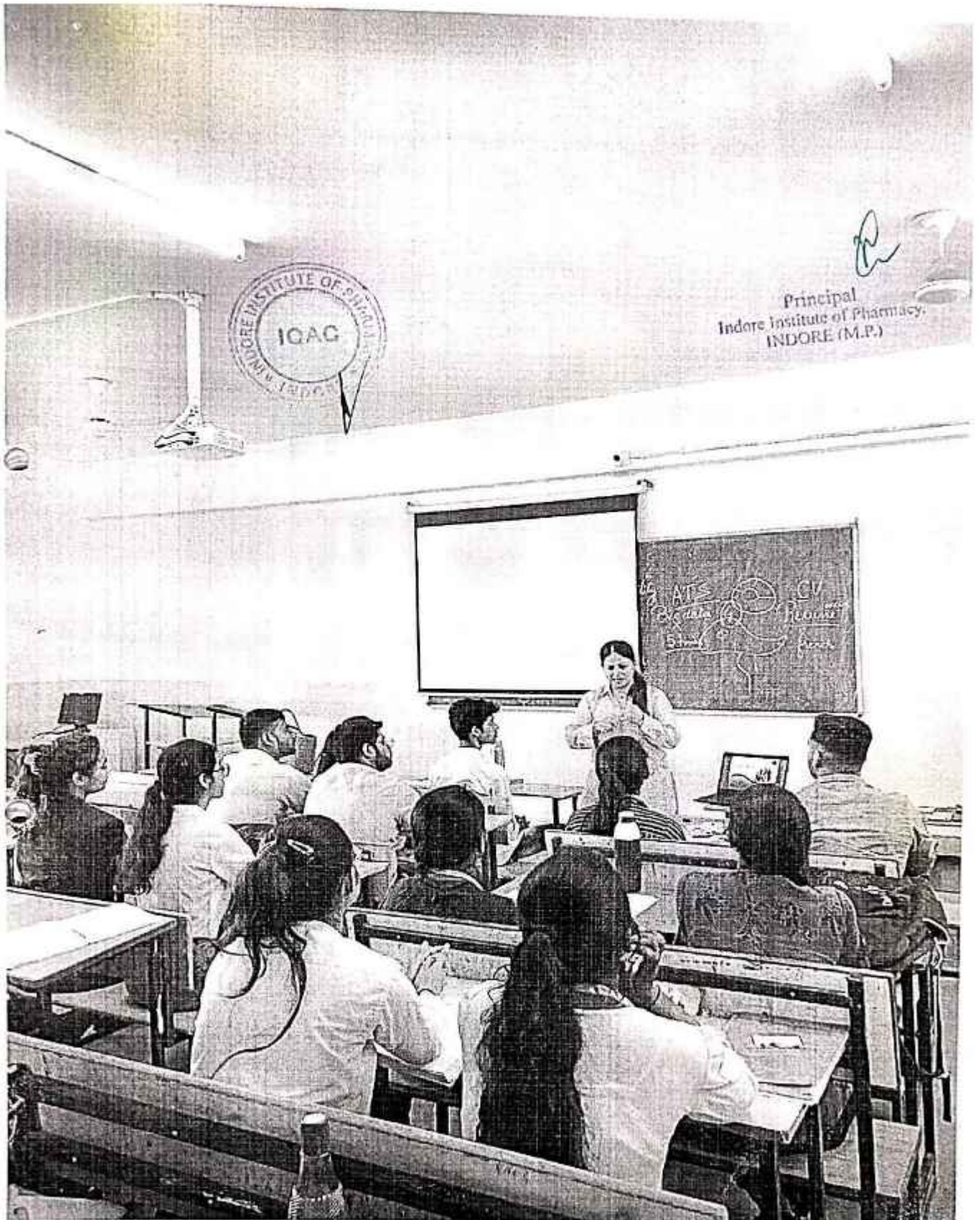
Value, Motive and RFD - Reason To Believe





Indore Institute of Pharmacy

Affiliated to - B.P.U. (Bhopal) | Approved by - AICTE (New Delhi) & PCI (New Delhi)
Registered - Under 1956/21F

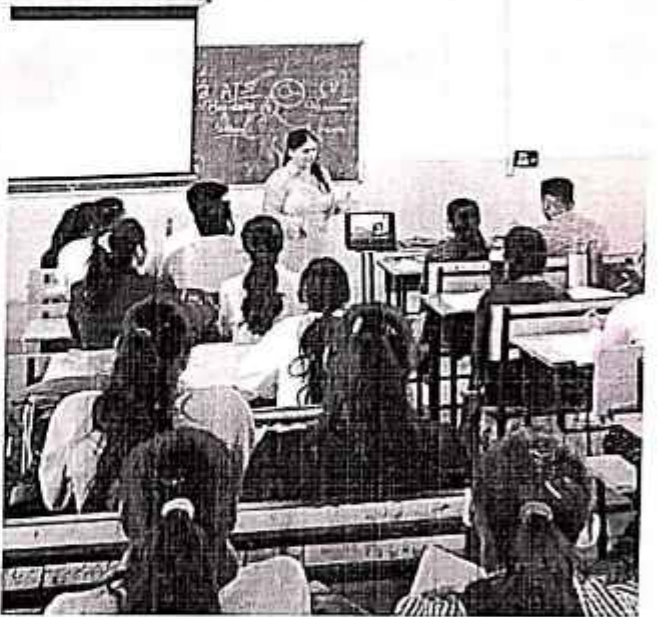
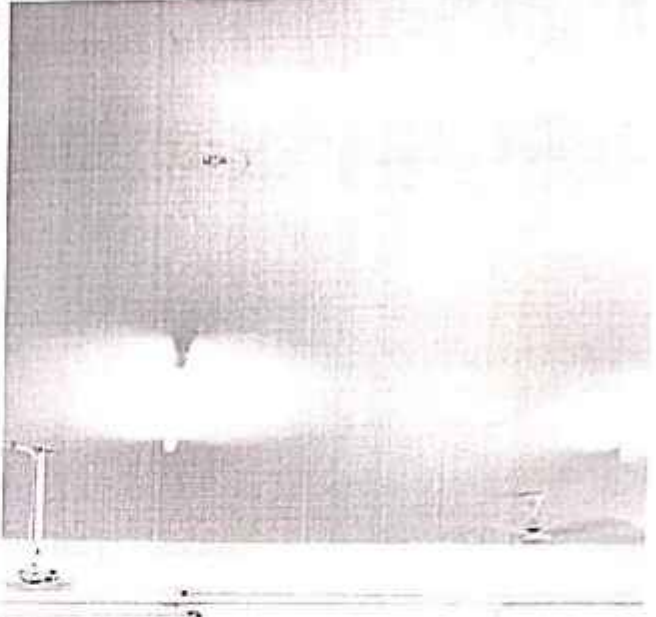
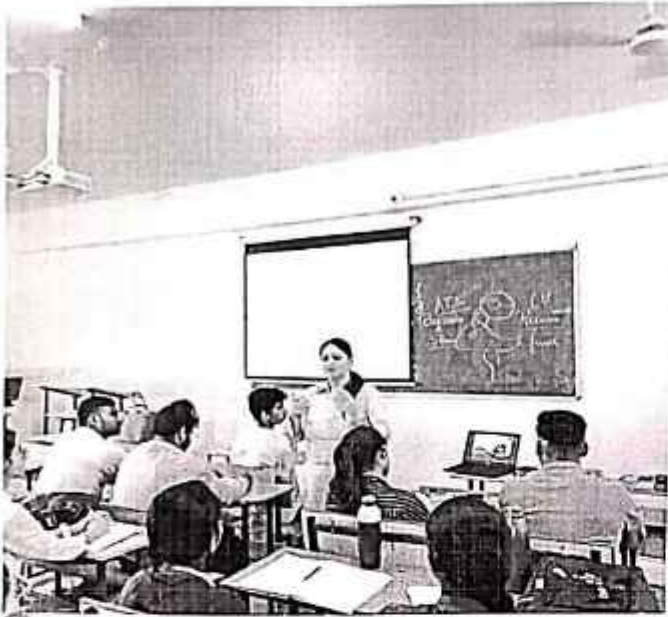


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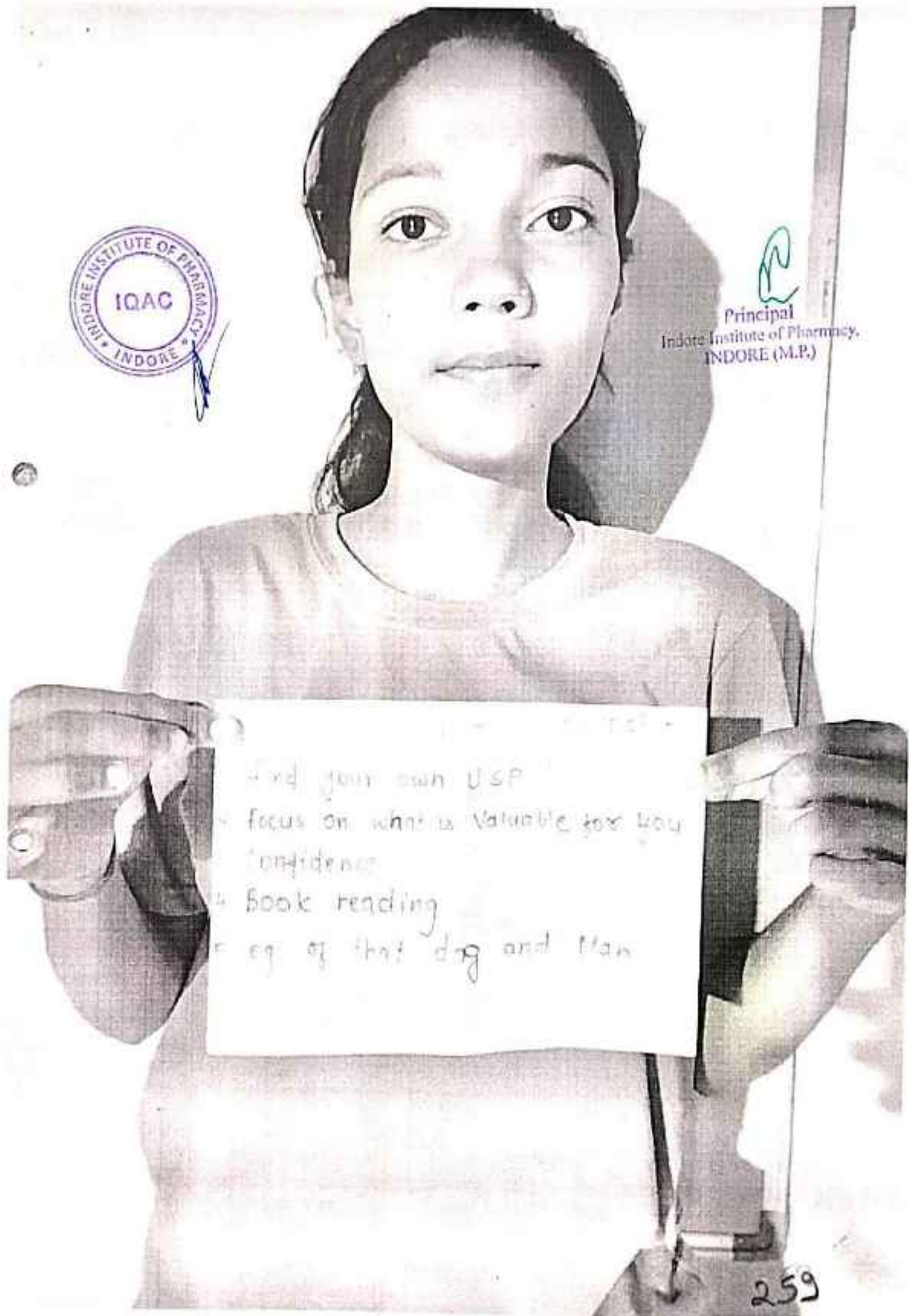


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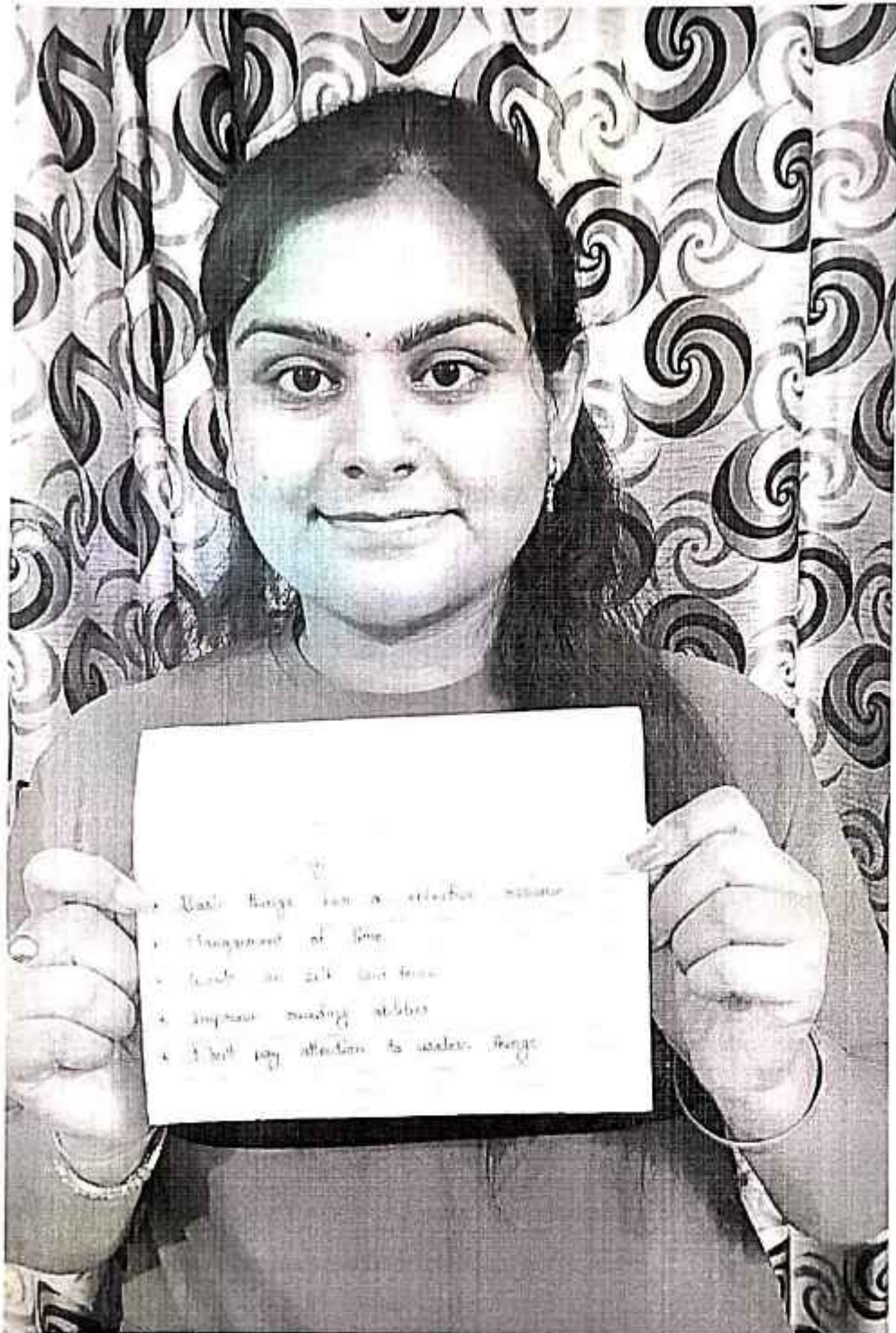
Find your own USP
focus on what is valuable for you
confidence
Book reading
eq of that dog and man

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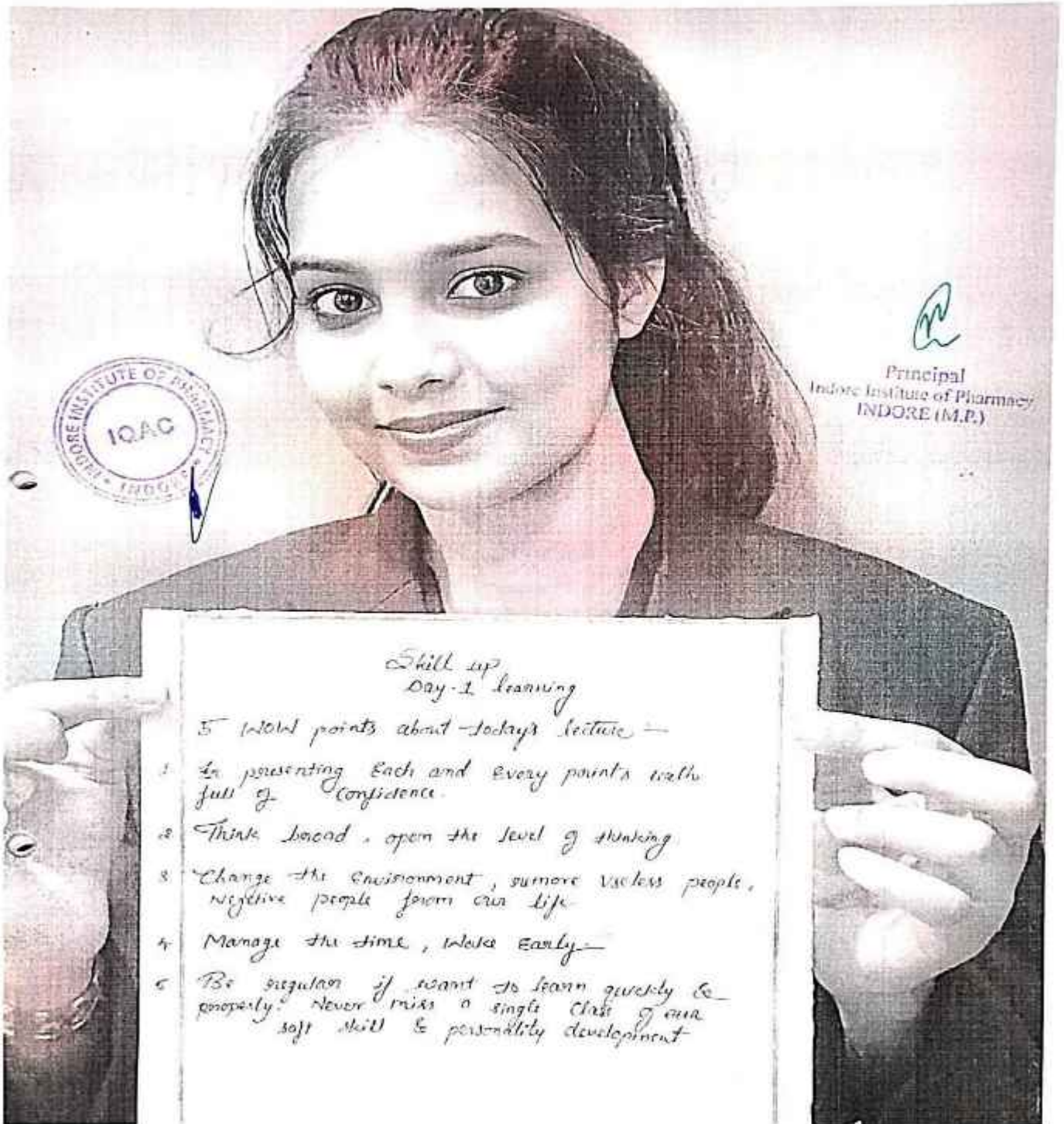


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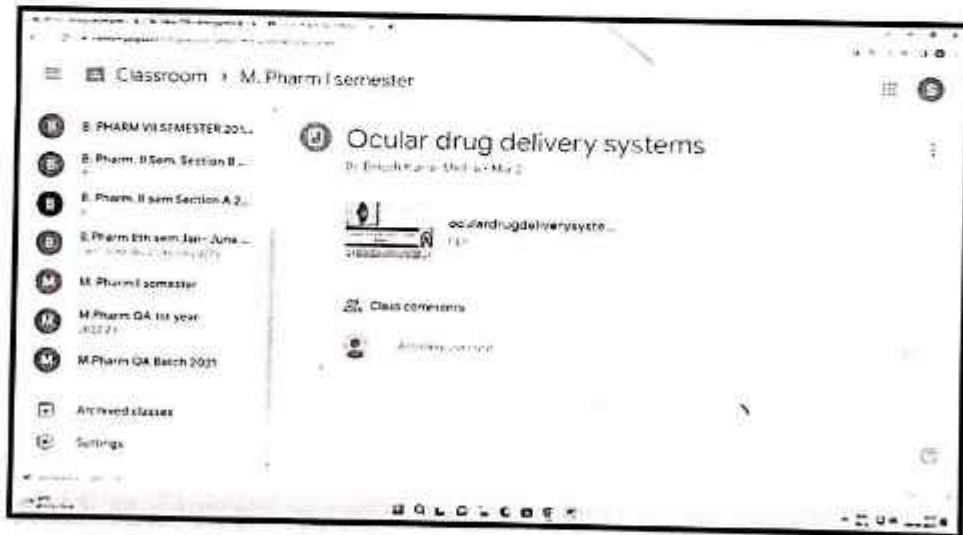
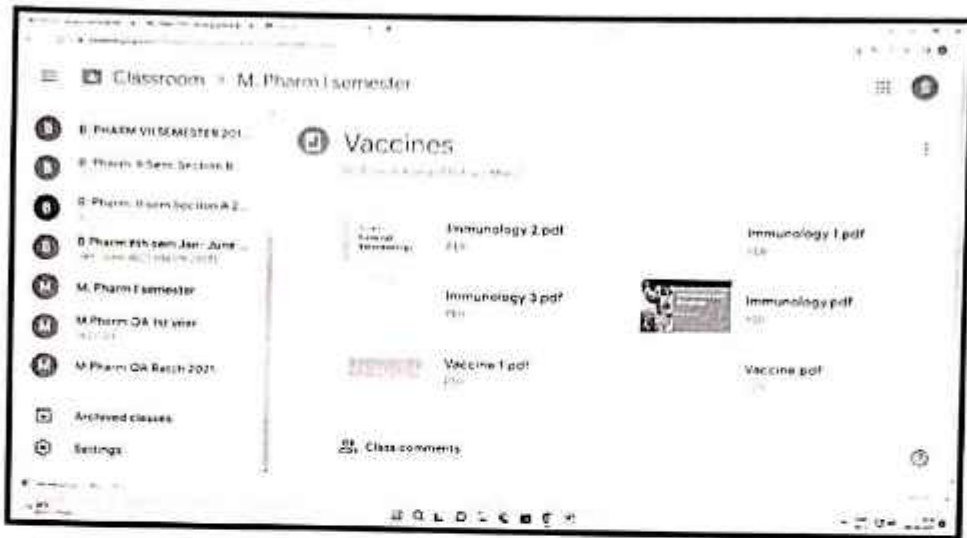
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Dr. Dinesh Kumar Mishra: Shared study material on Google Classroom



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Dr. Dinesh Kumar Mishra: Shared study material and Google Meet link for an online class on Google Classroom



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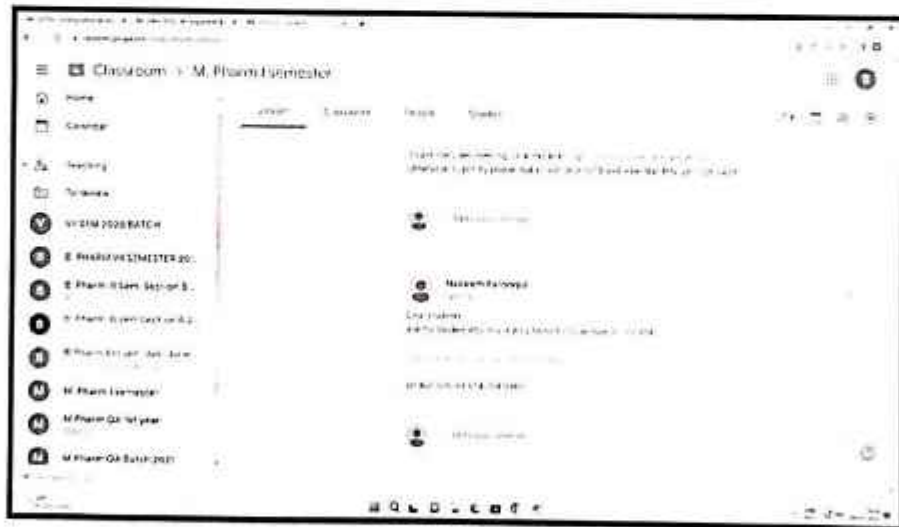
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Dr. Nadeem Farooqui: Monitoring of classes of M.Pharm Pharmaceutics, shared syllabus and study material with the students on Google Classroom.




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Dr. Nadeem Farooqui Shared the Google Meet link for an online class on Google Classroom




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Ms. Nayany Sharma: shared NDDS notes with students on Google Classroom.



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Mr. Kuldeep Vinchurkar; shared study material on Google Classroom with students.




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Mr. Darshan Jamidar shared study material on Google Classroom.




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Ms. Arti Majumdar: Shared study material on Google Classroom




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Ms. Neelima Mandloi: Shared assignment and Google Meet link for an online class on Google Classroom



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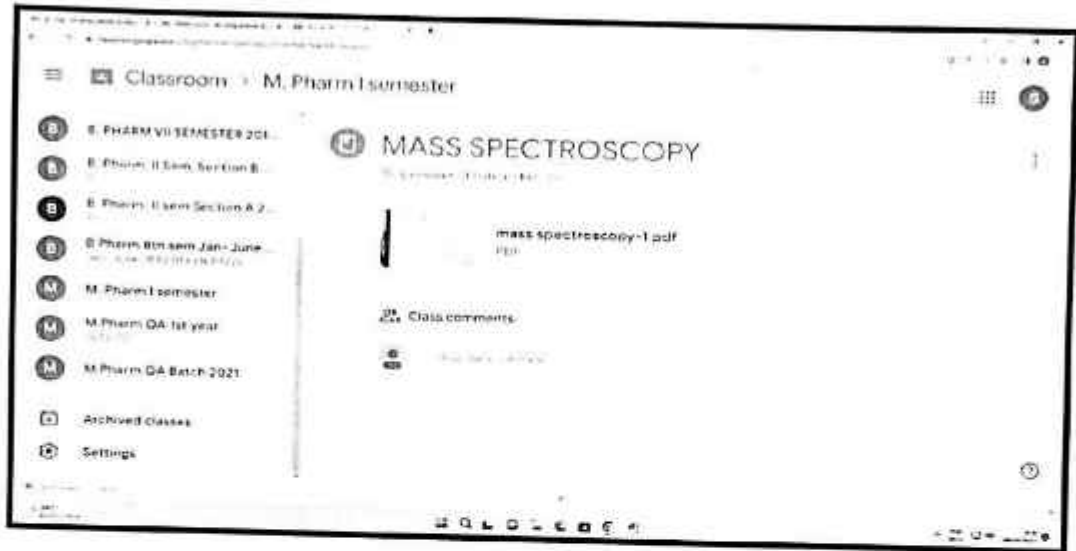


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Dr. Gurmeet Chhabra- Monitoring of classes of B.Pharm & M.Pharm QA through Google classroom and shared study material with the students.




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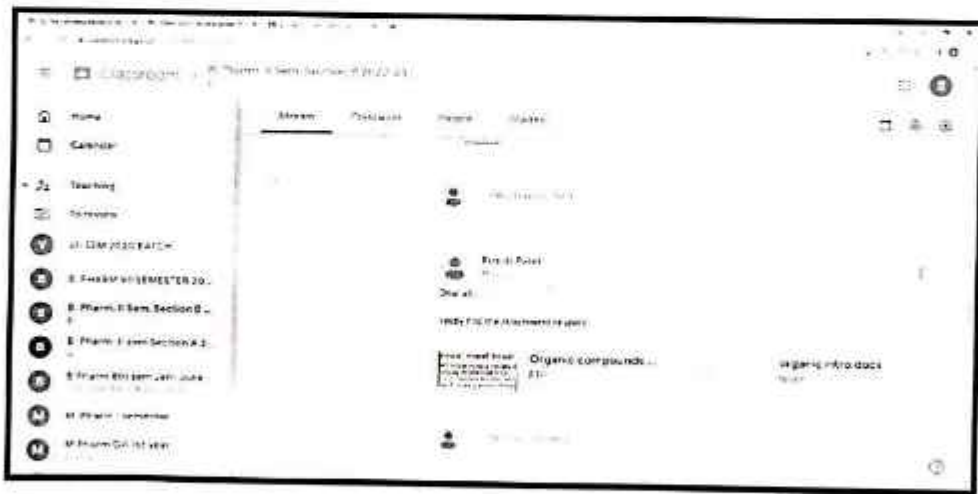


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Dr Ritesh Patel: shared chemistry notes with the students on Google Classroom.




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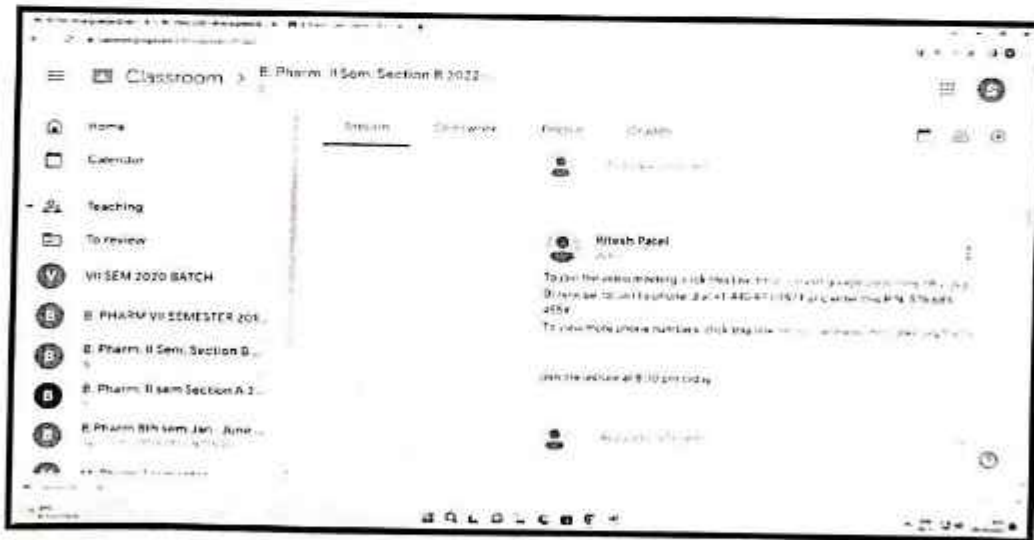
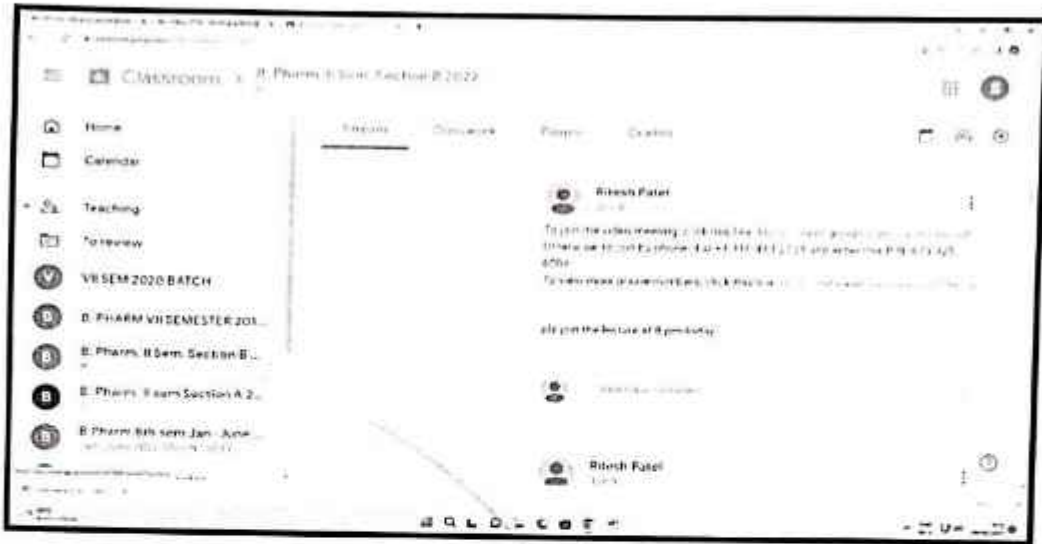


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Dr Ritesh Patel: Shared the Google Meet link for an online class on Google Classroom



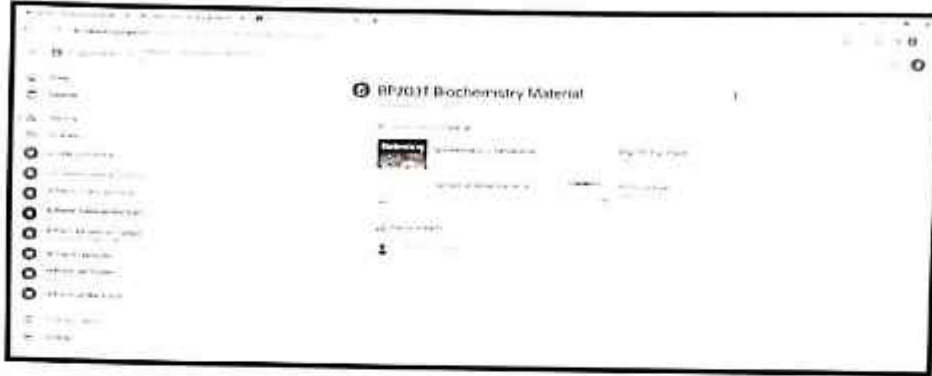
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Mr. Gaurav sasodiya: Shared study material and announced Examination schedule with B pharm students on Google Classroom.



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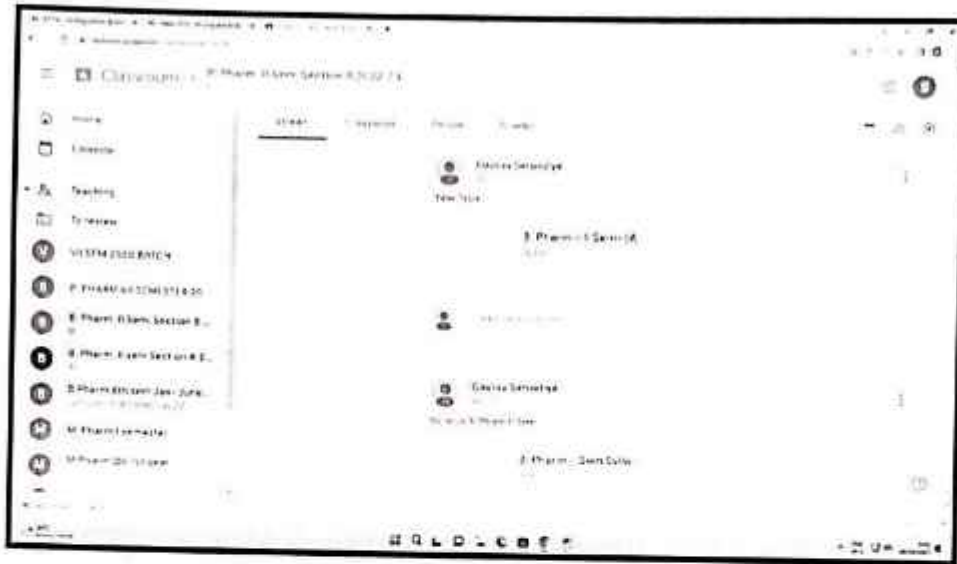


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Mr. Gaurav sasodiya: Shared Time table and syllabus with students on Google Classroom.




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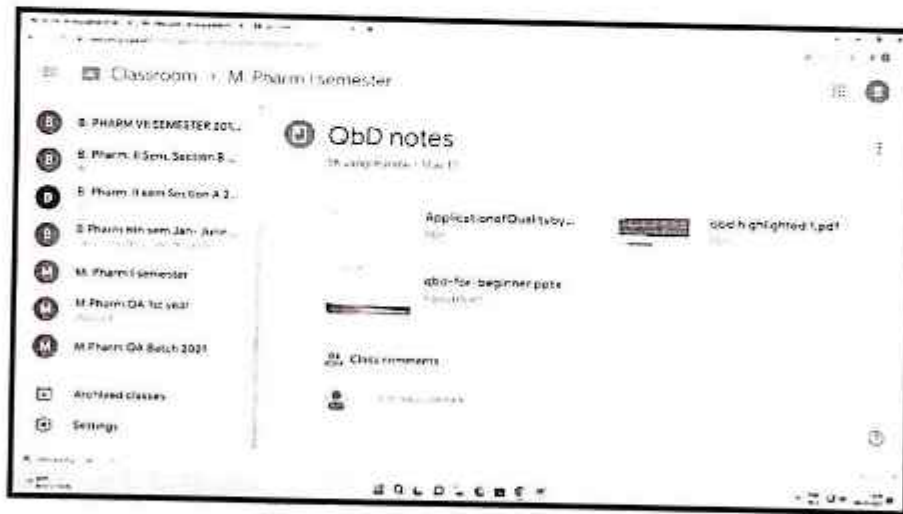
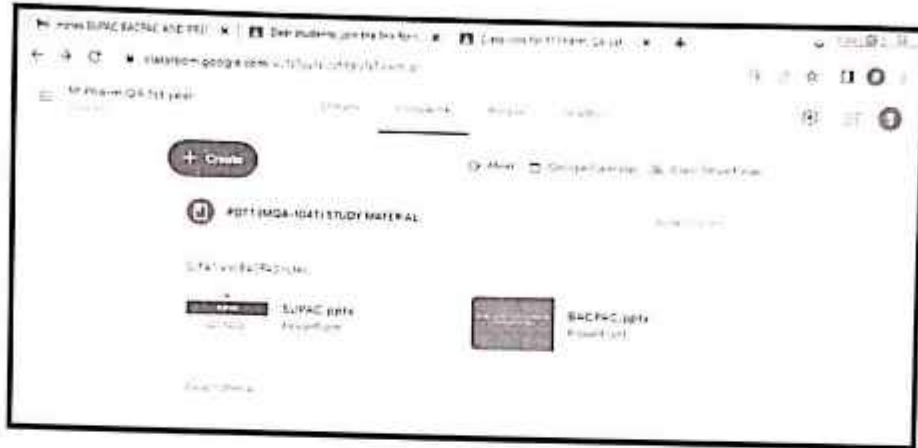




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Ms. Shivangi Patidar shared study material with the B pharm and M pharm students on Google classroom.



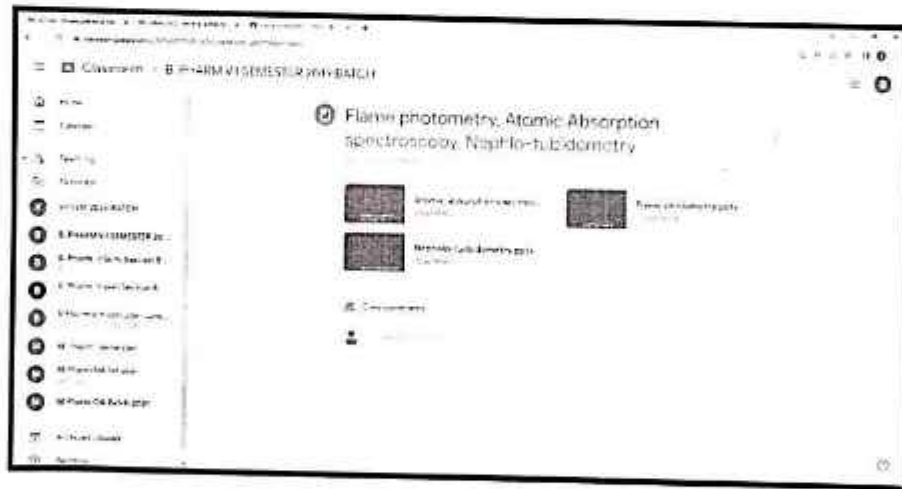
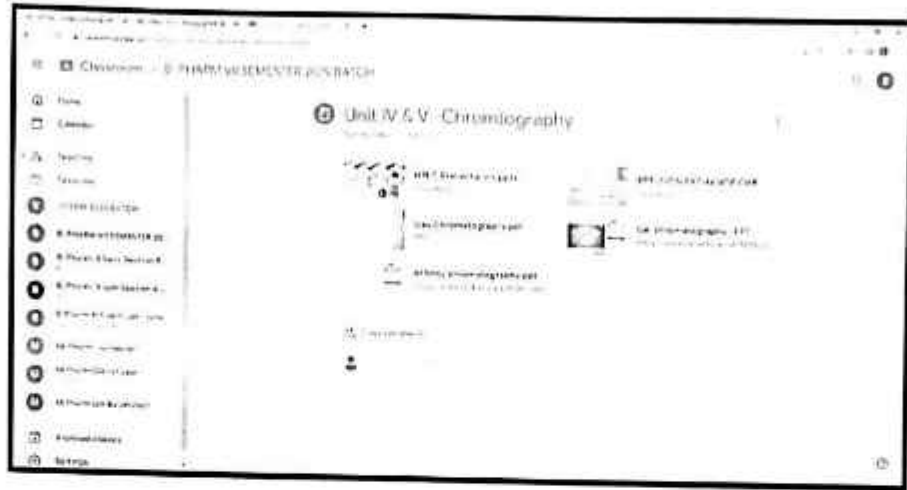
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Ms. Saloni Yadav: shared Instrumental method of analysis notes with students on Google Classroom.




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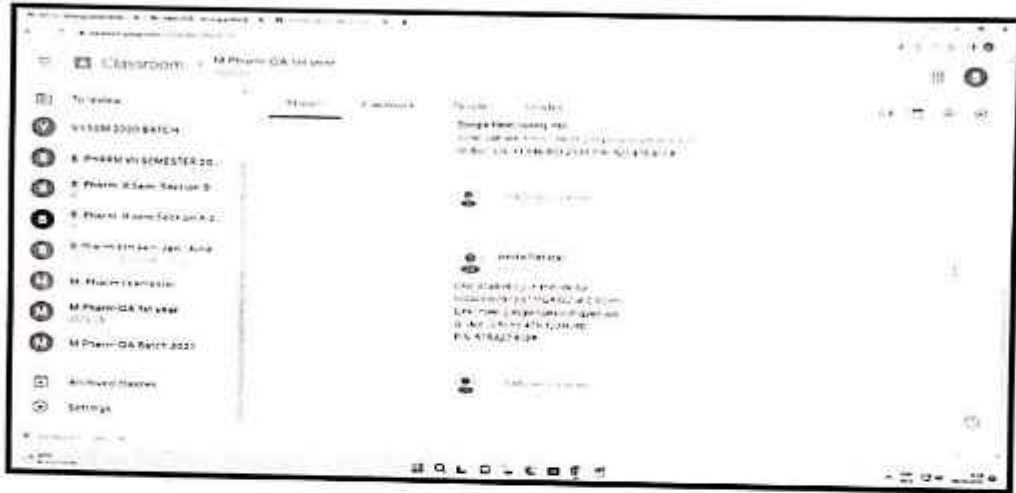


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Ms. Anita Patidar: Shared the Google Meet link for an online class on Google Classroom.




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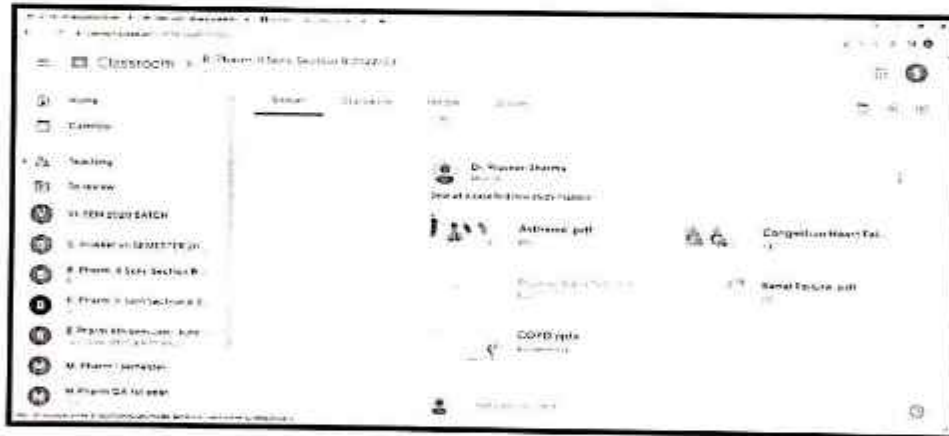
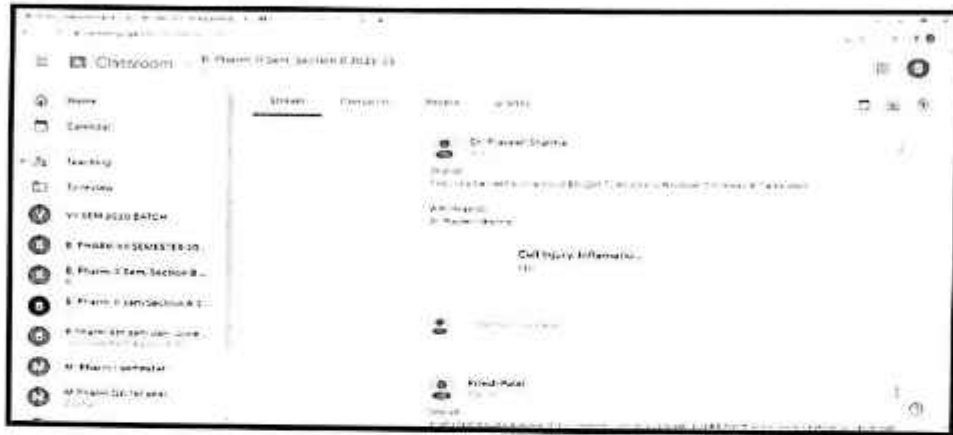


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Dr. Praveen Sharma: shared study material with the students on Google classroom.



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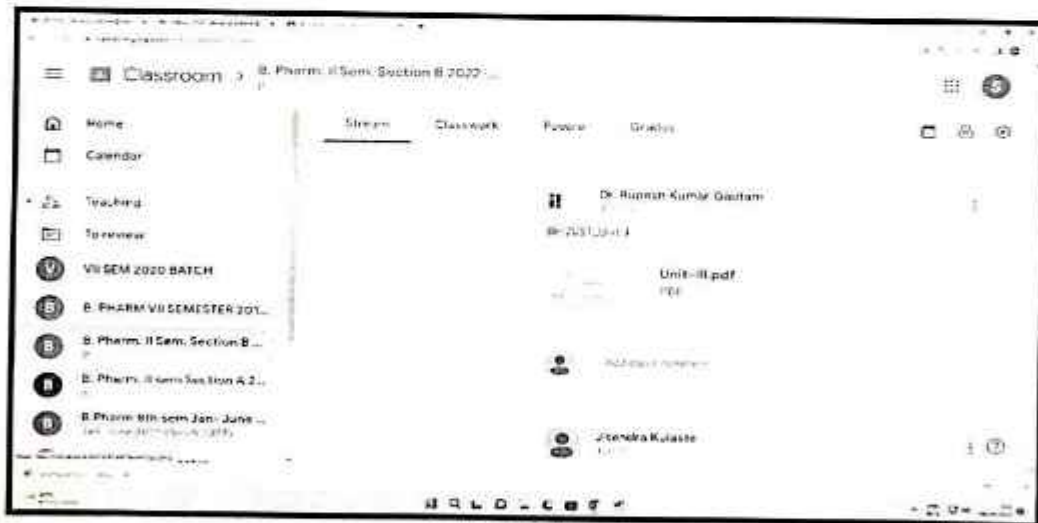


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Dr. Rupesh kumar Gautam; shared study material and assignment topics with the students on Google classroom.



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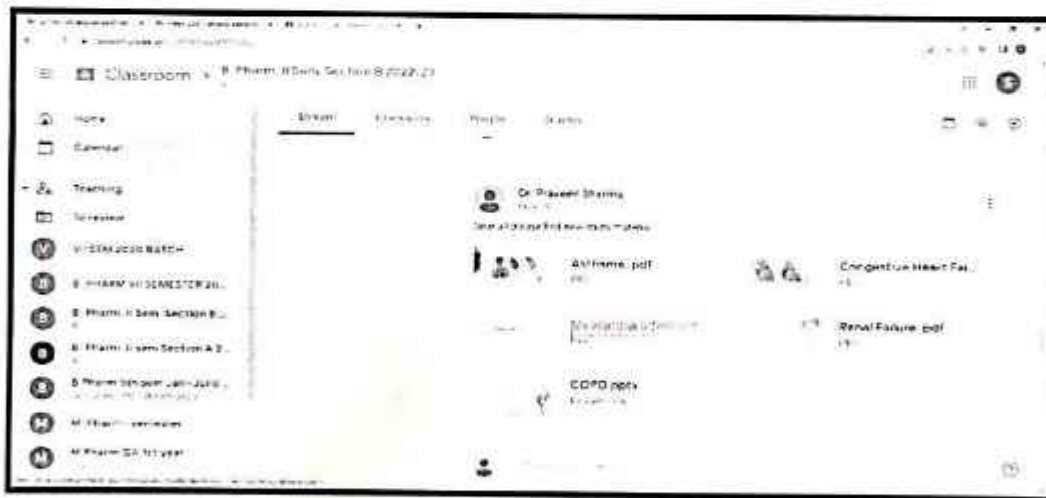


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Dr. Praveen Sharma: shared study material with the students on Google classroom.




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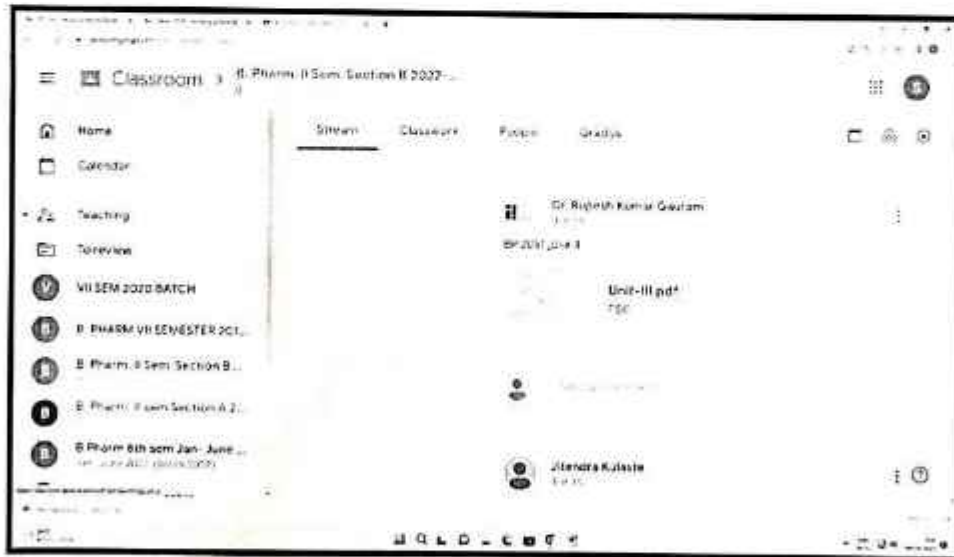
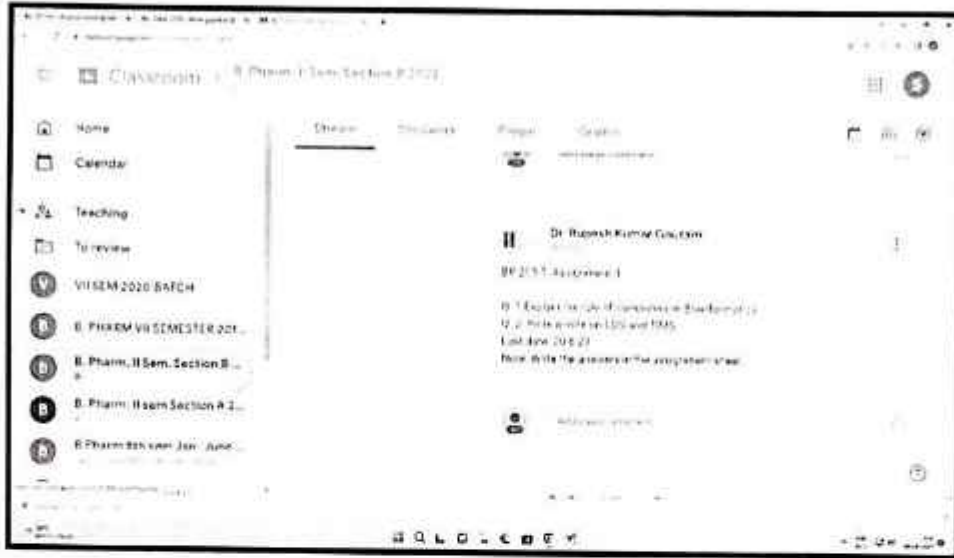
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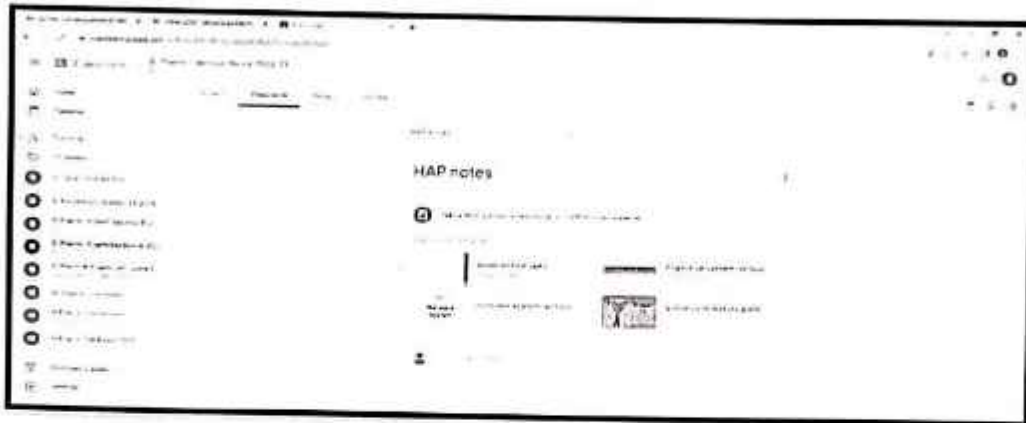


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Dr. Rekha Bisht: Shared study material with the students on google classroom.




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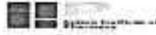


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Ms. Priyanka Depale: shared study material with the students on Google classroom.



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Soft skills and communication:



Dr. Sandeep Patil: uploaded communication skill related documents on google classroom.




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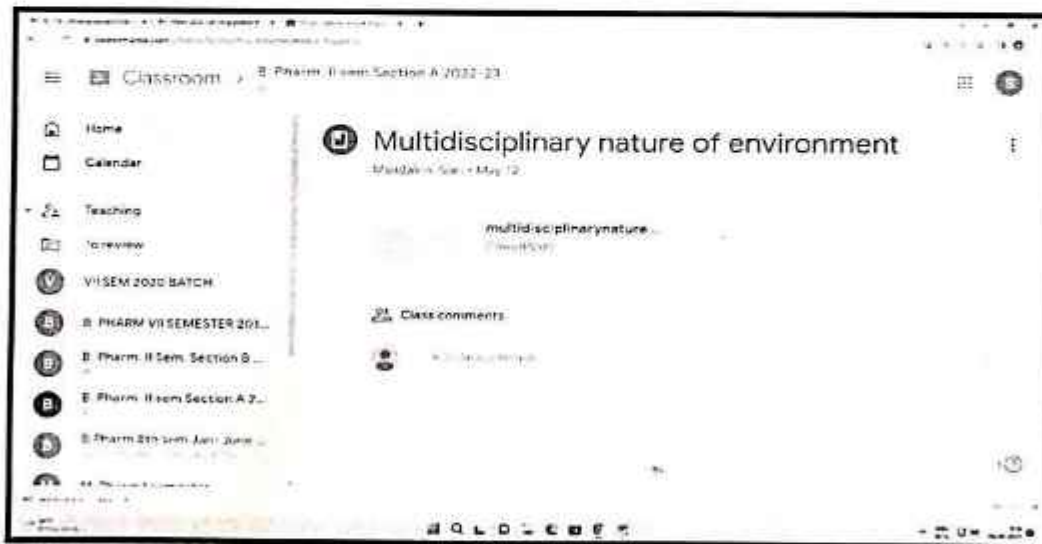
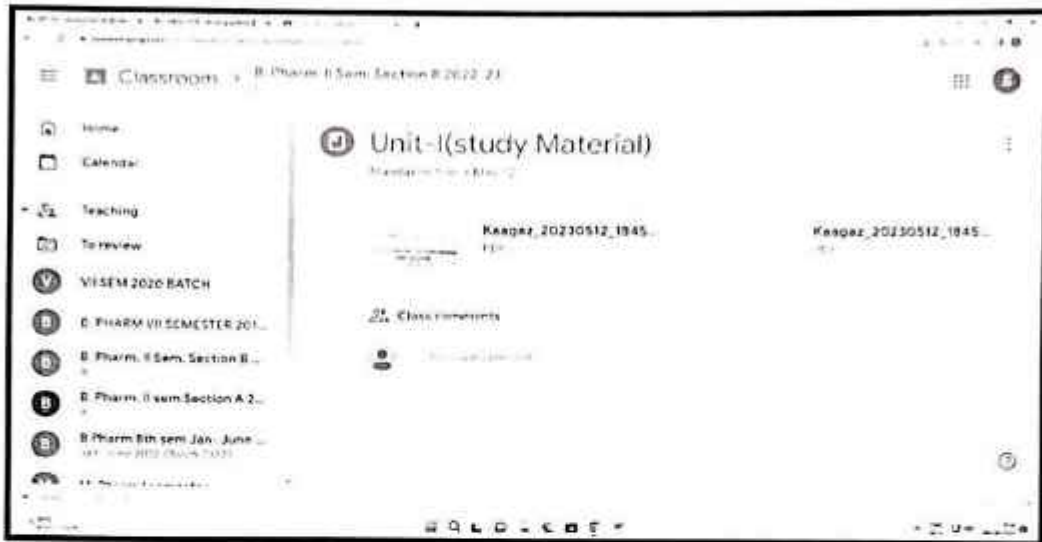


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Ms. Mandakini Soni: Shared notes with B pharm students on google classroom.




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GROUP DISCUSSION BASED TASK



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B. Pharma 2023 | Year

Group · 139 participants



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जाणक जान जहाज ह,
चढ़े सो उतरे पाट...



गुरु नानक
जयंती

की सार्विक आत्माका मला

*May the divine blessings of
Guru Nanak Dev Ji
be a guiding light in your life,
leading you to a path of
righteousness and compassion.*



ARUN S. BHATNAGAR IIS
Senior Lecturer
SPECIAL AGENT & IIS

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gaurav sarsodia Sir lip

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		AASHISH KANODIYA	
		ANKIT PURI	
		ANTIMA PANDEY	
		DURGESH PAWAR	
		KANISHKA PATIDAR	
		KHUSHI BORADE	
		NAMAN MALVIYA	
		PRATYUSH JAIN	
		PRITAM ROUT	
		RAHUL PRAJAPAT	
		RAJ SENGAR	

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M.Pharm 2nd Year 2021

Group · 25 participants



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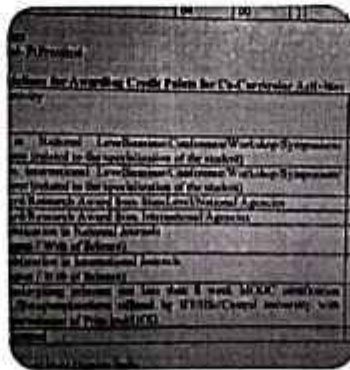
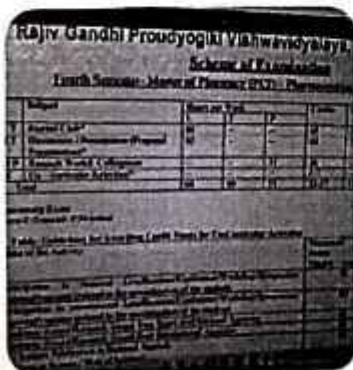
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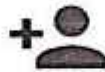


B Pharma 2022 II Year

Group · 142 participants



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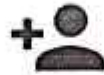
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B. Pharm 2020-IV Year B

Group · 75 participants



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DATE OF FILING 24/11/2021

APPLICANT NAME
1. Mr. Yash Rawla
2. Ms. Priyanshi Jain
3. Dr. Pritesh Palwal
4. Dr. Nadeem Ahmed Farooqui
5. Ms. Himani Jaisinghani

TITLE OF INVENTION POLYHERBAL TABLET FORMULATION WITH ANTI-TUSSIVE ACTIVITY

FIELD OF INVENTION BIOTECHNOLOGY

E-MAIL (As Per Record) tewari.sanchita@gmail.com

ADDITIONAL-EMAIL (As Per Record)

E-MAIL (UPDATED Online)





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B. Pharm 2020- IV Year A

Group · 80 participants



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Important Notice

This is to inform all the faculty staff and students that "Therapeutics" course is from 11th Nov, 2021 to 14th Nov, 2021.
11th Nov, 2021 - Shree Manda Jayanti (Holiday)
12th Nov, 2021 - Shree Hanuman Jayanti (Holiday)
and due to students' protest will adversely affect on 13th Nov, 2021 (Friday) lecture will attend online.
Lecture will resume from 20th Nov, 2021.

Note: All the eligible persons were contacted. This

Dr. Anshu Manohar
Principal
IIP
Indore Institute of Pharmacy

Sl. No.	Name	Roll No.	Grade	Section	Subject	Start Date	End Date
1
2
3
4
5

Dr. Anshu Manohar
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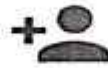
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D.Pharm. 2021- II Year

Group · 64 participants



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Syndicate group 4th

Group · 27 participants



Audio



Video



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← **Syndicate group 4th** ⋮

 **You** Group Admin
You have 2 primary choices in your life- To ac...

 **Sacchidanand Whatsapp** Group Admin
Focus on your goal 😊

 **Mohit Solanki**


 **Mukesh Pawar**
Can't talk, WhatsApp only

 **Nayan Joshi Whatsapp**

 **Nitesh Patidar**
मोहमायामुक्तः 🙏





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 **Pankaj Panwar**
Jay shree ram

 **Rohit Lovevanshi**

 **Rounab Biswas**

 **Sachin Chouhan**
🙏 Jay shree shyam 😊

[View all \(17 more\)](#)

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INDORE INSTITUTE OF PHARMACY, INDORE

Summary of Students enrolled year wise in Swayam/nptel courses

S.no.	Session	No. of students enrolled
1.	July-Dec.2023	22
2.	Jan-April 2023	187
3.	July-Dec. 2022	21
4	Jan-April 2022	29
5	July-Dec. 2021	26
6	Jan-April 2021	39
7	Jan- April 2020	86




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MACQUARIE
University
SYDNEY · AUSTRALIA

Mar 26, 2023

Sumit Naroliya

has successfully completed

Excel Skills for Business: Advanced

an online non-credit course authorized by Macquarie University and offered through Coursera

COURSE
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63
Dr. Praduman S. M. Yarramsetti, Lecturer and Lead Counselor (Online),
Dr. Praduman S. M. Yarramsetti, Lecturer and Lead Counselor (Department of Anatomical Studies & Research),
Dr. Praduman S. M. Yarramsetti, Director (Department of Research & Development) / Head, Learning Partners



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Verify at:
<https://coursera.org/verify/ESV14KZDY7NE>

Coursera has confirmed the validity of this certificate.
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Google

May 20, 2023

Sumit Naroliya

has successfully completed

Agile Project Management

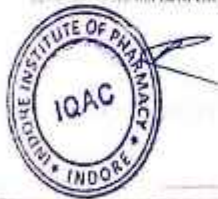
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Amanla Parvati

Chairman
Indore Career Certificates



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SPECIAL INTEREST GROUP (SIG)



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**40 Hrs training for B.Pharm 4th Sem
under SIG (Skill Improvement Group)**

Under SIG



In Association with



Faculty Coordinators:

Ms. Nayany Sharma

Dr. Nadeem Farooqui

Student Coordinators:

Ayushi Saxena | Kulshreshth Sharma

Contact: 81031 72858

Email: principalpharmacy@indoreinstitute.com

HST Campus, Opp. IIM(Indore), Rau-Pithampur Road, Indore-453331(MP)
Toll Free: 1000 103 3000 | 822 507 1000 / 822 407 1000



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Certificate of Participation

This is to certify that

Mr./ Ms. Kajal Bharambe

attended the training program on

"Quality Management System"

under "QMS Expertise" SIG during the session Jan-Jun 2023.

Organized by Indore Institute of Pharmacy.



S. Kumar
Mr. Sachin Bathwa
Resource Person

Dr. Divesh K. Mishra
Dr. Divesh K. Mishra
PRINCIPAL - IIP

Arun S. Bhatnagar
Mr. Arun S. Bhatnagar
Director General
IIST-IP-IPMR

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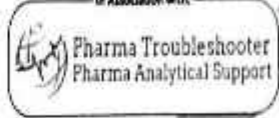


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In Association with:



Certificate of Participation

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Mr./Ms. KASAL BHARAMBE

attended the 45 hrs Training session on

"MS Excel"

conducted from 19th June, 2023

organized by Indore Institute of Pharmacy, under SIG activity.



Dr. Dinesh K. Mishra
PRINCIPAL - IIP

Arun S. Bhatnagar
Arun S. Bhatnagar (MRS)
Director General
IIST, IIP, IIMR

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Certificate

This certificate is awarded to

Kajal Bharambe

for participation in Special Interest Group on

Clinical Data Management & Pharmacovigilance (CDM & PV)

Organized by Indore Institute of Pharmacy, Indore

in Association with Clinical Orbit, Indore in the academic session Oct. - Feb. - 2023



Jagveer
Mr. Jagveer

President, Clinical Orbit
Healthcare Solutions Pvt. Ltd.

Dinesh K. Mishra
Dr. Dinesh K. Mishra
PRINCIPAL - IIP

Arun S. Bhatnagar

Arun S. Bhatnagar (IRS)
Director General
IIST, IIP, IIMR

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Certificate of Achievement

This certificate is awarded to

Kajal Bharambe

for participating/securing - position in Fireless Cooking competition during

61st National Pharmacy Week 2022,

organized by Indore Institute of Pharmacy from 20th to 26th November, 2022

Theme-2022

"Pharmacy of the World - India"



Dr. Dinesh K. Mishra
Dr. Dinesh K. Mishra
PRINCIPAL - IIP

Arun S. Bhatnagar
Arun S. Bhatnagar (IRS)
Director General
IIST, IIP, IIMR

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Principal
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GROUP EVENTS.

**STUDENTS
PARTICIPATED IN
VARIOUS COMPETITIONS**



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This Certificate is Proudly Presented to

Shivani Berman

for participating/securing 2nd position in Slogan (International Day Of Peace) competition
held on 21st Sept, 2022 under the aegis of Lexicon club.

We acknowledge your unrelenting efforts & wish you grand success in all your future endeavor.

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Dr. Dinesh K. Mishra
PRINCIPAL - IIP

Arun S. Bhatnagar (IRS)
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Certificate of Achievement

This Certificate is Proudly Presented to

Ayushi Saxena

for participating/securing 1st position in English Essay competition
held on 13th Oct 2022 under the aegis of Lexicon club.

We acknowledge your unrelenting efforts & wish you grand success in all your future endeavor.



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Arun S. Bhatnagar (ARS)
Director General
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12/2/23, 10:51 AM

IMG-20230817-WA0006.jpg



GPS Map Camera



Google

Dehri, Madhya Pradesh, India

JQHJ+P62, IIST Approach Rd, Rau, Dehri, Madhya Pradesh 453332, India

Lat 22.629283°

Long 75.780244°

17/08/23 12:27 PM GMT +05:30



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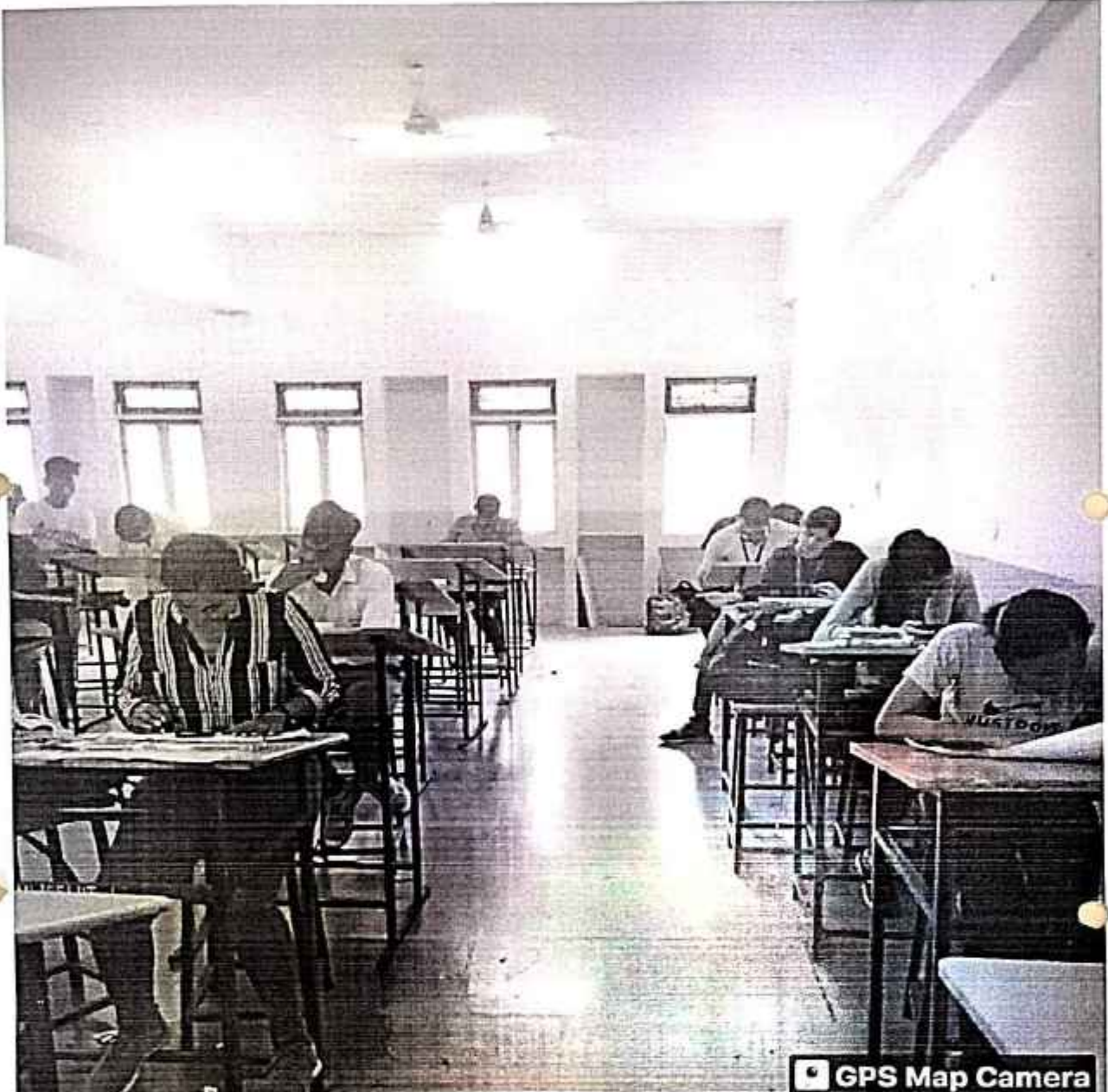


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GPS Map Camera



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Long 75.780392°

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Harshita Gauraha

for participating/securing 2nd position in Slogan (International Day Of Peace) competition
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We acknowledge your unrelenting efforts & wish you grand success in all your future endeavor.



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Arun S. Bhatnagar (IRS)
Director General
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Denyani Verma

for participating/securing 3rd position in English Essay competition
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We acknowledge your unrelenting efforts & wish you grand success in all your future endeavor.



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Dr. Dinesh K. Mishra
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Ayushi Tiwari

for participating/securing 2nd position in English Essay competition
held on 13th Oct 2022 under the aegis of Laxman club.

We acknowledge your unrelenting efforts & wish you grand success in all your future endeavor.



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Dr. Dinesh K. Mishra
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Arun S. Bhatnagar (IRS)
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IST, IIP, IIMR

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Ayushi Saxena

for participating/securing 1st position in Rangoli (Women Equality Day) competition
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We acknowledge your unrelenting efforts & wish you grand success in all your future endeavor.



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This Certificate is Proudly Presented to

Kunal Nehe

for participating/securing 1st position in Hindi Essay competition
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We acknowledge your unrelenting efforts & wish you grand success in all your future endeavor.



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Dr. Dinesh K. Mishra
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MyGov Congratulates

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for successfully completing the

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This is to Certify that

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of B. PHARM [IIND YEAR] has participated
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the institute on 17-18 April 2023 and secured IIND position.
His/Her efforts are appreciated & acknowledged. Our best wishes are with him/her.



Sukhley
Dean, Physical Edu. & Sports
IP

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IP



Arun Sphatnagar
Director General
EST - IP - BMR

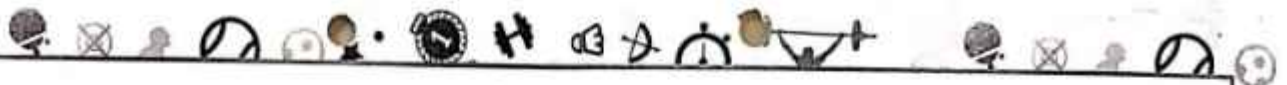
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of B. PHARM [IInd YEAR] has participated
in the AS STUDENT CO-ORDINATOR during the "Annual Sports 2022-23" held in
the Institute on 17-18 April 2023 and secured - position.

His/Her efforts are appreciated & acknowledged. Our best wishes are with him/her.



Sukhdev
Dean, Physical Edu. & Sports

[Signature]
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Arun Srinathnagar
Director General

[Signature]
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of B. Pharm (Tad) year has participated

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the institute on 17-18 April 2023 and secured Winner position.

His/Her efforts are appreciated & acknowledged. Our best wishes are with him/her.



Sankar
Dean, Physical Edu. & Sports
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[Signature]
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Arun Sphatnagar
Director General
IST - IP - IIMR

[Signature]
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ASSOCIATION (IPA)
CRUSADE FOR THE PROFESSION



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This is to certify that

Dr./Mr./Ms. Sumit Naroliya / Ayushi Saxena

has won III Runner up Prize in Poster Presentation Award (Offline/Online)

"Revolutionizing Biotechnology" (Unlearning Proteolysis Targeting
Chimeras Protacs Targeted Power
during DBT Sponsored One Day National Conference on 19th August 2023

"PBGOLD 2k23"

"Pharmaceutical Biotechnology: Global Opportunities & Latest Developments"

organized by Chameli Devi Institute of Pharmacy Indore.



Dr. Joy Banerjee
Group Director, CDGI

Dr. Arun Kumar Gupta
Principal, CDIP

Dr. Yusuf A Jaliwala
Secretary, IPA, MP Branch Indore

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मन्यमेव जयते

Ministry of Education
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राष्ट्रीय छात्र पर्यावरण प्रतियोगिता-2023 (NATIONAL STUDENTS PARYAVARAN COMPETITION-NSPC-2023)



श्री Tarun Atude

Indore institute of pharmacy

को राष्ट्रीय छात्र पर्यावरण प्रतियोगिता-2023 के स्नातक/स्नातकोत्तर वर्ग
में सफलतापूर्वक भाग लेने के लिए यह ई-प्रमाणपत्र प्रदान किया जाता है
is presented this e-certificate for successfully participating in NSPC-2023

3
26
Umesh

DR UMESH SHUKLA

Program Convener

Pramod

DR. PRAMOD KUMAR

Program Co-Coconvener

Ushaswari

DR. UMA SHANKAR

Program Co-Convener

Organised by:





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PROBLEM-SOLVING METHODOLOGIES



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RESEARCH PROJECTS



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**“A ROOT CAUSE ANALYSIS AND
IMPLEMENTATION OF CAPA IN PHARMACEUTICAL
QUALITY MANAGEMENT SYSTEM”**



**A PROJECT SUBMITTED TO
RAJIV GANDHI PROUDYOGIKI VISHWAVIDYALAYA, BHOPAL
TOWARDS PARTIAL FULFILLMENT OF THE REQUIREMENT FOR
AWARD OF THE DEGREE OF
MASTER OF PHARMACY
(PHARMACEUTICAL QUALITY ASSURANCE)**

September 2023



**Submitted by
Ms. Tanvi Sharma
0845PY21MP04**

**Supervised by
Dr. Gurmeet Singh Chhabra
HOD (Pharm. Quality Assurance)
IIP Indore**




**Principal
Indore Institute of Pharmacy,
INDORE (M.P.)**

**Co Supervised by
Ms. Saloni Yadav
Assistant professor
IIP Indore**

**INDORE INSTITUTE OF PHARMACY, INDORE
Pithampur Road, Opposite IIM, Rau, Indore, M.P, 453331
September 2023**

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**“DEVELOPMENT AND VALIDATION OF CALCULATION DATA
SHEETS TO ENSURE THE ACCURACY AND SECURITY OF
PHARMACEUTICAL DATA THROUGH QA PROCEDURES (QAPs)”**



**A PROJECT SUBMITTED TO
RAJIV GANDHI PROUDYOGIKI VISHWAVIDYALAYA, BHOPAL
TOWARDS PARTIAL FULFILLMENT OF THE REQUIREMENT FOR
AWARD OF THE DEGREE OF
MASTER OF PHARMACY**

(PHARMACEUTICAL QUALITY ASSURANCE)

September 2023



**Submitted by
Ankita Bhadoriya
0845PY21MP01**

**Supervised by
Dr. Gurmeet Singh Chhabra
HOD (Pharm. Quality Assurance)
IIP, Indore**



**Principal
Indore Institute of Pharmacy,
INDORE (M.P.)**

**Co-Supervised by
Mr. Sachin Bathma
AASRA, Indore**

**INDORE INSTITUTE OF PHARMACY, INDORE
Pithampur Road, Opposite IIM, Rau, Indore, M.P, 453331
September 2023**

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Registered - Under 1956/217

**“COMPUTER SYSTEM VALIDATION OF PACKI CODE
VERIFICATION SYSTEM”**



**A PROJECT SUBMITTED TO
RAJIV GANDHI PROUDYOGIKI VISHWAVIDYALAYA, BHOPAL
TOWARDS PARTIAL FULFILLMENT OF THE REQUIREMENT FOR
AWARD OF THE DEGREE OF
MASTER OF PHARMACY**

(PHARMACEUTICAL QUALITY ASSURANCE)

September 2023



**Submitted by
Mr. Niel Ravi Daniel
0845PY21MP02**

**Supervised by
Dr. Gurmeet Singh Chhabra
HOD (Pharm. Quality Assurance)
IIP, Indore**




**Principal
Indore Institute of Pharmacy,
INDORE (M.P.)**

**Co-Supervised by
Mr. Gaurav Sarsodiya
Assistant Professor
IIP, Indore**

**INDORE INSTITUTE OF PHARMACY, INDORE
Pithampur Road, Opposite IIM, Rau, Indore, M.P, 453331
September 2023**

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INDUSTRY BASED PROJECTS



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APEX TECHNICAL SERVICES

CERTIFICATE

... of training ...

This certificate is presented to

NIEL RAVI DANIEL

For completing his/her training program with the company's CSV department from August 2022 to January 2023.



12-Jun-2023

Date

**amit
nimbe**

Signature (CSV Head)

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by amit nimbe

Date:
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489, Shree Krishna Paradise, Phase-1, Rau,
Indore. (M.P.), 453331 Phone-9406686640

Mail:axiom.aasra@gmail.com

Website: axiomaasra.com

To,

Att.: Miss. Ankita Bhadoriya

Certificate of Completion

We want to inform you that the head has approved your following project work to
Improve documentation practices at different Pharmaceutical industries,
at Axiom Analytical Services, Indore and the company's director.

**“Development and Validation of Calculation Data Sheets to ensure the Accuracy
and Security of Pharmaceutical data through QA procedures (QAPS)”**

The project was completed successfully under my guidance with regular submission
of the project progress reports. We wish you all the best for your future endeavor.

Thanks & Regards

From
AXIOM ANALYTICAL SERVICES

AXIOM ANALYTICAL SERVICES
489, Shree Krishna Paradise, Phase-1, Rau, Indore. M.P., 453331
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COMPUTERIZED SYSTEM VALIDATION – A REGULATORY REQUIREMENT IN PHARMACEUTICAL INDUSTRY

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Abstract : Validation is a key requirement in terms of pharmaceutical industry as to ensure the quality which is related to the products or services being served by the pharmaceutical companies. It is an important ingredient imposed by authorities worldwide to balance the production of pharmaceutical and medical devices. In respect to this, the Food and Drug Administration (FDA) introduced Good Manufacturing Practice (GMP) to maintain and improve the quality of pharmaceutical products. Proper qualification and validation of all of the critical manufacturing equipments, utilities, and facilities in the pharmaceutical industries prior to production is one of the major GMP requirements. Computer Systems Validation (CSV) is a process used to certify and document that a computer based systems will generate information or data that meet a set of defined requirements. If a system meets these requirements, it can be assumed that it is consistently performing in the way it was intended. Computer system validation checks the effectiveness and the efficiency with which the system is meeting the purpose for which it was designed. This study aims to identify needs of computer system validation of equipment practiced in the perspective of pharmaceutical industry.

Keywords: Computer system validation, qualification, good automated manufacturing practice, food and drug administration, validation.

I. INTRODUCTION

Validation is an important requirement imposed by authorities worldwide to regulate the production of pharmaceutical and medical devices. Validation also ensures the quality which is related to the products or services being provided by the pharmaceutical companies, in respect to this, the Food and Drug Administration (FDA) introduced Good Manufacturing Practice to maintain and improve the quality of pharmaceutical products [1]. The US FDA was the first to initiate the definition of the principles for software validation. The goal is to protect the patient's health [2]. All new system, process and equipment must be validated before being used in the commercial production of the products. Some systems and processes whose validations is required are Water system, cleaning of equipment, manufacturing process, HVAC system, analytical method, computer system, autoclave and compressed air system [3]. A validation assessment program is a necessity in the pharmaceutical industry to ensure the adherence to pharmaceutical cGMP guidelines, and to help companies maintain consistent quality. Validation is referred to as qualification when the same approach is applied to a machine or equipment instead of a process [4].

II. GOOD MANUFACTURING PRACTICE (GMP)

It ensures that products are repeatedly produced and controlled according to the quality standards that are appropriate to the intended use and as required by the marketing authorization. The major GMP requirement is that all of the manufacturing equipment, utilities, and facilities in the pharmaceutical industries that are critical must be properly qualified and validated before proceeding for the production [4]. Inspections should be regularly performed to monitor if GMP is implemented and complied with. Computer System Validation is applied to GxP computerized system applications which are used at any point in the research, distribution, storage processes, clinical testing, manufacturing, ex:

- LIMS



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GxP computerized system means that the computer system or application is in compliance with the regulatory requirements^[7].

III. COMPUTERIZED SYSTEM AND ITS OBJECTIVES

The process used to test, validate and qualify that a computer – based system does as intended, what it is designed to do in a repeatedly and accurate manner is known as Computerized System Validation (CSV). To confirm by examination and provision of objective evidence that computerized system specifications conform to user needs and intended uses, and that all requirements can be consistently fulfilled^[8]. The validation process for computerized systems shall be in compliance with regulatory standards as well as corporate policies and defined quality standards. Computerized systems shall be maintained in a validated state throughout their lifecycle. The system shall be validated from the user perspective to ensure accuracy, reliability and performance. Software shall be meeting intended use and requires objective evidence that the requirements can be consistently fulfilled. A system for which the CSV is to be performed can either be a Closed System or an Open System.

3.1 Closed Systems are the systems having an environment in which system access is controlled by persons who are responsible for the content of electronic records that are on the system.

e.g.: most applications are considered to be closed systems.

Document Management Systems, Manufacturing Execution Systems, Training System.

3.2 Open Systems are the systems having an environment in which system access is not controlled by persons who are responsible for the content of electronic records that are on the system.

e.g.: Internet.

Good computer system validations have many advantages like improve quality assurance, reduce other validation cost and time, improve GMP compliance and 21 CFR part 11 regulation which impact on product quality, safety, identity or efficacy that subject to GxP rules^[6].

IV. 21 CFR PART 11 REGULATIONS

The FDA provides detailed controls for Electronic Records and Electronic Signatures in the Code of Federal Regulations. Part 11 of the Code of Federal Regulations - Title 21 states that what an organization must do to implement an FDA compliant, digital QMS which includes E – Signatures and Electronic Records successfully^[7].

4.1 GENERAL PROVISION

Part 11 applies to all electronic records that fall under FDA regulations. If an organization can prove to an auditor that their electronic records/signatures are as trustworthy as paper records/ink signatures, the FDA will accept electronic instead of paper.

4.2 ELECTRONIC RECORDS


Organizations using electronic records must establish and document procedures and controls that ensure the following qualities in their electronic records;

- Authenticity
- Integrity
- Confidentiality

The following topics must be addressed in documented procedures and controls;

- Computer Systems Validation (CSV)
- Record rendering
- Document storage and record retention
- System access
- Audit trails
- Workflows
- Authority checks
- Device checks
- Personnel qualifications
- Personnel accountability
- Document control^[9].




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4.3 ELECTRONIC SIGNATURES

Organizations that wish to use electronic signatures must inform the FDA in writing prior to making the switch.

- Each individual who will be using an electronic signature must;
 - Have their identity confirmed and
 - Use a unique signature that has never been and will never be used by another individual.
- There are specific design requirements for electronic signatures that are biometric (e.g., fingerprint scan) and those that are not (e.g., user ID and password).
- For electronic signatures that make use of user IDs and passwords/passcodes, there are specific requirements for passwords and for passcode generating devices ^[9].

V. VALIDATION IN THE DAILY BUSINESS

As discussed earlier that validation is referred to as qualification when the same approach is applied to a machine or equipment instead of a process. FDA's 21 CFR Part 11 requires validation of systems to guarantee reliability, accuracy and consistent intended performance. It means defining that how the elements of their systems are supposed to work. To make sure that validation of processes is legitimate, you have to do calibration. It is a process which demonstrates that an instrument is producing results within the specified limits as compared to those produced by a traceable standard over an appropriate range of measurements. Validation of the GxP compliant systems includes all stages of the qualification and CSV is only performed when the system is GxP compliant either partially or fully, which are;

- Design Qualification (DQ)
- Installation Qualification (IQ)
- Operation Qualification (OQ)
- Performance Qualification (PQ) ^[10]

VI. GOOD AUTOMATED MANUFACTURING PRACTICE (GAMP)

It is a set of instructions and procedures created in 1991 by pharmaceutical professional. Pharmaceutical manufacturers and users of automated systems must obey these guidelines to attain the compliance with FDA 21 CFR part 11. It is in reference to a guidance document entitled GAMP-5: A Risk-Based Approach to Compliant GxP Computerized Systems. We now have the following four categories which are shown in the Fig. 1; ^[10]

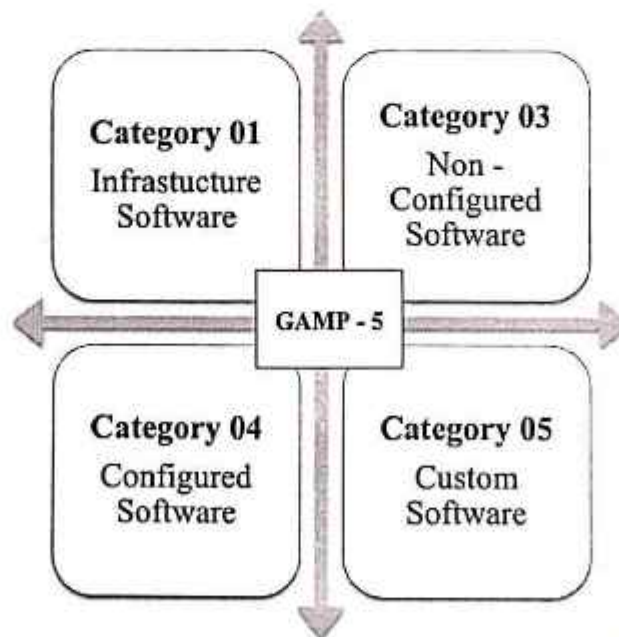


Figure 1: classification of software categories as per gamp – 5 Indore Institute of Pharmacy

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VII. IMPORTANCE OF SOFTWARE DEVELOPMENT LIFE CYCLE MODEL.

A series of phases that helps in creating an effective software system and its management throughout the lifecycle is known as SDLC. It is the package of documentation which helps in ensuring and providing proof that an application has been implemented and in a compliant way. It is the main component of CSV [2]. Software validation happens within the environment of an established software life cycle. The software life cycle holds documentation and software engineering tasks which are necessary to support the software validation attempt. In addition, the software life cycle carries specific verification and validation functions that are appropriate for the intended use of the software [3]. The software development life cycle is a framework explaining tasks performed at each step in the software development process.

Phases of SDLC are;

- Requirements Gathering
- System Analysis and Design
- Development
- Testing
- Deployment
- Maintenance

Some of the models of SDLC in which the process executes in a sequential manner are;

- Waterfall Model
- Spiral Model
- V – Model
- Agile Model [11]

VIII. COMMON VALIDATION DELIVERABLES

A deliverable is any unique and verifiable generated results, or capability to perform a service that must be produced to complete a process, phases, or project in computer system validation. The selection of the validation deliverables depends upon the GxP assessment and Categorization of the software according to the GAMP 5. The most important thing is to define the desired project results and work through the deliverables to each of them. The more defined the deliverables are, the easier it is to forecast the timeline, the budget and the scope. Below is the list of deliverables; [17]

Table 1: system validation deliverables

Sr. No.	Validation Deliverables
1	User Requirements Specification
2	Change Control
3	Vendor Questionnaire
4	Initial Risk Assessment (GxP Determination)
5	Validation Plan
6	Functional Requirements Specification
7	Functional Specification
8	Design Specification
9	21 CFR Part 11 Compliance Assessment
10	Risk Management Protocol Cunn Report
11	Security Plan and Administration
12	Coding Standard
13	Source Code Review
14	User Manual and Training SOP
15	IQ, OQ, PQ Protocol
16	IQ, OQ, PQ Test Scripts Execution
17	Deviations and Discrepancies Form
18	Requirement Traceability Matrix
19	IQ, OQ, PQ Report
20	Disaster Recovery Plan
21	Backup and Restore Plan
22	Business Continuity Plan
23	Periodic Review Questionnaire



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IX. CONCLUSION

A computer system must be validated at the time of installation, before and during any project is running, any change in the software or computer system. Systematic computer system validation helps to prevent software problems from production environment. Problems occurring in the production environment of the pharmaceutical industry may lead towards the risk of patient's health and safety. To mitigate and control these risks, FDA regulation has mandated the need to perform computer software validation and these regulations has the impact of law. Failing in FDA audit can result in FDA inspectional observation and warning letters and failure to take corrective action in a particular timing can results in shutting down manufacturing facilities, consent decrees, and stiff financial penalties. So computer software validation is very important for pharmaceutical companies and laboratories. Good computer system validations have many advantages like improve quality assurance, reduce other validation cost and time, improve GMP compliance and 21 CFR part 11 regulation which impact on product quality, safety, identity or efficacy that subject to GxP rules.

X. ABBREVIATIONS

CFR: Code of Federal Regulation
CSV: Computerized System Validation
GAMP: Good Automated Manufacturing Practice
GMP: Good Manufacturing Practice
IQ: Installation Qualification
LIMS: Laboratory Information Management System
LIS: Laboratory Information Systems
NON CDS: Non Chromatography Data System
OQ: Operational Qualification
PQ: Performance Qualification
SCADA: Supervisory Control and Data Acquisition
SDLC: Software Development Life Cycle
SOP: Standard Operating Procedure
USFDA: United States Food and Drug Administration

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SIX SIGMA – A MANAGERIAL TOOL TO IMPROVE PHARMACEUTICAL QUALITY

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ABSTRACT: Six Sigma is a statistical expression that is applied to the quality management system to develop a structure for process improvement. It is used to measure the degree of deviation of a process from precision. Less than 3.4 parts per million (ppm) of faults is the quality indicator for this approach. To accomplish intended outputs and customer satisfaction, this methodology actively links people, processes, and results logically. Motorola created Six Sigma in the 1980s as a tool for improving process quality. Process development, process design/redesign, and process management are the three core elements it focuses on. The DMAIC (Define, Measure, Analyze, Improve, and Control) and DMADV (Define, Measure, Analyze, Improve, and Control) procedures are used to achieve the six sigma aim (Design, Measure, Analyze, and Define & Verify). It features more data analysis capabilities and a stronger financial focus than TQM. Total Quality Management (TQM) and Six Sigma (Six Sigma) are two effective methodologies for continuous improvement that have a shared purpose and base. The variables, methods, concepts, advantages, limitations, and applications of six sigma in the pharmaceutical business are discussed in this article.

KEYWORDS: Total Quality Management (TQM), Continual improvement, Methodology, Quality management, Root cause, Statistical tools

INTRODUCTION: Six Sigma is a set of numerical tools used in quality management to build a process improvement framework. The phrase refers to a statistical assessment of how much a process deviates from perfection. It's an organization's operating strategy that benefits consumers, stakeholders, employees, and suppliers in a mutually beneficial way. It's also a flexible, customer-centric, planned, efficient, proactive, and quantitative idealistic approach to business improvement that aims to enhance quality, speed up deliveries, and cut expenses. Six Sigma is a top-down methodology that necessitates extensive analysis, fact-based judgments, and a control plan to ensure that a process's quality is maintained.¹ The quality indicator for achieving six sigma is in parts per million (ppm), which means that the process outputs must have less than 3.4 faults per million. Six Sigma is a statistician's word for standard deviation, or the degree of variation in a set of dimensions or a process. It's a meticulously managed procedure aimed at producing and providing near-perfect products and services. Six Sigma allows for cultural transformation by dynamically linking people, processes, and outcomes in a precise, adaptable manner to get the results that businesses seek. It also understands what is important to consumers.² This article focuses on use of six sigma in pharmaceutical industry its future approach along with its methodologies, quality management tool and aspects of process improvement.^{1,2}

ADOPTION OF SIX SIGMA

In the 1980s, Motorola created Six Sigma as a tool for improving process quality. Many companies in the United States, including General Electric, Motorola, and DuPont, have successfully implemented their improvement programs. DuPont began their six-sigma journey with the main aims of achieving sustainable growth through productivity, quality improvements to maximize productivity, shareholder, and social value, and pursuing "knowledge intensity" across all of their companies. More than 3000 Six Sigma projects have been completed, with 10,000 Master Black Belts and Green Belts trained globally, 500 financial analysts and managers, and more than 12,000 Six Sigma initiatives currently underway in all regions and lines of business.^{1,2}

This adoption is grouped in to different generations as follow in Fig. 1

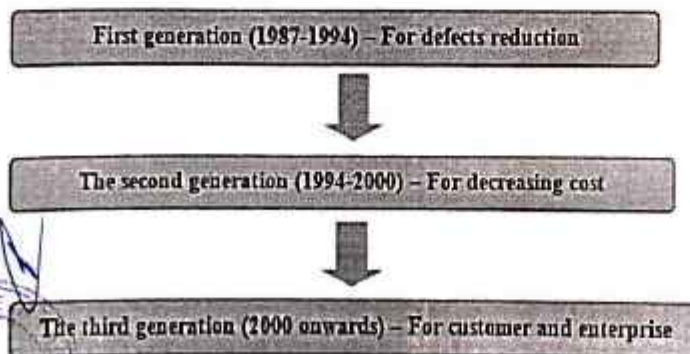


Fig.1 Generations of six sigma



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ELEMENTS OF SIX SIGMA ^[1]

Three basic elements are as follow:

1. Process improvement
2. Process design/re-design
3. Process management

PROCESS IMPROVEMENT ^[2]

Its main objective is to eradicate the root causes of performance and deficiencies in processes. These deficiencies in performance could cause real problems for the organization or maybe prevent their efficient and effective working.

PROCESS DESIGN/RE-DESIGN ^[2]

An only making improvement in ongoing processes is not enough, and therefore, there is a need to design new processes and redesign the existing processes.

It is necessary due to several reasons:

- An organization may prefer to replace one or more of its key processes rather than repair them.
- During a process improvement project, an organization realizes that just upgrading an existing process can never reach the level of quality that its consumers want
- A company sees a chance to launch a whole new product or service.

PROCESS MANAGEMENT ^[2]

Process management is often the toughest and most time-consuming part of Six Sigma. It requires an elemental change in the way an organization is controlled and managed

consists of:

- Defining processes and key customer requirements
- Measuring performance against customer requirements
- Analysing data to enhance measures and refine the process management process
- Controlling process performance by monitoring responding quickly to problems and process variations.

SIX SIGMA METHODOLOGIES ^[1, 2]

DFSS: It is defined by Watson and DeYong (2010) as "a process to define, design and deliver innovative products provides competitively attractive value to customers in a manner that achieves the critical-to-quality characteristics for all the significant functions". It is used in the context of new product development that focuses on quality from the very beginning. ¹

DMAIC: This methodology DMAIC (Define, Measure, Analyze, Improve, and Control) is commonly used to describe the steps taken in a Six Sigma project to accomplish a continual improvement approach. It is also used in solving problems that aim at process improvement and is a favorable choice focusing on reducing cost, difficulties, or deprival. The selection of the methodology, in the end, depends on the specific requirements and is generally used for process development. As detailed in Fig.2

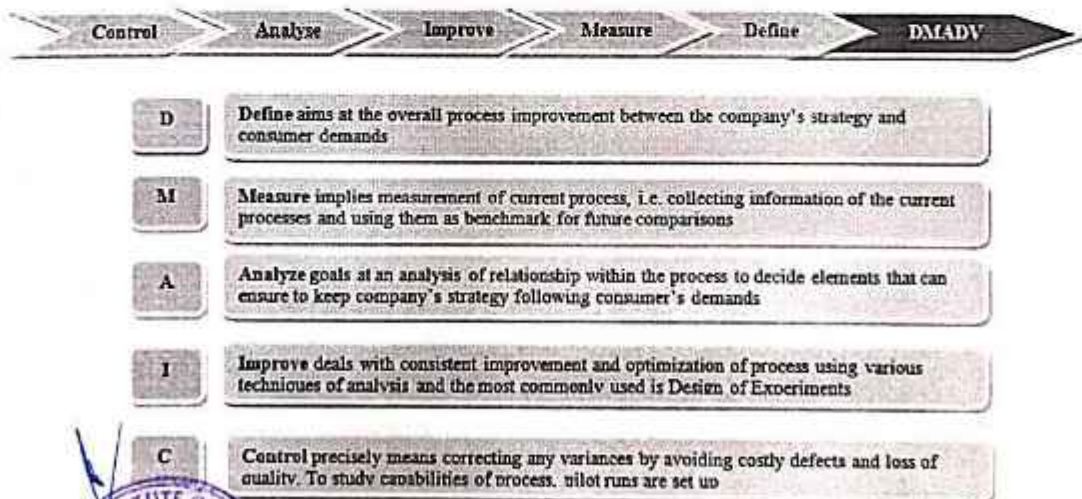


Fig.2 DMAIC Methodology



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TOOLS OF DMAIC¹¹

At Yellow belt Level

- Flowcharts
- Check sheets
- Pareto diagrams
- Cause/effect diagrams
- Scatter diagrams, histograms
- Statistical Process Control

At Black belt Level

- Regression analysis
- Hypothesis testing
- Control charts
- Design of Experiments

DMADV: This methodology DMADV (Define, Measure, Analyze, Design, and Verify) is useful if the product or service under consideration is still at the early stages of development or major design changes are required. In five phases of DMAIC improvement and control phases are replaced by design and verify phases. The purpose of this methodology is to achieve the Six Sigma level from the start of the design phase. ^(1,2)

This methodology should be used when:

- There is no existence of product or process in the company and it needs development
- The existing optimized product and services are unable to meet the level of six sigma and product specification
- A product improvement, adjustment, or designing of completely new product according to customer requirements
- The goal is to create a high product by achieving every stage of product development as per the customer requirements

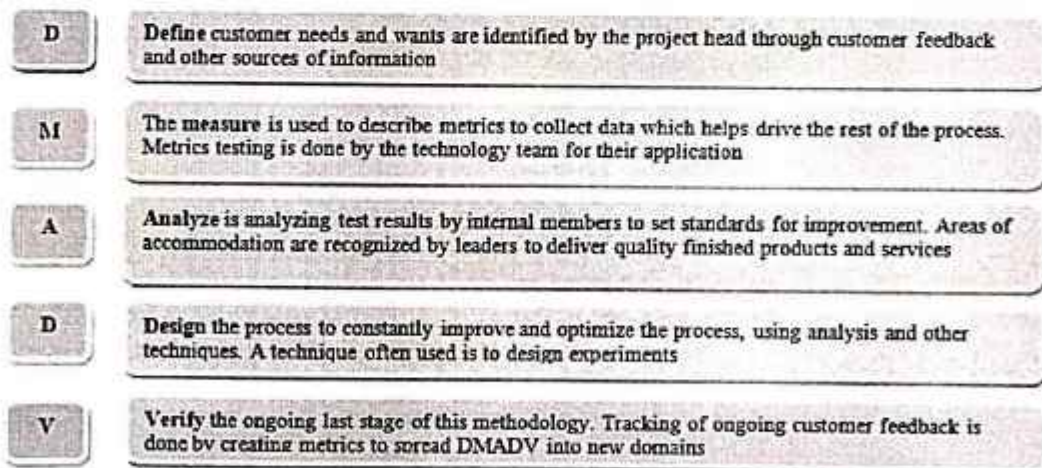
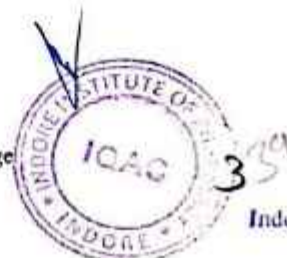


Fig.3 DMADV Methodology

ADVANTAGES OF SIX SIGMA ^(1,3)

1. Helps reduce costs and project timed
2. Helps improve results and data integrity
3. Helps enhance product development cycles and process design
4. Helps eliminate root cause of the problem, prevent defects
5. Helps improve both efficiency of the line and production capability
6. Helps minimizing waste and need of inspection
7. Helps improve profitability of the company by reducing defects at early stage
8. Helps improve relationship outside and within the organisation
9. Helps strengthen customer loyalty by satisfying their needs



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10. Helps focus on developing and delivering near-perfect products and services³
11. Helps to eliminate defects so as to get as close to "zero defects" as possible³

DISADVANTAGES OF SIX SIGMA^[1]

1. It does not yield any cost savings at all
2. Improving product quality can generate capital costs and long term overhead costs in terms of more quality personnel
3. Data collection and analysis take up time and resources; this is called the cost of quality, the cost of achieving high quality must be balanced against other business objectives.
4. It does not work well with intangible results. They are best for physical products and business processes.
5. Its implementation constantly requires skilled man force.
6. It emphasizes the rigidity of the process which contradicts the innovation and kills the creativity

TERMINOLOGIES IN SIX SIGMA

- **Quality:** A capability to produce goods and services as per customer's requirement in the best, most effective and efficient manner. The goods and services that meet customer demands are termed quality products^[4]
- **Total Quality Management:** TQM is held to be a quality approach to improve organizational performance to achieve customer satisfaction. It is known for continuous quality improvement, quality management, and total quality control^[5]
- **Quality Tools:** The benefit of these tools is that they can recognize the effects of the processes that cause uncommon variability in process results into errors and poor quality products. Tools like Pareto charts, histograms, control charts, etc. contributes to quality improvement by efficiently knowing the cause of abnormal variability in a process^[4]
- **Root cause:** Identifying the origin of a problem affecting the quality of a product by chasing its cause and effect^[5]
- **Root Cause Analysis (RCA):** A systematic approach of identifying the root cause of problems and providing tools to resolve them so to minimize the need for recurrence^[5]
- **Root Cause Analysis Tools:** Tools that assist in determining the root cause of problems^[5]
- **Continual Development:** A continuous effort to improve a process, product, and services along with business strategy, results, consumers, employees, and supply chain management^[4]
- **Critical to Quality:** A tool that structures and translate information collected from customers into measurable critical process requirements that can meet to satisfy users' demands^[6]
- **Lean:** The term 'Lean' can be used as a 'coherent philosophy' that introduces new ways of doing things considered as 'leanness'. It is also used to describe the philosophy of the Toyota Production System (TPS) developed in the car manufacturing industry.^[6]
- **Lean Six Sigma:** It is an approach of continuous improvement, with a goal of driving efficiencies and standardization in processes, with well establishment in the manufacturing and supply chain industries. The term is also relevant in healthcare supply chain management.^[7]
- **Value:** Perception of an end user giving outer reference of a process is the basis of value. Lean is based largely on insights, with the purpose to increase the proportion of value-adding activities in a process.^[7]
- **Voice Of Customers:** Customer engagement - to collect their feedback about their experiences with and outlook of products or service.^[7]
- **Fishbone:** A methodology of 'Sort, Set in Order, Shine, Standardize and Sustain cyclically to reduce waste. It maintains orderly workplace and visual cues to optimize productivity.^[7]

STATISTICAL QUALITY TOOLS

The quality control tools are simple statistical tools used by organizations for problem-solving and process improvements. These tools were introduced to Japan by the Quality Gurus such as Deming and Juran. Collectively, these tools can provide ease of analyzing, implementing, and tracking processes for quality improvements. Furthermore, it helps to deals with the basic concepts of QC tools and can be used to solve 95 percent of all problems to improve quality. These tools are important to observe the overall process and continuous development at manufacturing sites. They tend to improve processes by investigating the modes of defect, root cause and ways to reduce them. For solving quality problems QC tools used are Pareto Diagram, Cause & Effect Diagram, Histogram, Control Charts, Scatter Diagrams, Graphs and Check Sheets. See in Fig.3^[8, 9, 10, 11]



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- **Value:** Perception of an end user giving outer reference of a process is the basis of value. Lean is based largely on insights, with the purpose to increase the proportion of value-adding activities in a process. ^[7]
- **Voice Of Customers:** Customer engagement - to collect their feedback about their experiences with and outlook of products or service. ^[7]
- **Fishbone:** A methodology of 'Sort, Set in Order, Shine, Standardize and Sustain cyclically to reduce waste. It maintains orderly workplace and visual cues to optimize productivity. ^[7]

STATISTICAL QUALITY TOOLS

The quality control tools are simple statistical tools used by organizations for problem-solving and process improvements. These tools were introduced to Japan by the Quality Gurus such as Deming and Juran. Collectively, these tools can provide ease of analyzing, implementing, and tracking processes for quality improvements. Furthermore, it helps to deals with the basic concepts of QC tools and can be used to solve 95 percent of all problems to improve quality. These tools are important to observe the overall process and continuous development at manufacturing sites. They tend to improve processes by investigating the modes of defect, root cause and ways to reduce them. For solving quality problems QC tools used are Pareto Diagram, Cause & Effect Diagram, Histogram, Control Charts, Scatter Diagrams, Graphs and Check Sheets. See in Fig.3 ^[8, 9, 10, 11]



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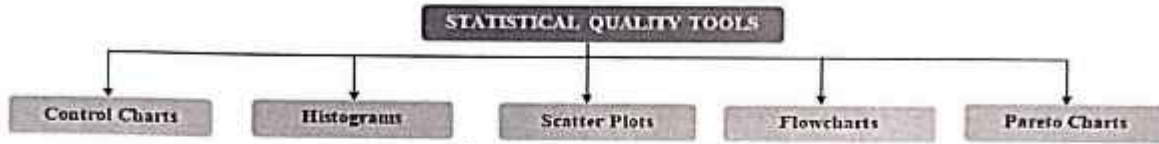


Fig.3 Statistical Quality Tools

Fig.3 Statistical Quality Tools

1. CONTROL CHARTS

Dr. Walter A. Shewhart had developed control charts during the 1920s while he was with Bell Telephone Laboratories and considered them as "technically sophisticated" charts to maintain quality. These charts are used to find preventable causes and to determine the nature and amount of variation. These are a special form of 'run charts' that reduce defects and find whether the process is in 'statistical control' or not. It can be determined by confirming that the samplings are between Upper Control Limit (UCL) and Lower Control Limit (LCL) if the process is not in between UCL and LCL it is out of control as shown in (Fig 4) point A is within the control while point B is out of the control. [8,9,10,11]

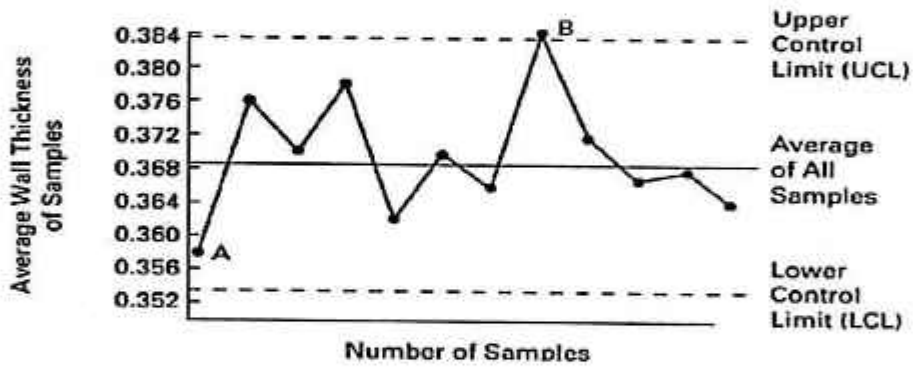


Fig. 4 Control Chart

2. SCATTER PLOTS

It is a plot that helps to detect and analyze the relationship between two variables. The relation can be there among the variables or it may not exist. This tool can determine the kind of relation between the variables that can be positive, negative, simple, or complex. The degree and direction among variables are determined by the shape of the scatter plot. The relation between two variables can show the cause of problems. In the graph, one variable is plotted on X-axis and the other on Y-axis hence, multiple observations can be represented. The pattern of scattering of points in the quadrant indicates the relationship between the two variables. [6, 9, 10, 11]

The relationship shown by scatter diagram can be:

- i. Positive correlation
- ii. Negative correlation
- iii. No correlation



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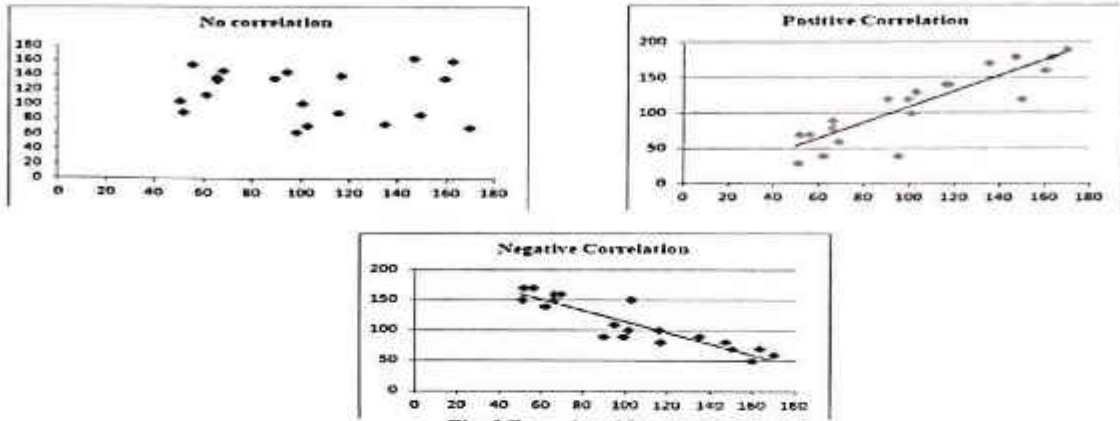


Fig. 5 Examples of Scatter Plot

3. HISTOGRAMS

They are bar graphs or charts used to show the distribution of data or frequencies. It can be a helpful tool in determining the distribution pattern. It displays the various central tendency measures arranged in ascending order. It divides all variables into groups representing equal class intervals. [8, 9, 10, 11]

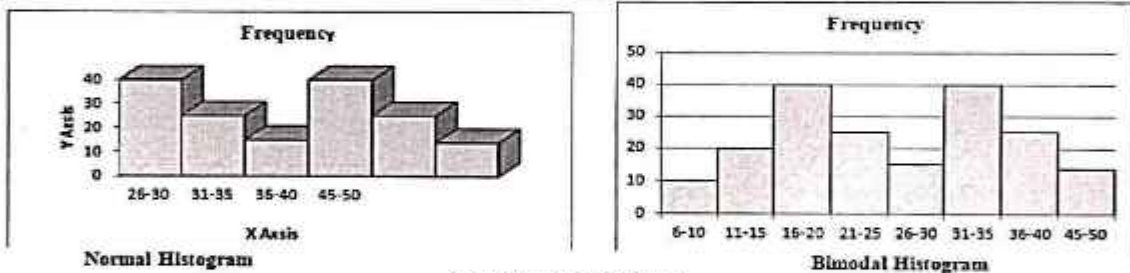


Fig. 5 Types of Histogram

4. PARETO CHARTS

A Pareto diagram is a tool that organizes objects based on the degree of their involvement hence, finds the most influential object in the process. It is the combination of a bar graph and a line chart that determines the effect of input factors on output products. It may help in prioritizing the quality problems, improvement projects, team to solve problems, to take corrective actions. This tool can determine the non-conformances, defects, and reasons for product rejections. It is based on the principle of the 80/20 rule indicates that the majority of results are derived from the minority of inputs. This rule is commonly used in the ABC analysis of material management. To make Pareto chart data is arranged in descending order. [8, 9, 10, 11]

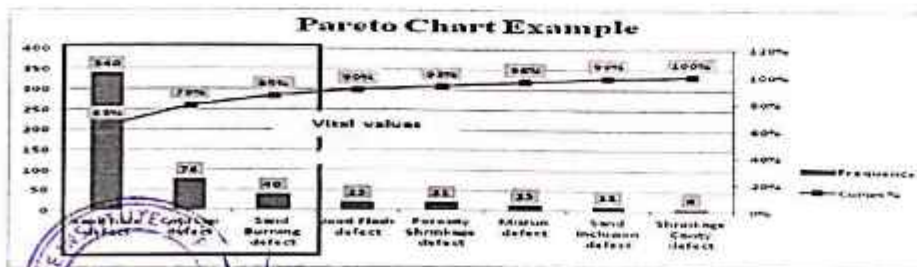
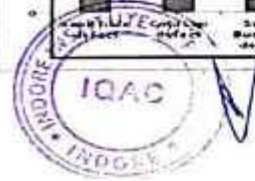


Fig. 6 Pareto charts



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5. FISHBONE DIAGRAM

This diagram is also known as the Cause and Effect Diagram. It was founded by Dr. Kouro Ishikawa in 1943 hence, also known as Ishikawa Diagram. It orderly relates an effect of the problems and their possible causes. It is useful to present problems systematically and generate ideas to solve problems. It is a tool for root cause analysis of problems important for an organization's improvement. This diagram includes six key elements namely environment, materials, machine, measurement, man, and method. [8, 9, 10, 11]

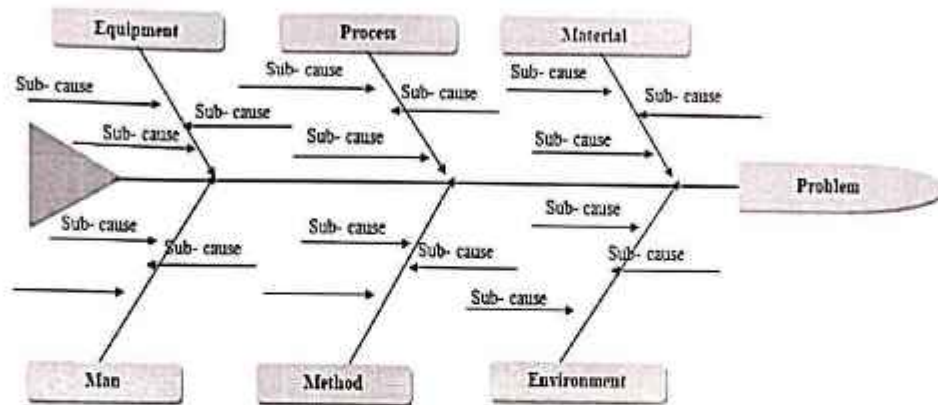


Fig. 7 Fishbone Diagram

SEVEN MANAGEMENT TOOLS

The seven new quality tools are a robust set of tools that have been effectively employed as decision-making tools for team-based projects. These tools, when combined with the core seven quality tools (covered earlier in this chapter), give simple visual aids for understanding various processes. These technologies are very beneficial for solving situations that aren't well-structured. [12]

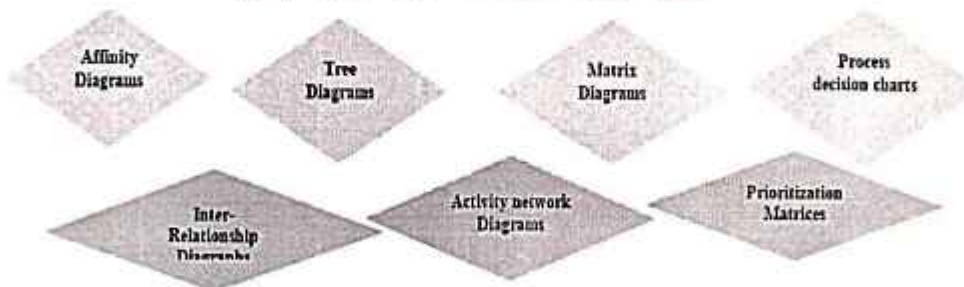
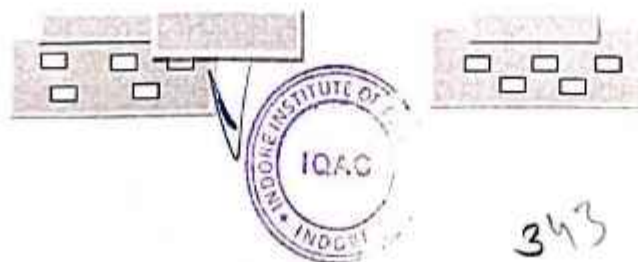


Fig. 8 Seven Management Tools

1. AFFINITY DIAGRAMS

An affinity diagram is a visual tool for organizing large volumes of data into groups based on their connections. As shown in Fig 9. [12]



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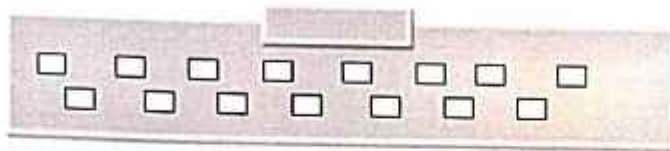


Fig. 9 Affinity Diagram

2. INTERRELATIONSHIP DIAGRAM

The interrelationship digraph is used to show the correlation between different concerns of a situation. This graph may be used as an expansion of the affinity diagram. This diagram shows the connection between the complex processes and this arrow connects the ideas and issues. It is considered the best tool to determine complex issues.^[12]

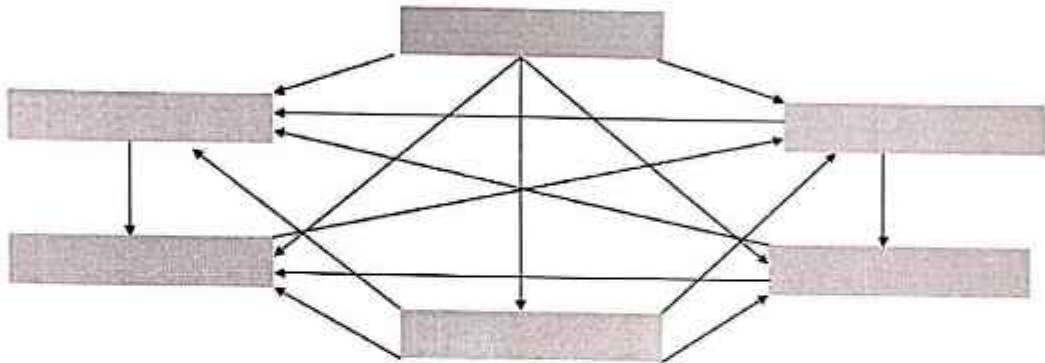


Fig. 10 Interrelationship Diagram

3. MATRIX DIAGRAM

A matrix diagram is a tool for detecting, interpreting, and ranking the correlation between two or more variables. Elements with better test scores or a closer link are given great attention. This matrix comes in six distinct shapes, depending on how many groups are compared and roof-shaped. This grid usually has many options that need comparison and several criteria for evaluation. The diagram aims to rank options from the most desirable to least desirable. As shown in Fig.11^[12]

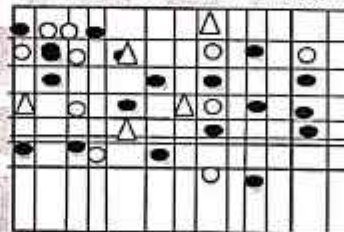


Fig. 11 Matrix Diagram

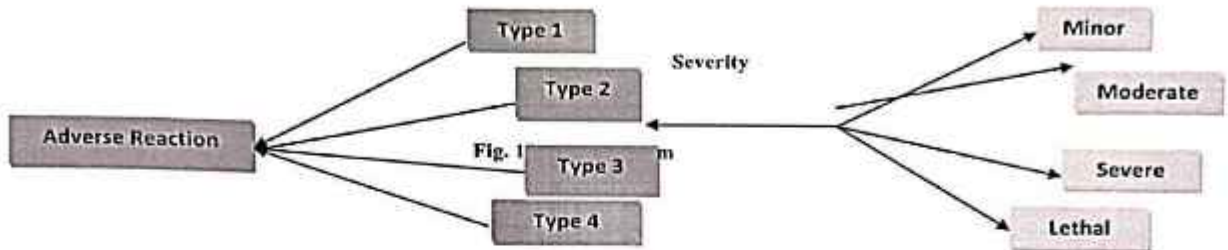
4. TREE DIAGRAM

The tree diagram is used to disintegrate broad categories into more specific degrees of detail. It begins with one product or problem and then spreads into two or more. It helps to split data to get the details of a general idea. This diagram starts by dividing issues into branches, further making sub branches described as next levels.^[12]



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5. PRIORITIZATION MATRICES

To make decisions including several criteria and alternatives, a ranking grid is employed. This tool prioritizes issues based on weighted criteria. In dealing with a situation involving this grid, there are frequently multiple options to compare several criteria to analyze. The objective is to rank the options from the most desirable to the least desirable.^[12]

1	a	b	c	d	e	f	g
3							
4							

6. PROCESS DECISION CHARTS

A tool for contingency planning is the Process Decision Program Chart (PDPC). These charts can be used to implement a plan or program, as well as to improve one. It aids in the brainstorming and identification of potential issues.^[12]

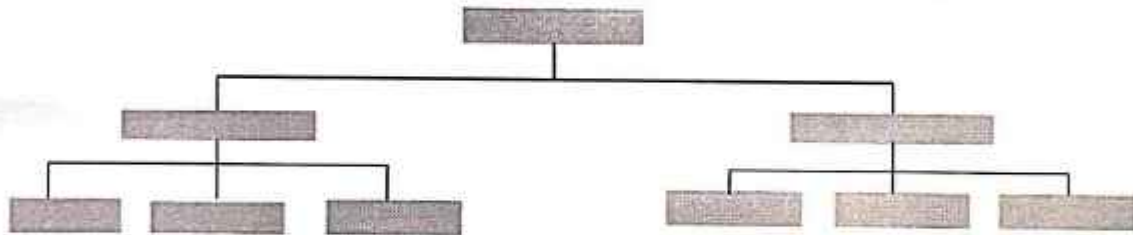


Fig. 14 Process Decision Charts

7. ACTIVITY NETWORK DIAGRAM

The Activity Network Diagram is used for planning, scheduling, and forecasting. The Critical Path Method (CPM) and Program Evaluation and Review Technique (PERT) are common examples. They are used to determine the duration, area, and route of the project. This project route identifies the completion and the slack times for activities.^[12]

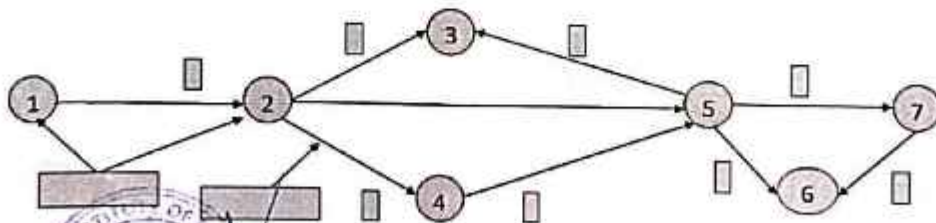


Fig. 15 Activity Network Diagram



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Six Sigma and TQM

Six Sigma has evolved to become an expansion to Total Quality Management. Since the Six Sigma method of Design, Measure, Analyse, Improve, Control (DMAIC) resembles Deming's Plan, Do, Check and Act (PDCA) Six Sigma act as an addition to quality development initiatives such as the Total Quality Management. Both of them are key methodologies for continual improvement. They have the same aim of pursuing customer satisfaction and commercial profit. However, it is tough to replace TQM completely with Six Sigma. TQM can be defined as a continuously evolving quality management system or business culture which consists of values and tools focusing on customer satisfaction and the use of fewer resources. TQM and Six Sigma are very powerful continuous improvement methodologies that share common goals and grounds in terms of theory, philosophical approach, aims, principles, links to the teachings of Deming, focus on people, customer, process, and dependence on management support along with the approach of design. Data analysis tools and more economical focus are extensions of six sigma found in TQM. See Table.1^[12]

TABLE. 1 COMPARISON OF SIX SIGMA AND TQM

S.no	Total Quality Management (TQM)	Six sigma
1.	It has a broad approach that includes and binds everyone in the company	It has a team based project management approach
2.	It is considered as a management process that applies management principles	It includes two dimensions management and analysis
3.	It helps to find gradual advantages in financial results and customer service	It may helps reinforce the values of TQM at organizational level
4.	It can be the universal and comprehensive umbrella that reaches to all stakeholders	It can be the extension that provides a strong structure for achieving greater process improvements
5.	As an important aspect of TQM it targets supplier management	Suppliers are targeted only if they are critical to quality process under investigation
6.	It has an extensive performance target which applies to the total product	Single critical quality characteristic is its performance target

PRINCIPLES OF SIX SIGMA^[13]

- Aligning key processes and customer requirements with the strategic goals
- Identifying champions for each project, obtaining necessary resources and
- Securing help to overcome the resistance to change
- Instituting a standard measurement system and identifying appropriate metrics
- Training, deploying improvement teams, and setting stretch improvement goals

SIX SIGMA IN PHARMACEUTICAL INDUSTRIES^[14,15,16]

Six sigma has got popularity in many pharmaceutical industries over the last few years. Continuous improvement directly indicates the success of an organization. The marginal cost of quality products results in an intense battle of industries with competitors. Better understanding and execution of this method will be beneficial to industries from a competitive point of view. Hence, it is adopted mainly for reducing waste, cost, cycle, and time. The pharmaceutical industries must realize the vision that they must continue to process quality products. A product free from contaminants, impurities to maintain its quality, efficacy, and safety to deliver its therapeutic value is termed a quality pharmaceutical product

Key points for the need to implement six sigma in pharmaceutical companies:

- By changing traditional ways to conduct clinical trials and begin to implement initiatives by the use of six sigma methodology
- By focusing on technology integration and improving workflow to meet challenges
- By expanding new ventures which are not possible by homegrown process improvement
- Qualitative clinical development evaluations are done by tested research approaches

Pharmaceutical industries have adopted six sigma as a process improvement strategy. For a better understanding of product quality, FDA has taken quality metrics as an initiative. These metrics help to ensure improvement in inspections, identify factors leading to supply disruption and provide consumer-friendly information on quality consumers. The future of manufacturing is assured by six sigma quality for both patient/consumer healthcare and economic reasons. It helps to ensure continual improvement in processes to minimize safety and efficacy risk for complex products. These industries should eliminate drug shortages; recall providing more reliability and less risk to their consumers.

They should ensure real-life cost saving as a drive to six sigma performance on the manufacturing side. These industries should adopt Quality by Design (QbD), new emerging technologies along with these methodologies. The capability of the process to produce products and services that can meet the specific requirement is known as process capability. The index that determines



the capacity of the process to generate outputs within the specified limits is termed as Process capability index. It is denoted by Cpk. This index also measures the natural variation of a process relative to its specification limitations. Process capability indices are formed to express highly desirable capability with an ascending higher value.

The values present near or below zero highlights that process is operating at higher variation. They are formed to state ascending order of value of highly desirable capability. The process is operating at higher variation if values occur below or near zero. By improving product quality, reliability of delivery and reduced product costs this method can allow organizations to improve competitiveness. It focuses on integrating technology to improve workflow to meet challenges and for the extension of new ventures, which are impossible using process improvement methodologies. It strongly correlates with financial performance by providing approaches for process improvement and the quantitative evaluation of clinical development.

FUTURE OF SIX SIGMA^[17]

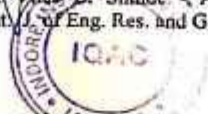
Six sigma is more likely to be considered one of the major initiatives aimed at improving the management process than a flash in the pan. The main objective should be to improve overall management performance, not only to identify and enumerate deficiencies. Researchers and practitioners are attempting to integrate six sigma with other existing innovative management practices that have been put in place to make six sigma methods even more attractive to different organizations that might have not started or fully implemented the six sigma method. Incorporate and compare the principles and features of six sigma with total quality management. The organization's successful implementation and growing interest in six sigma methods have been found exploded in recent years. It is rapidly becoming a major driving force for many technology-driven, project-driven organizations. Factors affecting successful six sigma projects include management participation and organizational engagement, project management and control skills, cultural change, and ongoing training.

CONCLUSION

Six Sigma is a set of numerical tools used in quality management to build a process improvement framework. It ensures the delivery of near-perfect products and services. It helps in reducing costs, time, and waste and minimizes the need for inspection. It works based on process improvement to determine the root cause of the problems, process design/ redesign to ensure the involvement of new processes, and improvement of the existing processes. It allows for cultural transformation by dynamically linking people, processes, and outcomes in a precise, adaptable manner to get the results that businesses seek. It utilizes different methodologies that are DMAIC and DMADV, and sometimes it adopts DFSS used in the context of new product development that focuses on quality from the very beginning. The quality control tools are simple statistical tools used by organizations for problem-solving and process improvements. The seven new quality tools are a robust set of tools that have been effectively employed as decision-making tools for team-based projects. It acts as an addition to quality development initiatives such as Total Quality Management. Both of them are key methodologies for continual improvement. They have the same aim of pursuing customer satisfaction and commercial profit. However, it is tough to replace TQM completely with Six Sigma. This technique has got popularity in many pharmaceutical industries over the last few years. Continuous improvement directly indicates the success of an organization. The marginal cost of quality products results in an intense battle of industries with competitors. Pharmaceutical industries have adopted it as a process improvement strategy. It is more likely to be considered one of the major initiatives aimed at improving the management process than a flash in the pan. The organization's successful implementation and growing interest in six sigma methods have been found exploded in recent years. It can play a major role and their full space for its advancement and scope in the future. These technologies are very beneficial for solving situations that aren't well-structured. This article focuses on the all worthy and useful aspects of Six Sigma.

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Quality Metrics - Key Performance Indicator for Pharmaceutical Industry

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Abstract: Quality plays an important role to achieve customer satisfaction as their valuable feedbacks add more to the quality of product. It helps in making an effective quality management plan to reach the goal of quality. In most of the pharmaceutical industries monitoring of quality systems are done by Quality metrics. During the manufacturing operations Key Performance Indicators (KPI) are represented by a systematic approach of Quality metrics. Its aim is to measure, evaluate and monitor the product and process lifecycle. It also plays a key role in selection of material suppliers and also to minimize the supply chain disruptions. The data of quality metrics can contribute in the development of an effective Pharmaceutical Quality Management which leads to higher level of safety, efficacy, delivery, and performance. Quality metrics helps in gaining the desired quality output by meeting the FDA and cGMP requirements. Therefore it is an important aspect to enhance product quality and helpful in operations and continuous improvement.

Keywords: Quality, Key Performance Indicator (KPI), Quality Metrics (QM), Manufacturing Operations, Pharmaceutical Quality System (PQS)

1. Introduction

Quality Metrics in pharmaceutical manufacturing is commonly used to measure, evaluate, and monitor the product and process lifecycle. The data obtained from the quality metrics may lead to higher levels of safety, efficacy, delivery, and performance.¹ Quality metrics are used throughout the drug and biological product industry to monitor processes and drive continuous improvement efforts in manufacturing.² A key component of this work is related to the evolution and effectively watch over the quality performance in pharmaceutical manufacturing as well as in distribution operations. Quality is the first and foremost requirement of pharmaceutical throughout the operations in its business perimeter.⁴ Pharmaceutical companies are controlled and guided by the Pharmaceutical Quality System in context of quality. The system provides oversight and assurance which are the key elements necessary for controlling the laboratory processes and the pharmaceutical manufacturing processes throughout the entire life of the products from when the products are developed to when they are sold.³ Pharmaceutical Quality System is driven by standards of Good Manufacturing Practices (GMP), and Good Distribution Practices (GDP), with supporting concept of GXP. The deployment of quality professional and experts are more in manufacturing plant as compared to any other sectors of pharmaceutical operations.⁴ It is important to note that quality metrics must be established in an effort to directly improve the product quality.⁶

2. Key Features of Quality Metrics

- In pharmaceuticals, they are used to validate the manufacturing process.
- Continuous improvement and updation of pharmaceuticals can be achieved by it.
- Quality attributes process parameters can be determined and assessed in the pharmaceutical manufacturing.
- Manufacturers can easily process data, evaluate drugs quality and maintain products with the help of quality metrics.⁵

3. Background on FDA's Quality Metrics Program

3.1 Year 2004, FDA presented the report "Pharmaceutical CGMPs for the 21st Century – a Risk-Based Approach", narrating FDA's intent to implement a modern, risk-based pharmaceutical quality assessment system.

3.2 Year 2012, with the transit of the Food and Drug Administration Safety and Innovation Act, FDA was authorised to collect records and information of pharmaceutical manufacturing from regulated industry as part of FDA's risk-based oversight.

3.3 Year 2013, as part of an effort to understand the underlying causes of product shortage (78 FR 9928), FDA requested public input on the use of quality metrics data to evaluate the product manufacturing quality.

3.4 Year 2014, FDA gained additional perception when the Brookings Institute get together with FDA to summon an expert workshop titled, "Measuring Pharmaceutical Quality through Risked-Based Assessment and Manufacturing Metrics", which offered an opportunity for pharmaceutical manufacturers, purchasers, regulators, and other stakeholders to discuss the goals, objectives, and challenges for a pharmaceutical quality metrics program.



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3.5 In July 2015, FDA presented the draft guidance stating "Request for Quality Metrics" (80 FR 44973), in which a proposed mandatory program for product-based reporting of quality metrics was described.

3.6 In November 2016, FDA brings out a revised draft guidance entitled "Submission of Quality Metrics Data" (81 FR 85226). This guidance expressed an initial voluntary phase of the QM Reporting Program, in which participants have to report the data either by product or establishment, with the help of FDA submission portal.

3.7 In June 2018, Federal Register notice issued in 2018, FDA declared the availability of two pilot programs, a Quality Metrics Site Visit Program (83 FR 30751) and a Quality Metrics Feedback Program (83 FR 30748) for product and process quality improvement.

3.8 In March 2022, FDA established a docket to solicit comments on changes to FDA's previously proposed Quality Metrics Reporting Program. This notice describes considerations for purifying the Quality Metrics Reporting Program based on lessons learned from two pilot programs with industry that were announced in the Federal Register in June 2018.¹

4. FDA's approach in bringing the light over Quality-Key Performance Indicators

- The need to adhere to quality specifications is being overviewed and controlled by regulatory agencies day by day. Therefore it becomes crucial for pharmaceutical enterprise to explore Quality-Key Performance Indicators to measure and maintain the quality health of the organization.⁴
- These metrics provides usefulness to FDA;
 - it helps in developing inspection policies, compliance and practices, such as risk-based inspection which are scheduled for drug manufacturers,
 - it helps in improving the agency's ability to predict, and therefore, possibly lower future drug shortages,
 - it helps in encouraging the pharmaceutical industry to implement innovative quality management systems for pharmaceutical manufacturing.²
- USFDA aspires to use these quality metrics as an instrument to identify risk-based factors that could incline or decline the inspection frequency and that could potentially be predictive of drug supply disruption. Key performance indicators (KPIs) are an essential means in the process as they measure the manufacturing and distribution alike to have reliable information on current and desired standards.
- KPIs are used to identify where performance of quality management is good and meeting desired standards and where the performance is lacking and requires improvement.⁴

5. Key Performance Indicators/Process Parameters to be measured

Measurement is the first step that leads to control and eventually towards the improvement of the process. If one can't understand something, it can't be understood and if it can't be understood then it can't be controlled and if it can't be controlled then it can't be improved. Quality management is a broad and difficult subject with much being written by academics and quality leaders of industries. Juran's lectures to Japanese industrial executives in 1954 are considered one of the most significant contributions to modern quality management.⁶

6. Quality Metrics and their implementation among Industries

Contributors explored a range of considerations regarding the implementation and accumulation of metrics data, including potential mechanisms for collection, frequency of reporting, and level of reporting requirements for organizations, sites, and individual products. For the purpose of discussion, the agency proposed that all metrics data be reported annually by product sponsors. This reporting would be conducted at an organizational level; however each organization would collect and report data for each product and manufacturing site.

7. Pharmaceutical Manufacturing

- **Role of Purchasers in Incentivizing Quality Improvement**; Pharmaceutical purchasers, such as group purchasing organization (GPOs), pharmaceutical distributors, and health systems, can act as a critical function in motivating and improving the quality of pharmaceutical manufacturers. Users use varying degrees of quality data to make contracting decisions, to make use of information from warning letters, inspectional observations (i.e., form 483), and other publicly available data sources. Currently, buyers have limited information on the quality level of pharmaceutical products.
- **Public Availability of Metrics Data**; FDA representatives noted that the agency does not intend to share metrics data publicly in part due to confidentiality considerations, though it is considering the possibility of reporting aggregated, de-identified metrics data back to manufacturers, which would then be free to use that information as part of their marketing strategy.⁸



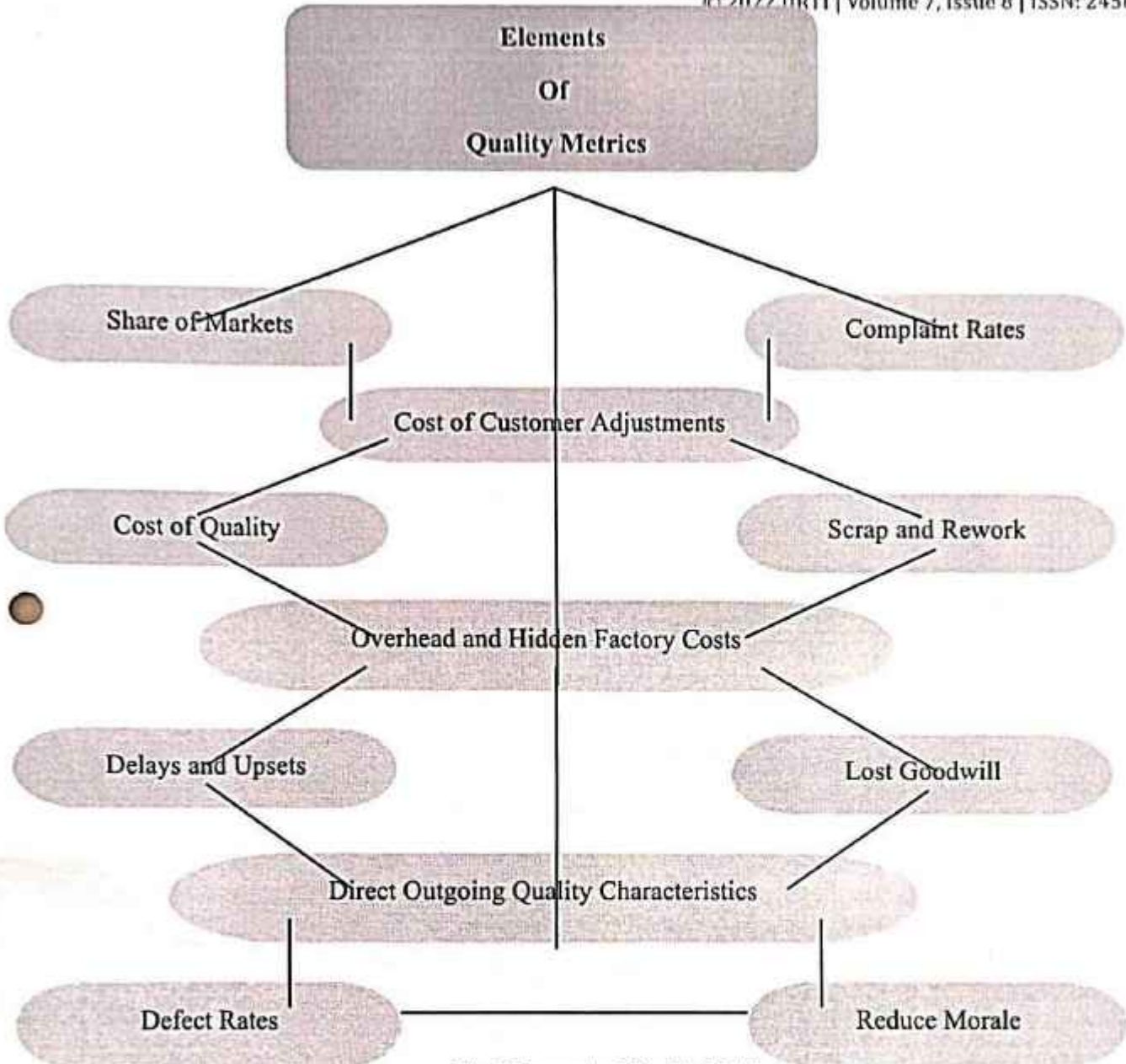


Fig. 1 Elements of Quality Metrics

These are some of the main quality attributes in any process which has direct impact on the product quality therefore they shall be measured carefully.⁶



1. **Quality and Patient Safety-** It involves effective functioning of quality system and commitment to quality by manufacturer.
2. **Site Performance and Compliance –** This metrics reflect overall site system performance with respect to product quality and compliance
3. **Accountability –** This metrics indicate how well an operation and project is performing.
4. **Alignment –** This helps to align the entire team on a common set of strategic objective.
5. **Attention-** It corrects metrics objective incorporated into management review which provides a defined set of expectations of senior management.
6. **Behaviour –** It sets the right metrics that drives the right behaviour of the employees.
7. **Expectations -** This metrics allows an entire organization a common focused understanding of what outcomes are more valued by the leaders or leadership.
8. **Feedback –** This metrics provide long and short term feedbacks on the effectiveness of projects and activities.
9. **Objectivity -** This metrics form a basis of fact based organization.
10. **Motivation –** This metrics provide long and short term measurement of progress and keeps employees motivated to improve the process and quality.
11. **Visibility -** A common set of metrics used throughout an organization to create transparency and enhanced visibility.



9. Layout to be kept in mind while developing the metrics*

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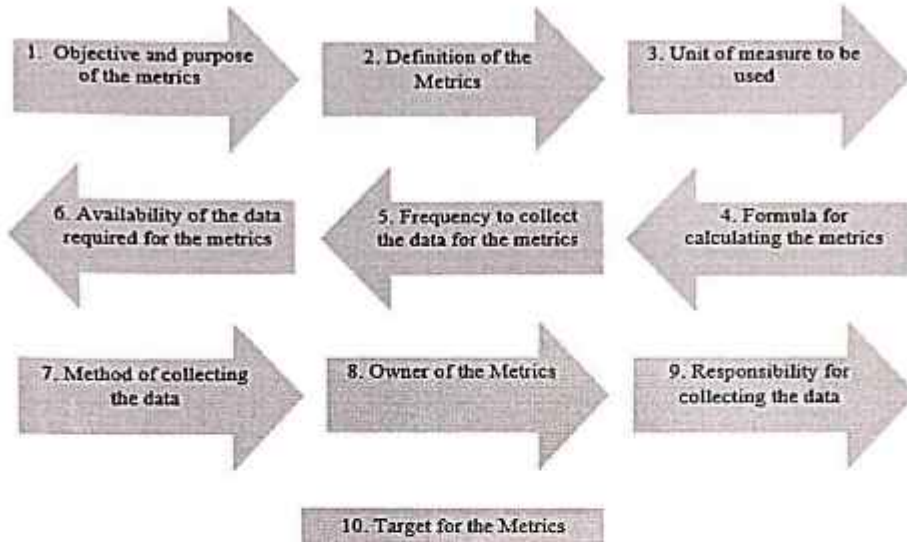


Fig. 2 Layout for Metrics Key Performance Indicators⁷

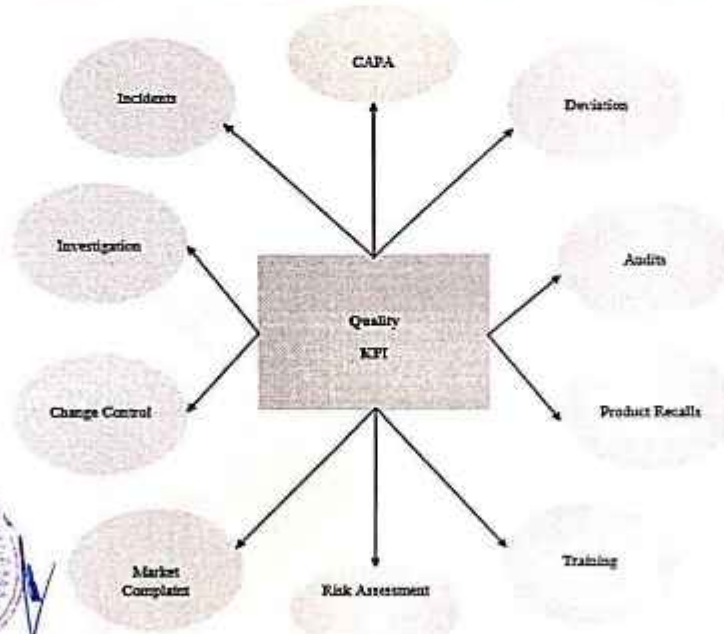


Fig. 3 Quality Key Performance Indicators



10. Case study

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Report from the Pharma Congress 2016, Germany, "Quality Metrics at Aenova"

- Europe's largest Pharma Congress of its kind took place on 12th and 13th of April, 2016 in the Swissotel Dusseldorf, Germany. More than 1,000 delegates attended the ten GMP/ FDA conferences organized in these two days.⁹
- The Pharma-Technica which is associated with the Pharma Congress is the exhibition for pharmaceutical suppliers and service providers. The exhibition space was extended this year which can accommodate 90 more exhibitors who presented their innovations and news with regard to pharmaceutical technology.
- 50 lectures, almost exclusively case studies were discussed from pharmaceutical companies such as Pfizer, Novartis, Boehringer Ingelheim and many more.
- Dr. Andreas Konig, senior vice president at Aenova addressed the Pharma Congress with a keynote. Aenova is a fast-growing pharmaceutical company in the area of contract manufacturing.
- Quality Metrics are a hotly-debated topic. At the end of July 2015, the U.S. FDA presented a draft guide entitled "Request for Quality Metrics - Guidance for Industry".
- The FDA discussed which indicators will have to be submitted regularly in future by pharmaceutical and API companies to FDA. Currently, the FDA Guideline is being intensively discussed because the FDA tends to use the data as part of the planning for future inspections.
- This idea can be helpful in identifying early stage problems related to manufacturing and quality assurance.
- Companies with stable processes (keyword "CPK value") should be "rewarded" and their inspection cycle should be longer than for companies with less stable processes and more process deviations.
- Dr. Konig showed in his case study that the Key Performance Indicators (Quality Metrics) are already measured today. The following "Core KPIs" have been defined on the corporate level;
 - Deviations
 - Complaints
 - CAPA
 - Changes.
- The basis for discussing improvements is the trend of KPIs. Furthermore, to identify "Best Practice", the absolute KPI values are compared and finally the KPI values are used to formulate new objectives for "Quality Targets".
- Dr. Konig underlined that KPIs should be considered in a multidimensional way at different levels of the company and thus data can be aggregated at the different levels.
- All data are systematically collected at the site Quality Board's level and essential statements are then actualized in second step which are summarized for Aenova's Quality Board in the form of charts and metrics for decision-making.
- Deciding KPIs/Quality Metrics helps in improving the transparency and implementing necessary enhancement measures as well as defining quality targets for continuous improvement.
- It is important to note that there may be a risk of pseudo-transparency which doesn't reflect the reality. KPIs will never ever be able to replace the knowledge of the persons involved in the process.¹⁰

Conclusion

The Quality Key Performance Indicator (Quality-KPI) serves as a tool to maintain quality of pharmaceutical products. Pharmaceutical industry requires an identification and tracking of KPI for quality mainly during manufacturing and distribution operations. A set of effective KPI comprising of overall strategy should be formulated for manufacturing and distribution operations. Lack of integrated manufacturing, distribution, quality and overall compliance in a single solution impacts the ability to consistently deliver quality products that is compliant with regulatory norms. A good quality metrics system supports both industries in their profitability and in GMP compliance. There will always be an open space for the continuous improvement of quality metrics by the industries to enhance quality, safety and efficacy of their pharmaceutical products.

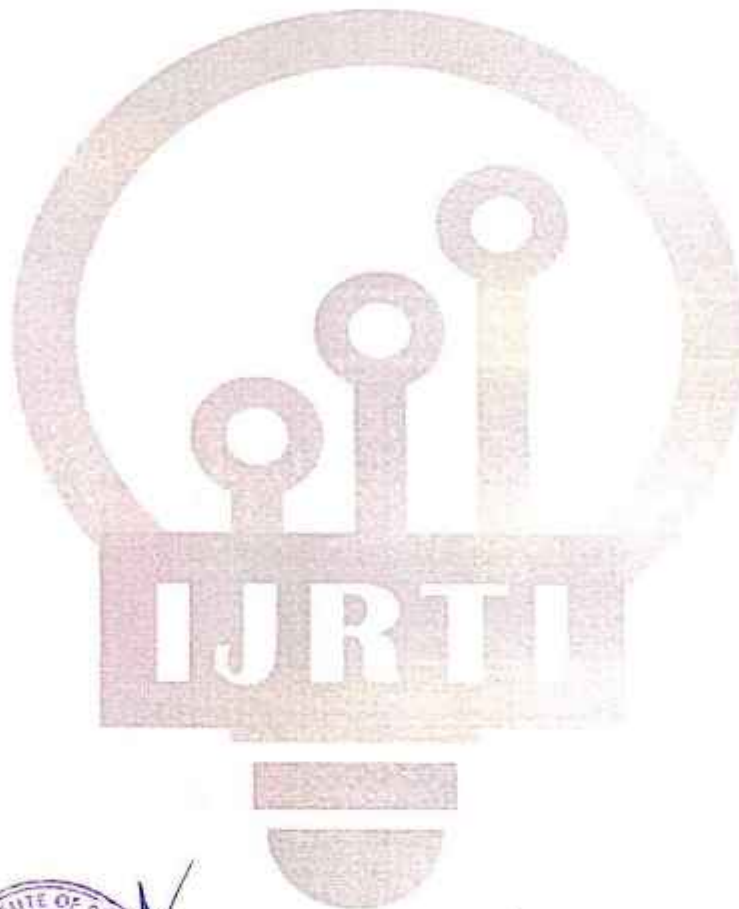
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335

Preparation, Formulation and Evaluation of Herbal Cough Lozenges

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Indore Institute of Pharmacy, Indore, M.P., India

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ABSTRACT

In today's world, throat infection are most common disease but people do not take it seriously. However it leads to a painful condition such as soreness of throat, cough, pharyngitis and also cancer. Lozenges are solid, unit dosage form of medicament usually in a flavored, sweetened base, that are intend to dissolve or disintegrate slowly in the mouth or pharynx. They are designed in such a way to be released slowly to yield a constant level of drug in the oral cavity. Since soft lozenges can be made at home by using simple ingredient and helpful in treatment of throat infection by using simple techniques. The homogenous mass was dispensed in molten mass of jaggery base, the prepared mixture was poured in a suitable mould to get desired shape as well as texture, and the formulation was further evaluated on the basis of organoleptic characters and other pharmacopoeial parameters. From above evaluation it can be concluded that the soft lozenges presented under brand name **Kanthsukh Vati** can be used for treatment of initial stage of cough, throat irritation, sore throat, throat infection and other respiratory diseases.

Keywords: Cough, Throat Infection, Kanthsukh Vati.

INTRODUCTION

Coughing occurs as a defensive reflex due to stimulation or reflex arc. Coughing causes clearance of secretion and particle as a reflex action. It is a protective action against foreign particles and certain pathogens. It is also important to clear secretions associated with inflammation and infection. Though cough has role of protection, productive cough causes trouble and harm to mucosal layer of airways. Initiation of coughing happens due to irritation of cough receptor present in oropharyngeal cavity. For the early treatment of cough and bronchial complaints lozenges are usually taken as soothing agents. Lozenges are easy to administer. Due to pleasant taste these are placed in mouth for longer time and sucked the drug



Table 1: Formula for Herbal Lozenges

Ingredients	Qty.(%)
<i>Jaggery (Saccharum officinarum L.)</i>	25
<i>Turmeric (Curcuma)</i>	15
<i>Clove (Syzygium aromaticum)</i>	6.25
<i>Ajwain (Trachyspermum ammi)</i>	6.25
<i>Black pepper (Piper nigrum)</i>	7.5
<i>Ginger (Zingiber officinale)</i>	7.5
<i>Liquorice (Glycyrrhiza glabra)</i>	12.5
<i>Peppermint (Mentha)</i>	1.25
<i>Excepients</i>	16.25

EVALUATION OF FORMULATION

Formulation of Vati was developed and sampled and evaluated for different parameters such as microscopically Evaluation, Uniformity of weight, Friability, Disintegration, Determination of ash Value, Swelling Index, Determination of moisture containing.

Microscopically Evaluation:-

These were determining by visual observation for physical appearance and identity. Other organoleptic characteristics such as taste, color uniformity, dimensions also were evaluated. Length and thickness of 20 lozenges samples were determine using vernier caliper and observations are as in the Table: 2, for an average dimension indicating uniformity in the size of lozenges.

Uniformity of Weight:-

Twenty lozenges were randomly sampled and weighted individually on high precision balance. Average weight as well as %deviation for weight for the twenty lozenges was determined.

Hardness Test:-



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(54) Title of the invention: POLYHERBAL TABLET FORMULATION WITH ANTI-TUSSIVE ACTIVITY

(51) International classification : A61K0036906800, A61K0036906600, A61K0036484000, A61K0036670000, A61P0011140000
(56) International Application No : NA
Filing Date : NA
(57) International Publication No : NA
(61) Patent of Addition to Application Number : NA
Filing Date : NA
(62) Divisional to Application Number : NA
Filing Date : NA

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2) Ms. Priyanshi Jain
3) Dr. Pritesh Pathwal
4) Dr. Nadeem Ahmed Farooqui
5) Ms. Himani Jain Singhani
Name of Applicant : NA
Address of Applicant : NA
(72) Name of Inventor :
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2) Ms. Priyanshi Jain
Address of Applicant: Student, Indore Institute of Pharmacy, Indore, Madhya Pradesh-453331, India Indore

(57) Abstract

The present invention provides a polyherbal formulation. The polyherbal formulation, comprising of Saccharum officinarum L.; Curcuma, Syzygium aromaticum, Trachyspermum ammi, Piper nigrum, Zingiber officinale, Glycyrrhiza glabra, Mentha; and pharmaceutically acceptable excipients, wherein the weight of Saccharum officinarum L. 2.5%, Curcuma 15%, Syzygium aromaticum 6.25%, Trachyspermum ammi 6.25%, Piper nigrum 7.5%, Zingiber officinale 7.5%, Glycyrrhiza glabra 12.5%, Mentha 1.25%, Vasaka leaves 6.25%, and pharmaceutically acceptable excipients 10.00%. The polyherbal formulation, wherein the formulation is in the form of an ayurvedic vati. The polyherbal formulation, wherein the formulation is useful as an anti-tussive agent. The polyherbal formulation, wherein the formulation is herbal alternative to cure cough relief, sore throat, and dryness. The polyherbal formulation has their usefulness as potential anti-tussive agent.

No. of Pages : 11 No. of Claims : 4



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(12) PATENT APPLICATION PUBLICATION

(21) Application No.202321033401 A

(19) INDIA

(22) Date of filing of Application : 11/05/2023

(43) Publication Date : 16/06/2023

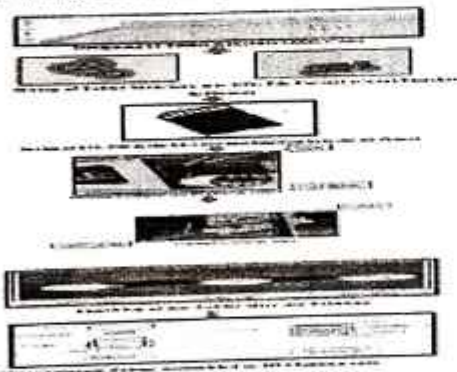
(54) Title of the invention : A METHOD TO FABRICATE GASTRORETENTIVE FLOATING TABLET CASE USING FUSED DEPOSITION MODEL (FDM) 3D PRINTING

(51) International classification : A61K 090000, A61K 092000, B29C 641180, B33Y 300000, G07F 170000
(86) International Application No : NA
Filing Date : NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number : NA
Filing Date : NA
(62) Divisional to Application Number : NA
Filing Date : NA

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3) Mr. Kuldeep Vinchurkar
4) Dr. Nadeem Farooqui
5) Ms. Prachi Gupta
Name of Applicant : NA
Address of Applicant : NA
(72) Name of Inventor :
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5) Ms. Prachi Gupta
Address of Applicant : Indore Institute of Pharmacy, Pithampur Road, opposite Indian Institute of Management, Rau, Indore, Madhya Pradesh 453331

(57) Abstract :

The aim of this invention was to examine a novel fused deposition model (FDM) 3D printing method to fabricate gastroretentive floating tablet case with metronidazole compressed tablet. A nitro-imidazole class drug metronidazole, was allowed as a model drug to examine, and was successfully assembled into floating tablet case made up of natural polyvinyl alcohol (PVA) filament. The tablet was designed by AutoCAD followed by slicing using Cura Ultimaker 4.4 software. The floating tablet case consists of body and cap as separate component and orifice was designed at the bottom of the body of tablet case. The formulation conditions for preparation of 3D floating tablet case were optimized by observing different orifice. Three different batches were optimized on the basis of orifice size. These 3D printed tablet case were evaluated for weight variation, friability, hardness, in-vitro floating test, and in-vitro dissolution studies. All results were within acceptable range. We found that the 0.5 mm orifice case was floated on 0.1 N HCL media surface for more than 345 min and showed the zero-order drug release. Thus, this work demonstrates the feasibility of FDM 3D printing technology as a novel platform for gastroretentive floating tablet, to promote a modern era of personalised medicine.



No. of Pages : 17 No. of Claims : 7



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INTERNSHIP AT MEDICAL STORE



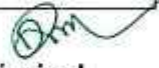
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**INDORE INSTITUTE OF PHARMACY, INDORE
DIPLOMA INTERNSHIP PROGRAM (DURATION 3 MONTHS)**

2023

S.No.	YEAR	NAME OF STUDENTS	INTERNSHIP IN PHARMACY	PLACE
1.	2023	Kavita Rathore	Paliwal Medical and General store	Rau
2.	2023	Urvashi Rathore	Urvashi Medicose	Mhow
3.	2023	Faizal	A.R. Chemist	Indore
4.	2023	Ritika Jaiswal	IMA Medical Pharm	Dewas
5.	2023	Sachin Panday	Mohit Medical Store	Mhow
6.	2023	Pallavi Shinde	Krishna Medical Store	Dhar
7.	2023	Sheetal Dongre	Karteek Medical Store	Bisnoor
8.	2023	Mehul	Shree Ganesh Medical And General Store	Pithampur
9.	2023	Vishal	Harshad Medical	
10.	2023	Ashutosh Shah	Shree Sai Medical Store	Indore
11.	2023	Aditi Yadav	S.R.Medical Store	Pithampur
12.	2023	Rahul Bhawar	Shivam Medical and General Store	Ghatabillod
13.	2023	Harshidhi Namdev	Shree Dhanvantri Healthcare	Dhar
14.	2023	Vinit Kumar Chutel	Satnam Medical Store	Mhow
15.	2023	Divya Sambare	Mohit Medical Store	Dhannad
16.	2023	Hamud Ahmed	A.M. Medical Store	Mhow
17.	2023	Vinita Sah	Kirans Mohanty Medicose Mini Shoppe	Mhow
18.	2023	Tannu Jat	Shifa Medical & Surgical store	Indore


Principal

IIP, Indore




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INDORE (M.P.)

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Indore Institute of Pharmacy

INDORE INSTITUTE OF PHARMACY

(INDORE POLYTECHNIC)

(RGPV AFFILIATED)

Ref: TIP/TRAINING CERT/D.PHARM/17021P02030/2022/

Date: 22/Sep/2022

PHARMACY ACT, 1948
APPENDIX-E
(See Regulation 21 (I))



PRACTICAL TRAINING CONTRACT FORM FOR PHARMACIST

SECTION-I

This form has been issued to KAVITA RATHORE

son / daughter of BALKRISHNA RATHORE

Residing at MAIN ROAD RANIGWASA RAU 453331

Who has produced evidence before me, he/she is entitled to receive the practical training as required in the Education Regulations framed under section 10 of the pharmacy Act, 1948.

Date: 22/Sep/2022



[Signature]
The Head of The Academic Training Institution
PRINCIPAL
INDORE INSTITUTE OF PHARMACY
INDORE POLYTECHNIC, INDORE (M.P.)
(081) RGPV Affiliated.

KAVITA RATHORE accept
(Name of the student Pharmacist)

of _____
(Name of Apprentice Master) (Name of the Institution)

(Hospital or Pharmacy)

As my apprentice Master for the above training and agree to obey and respect him/her during the entire period of my training.

[Signature]
(Student Pharmacist)

Training License



[Signature]
9826679555
20/02/23

[Signature]
Principal
Indore Institute of Pharmacy,
INDORE (M.P.)



Indore Institute of Pharmacy

Affiliated to: RGPV (Bhopal) (Approved by: AICTE (New Delhi) & PCI New Delhi)
Registered Under 1957 (1)



INDORE POLYTECHNIC
RGPV AFFILIATED

Ref: IIP/TRAINING CRT/D. PHARM/20081P02056/2022

Date: 2/12/2022

PHARMACY ACT, 1948
APPENDIX-F
(See Regulation 21 (1))



PRACTICAL TRAINING CONTRACT FORM FOR PHARMACIST

SECTION-I

This form has been issued to Urvashi Rathore
son or / daughter of Tagore Rathore
residing at 386, AB Road Kishanganj, mbow, Indore m.p. 453441
Who has produced evidence before me, he/she is entitled to receive the practical training as required in the Education Regulations framed under section 10 of the pharmacy Act, 1948.

Date: 2/12/2022



[Signature]
The Head of The Academic
Training Institution
PRINCIPAL
INDORE INSTITUTE OF PHARMACY
INDORE POLYTECHNIC, INDORE (M.P.)
(081) RGPV Affiliated

I URVASHI RATHORE

(Name of the student Pharmacist)

accept

SACHIN THAKUR.
(Name of Apprentice Master)

of INDORE INSTITUTE OF PHARMACY.
(Name of the Institution)

URVASHI MEDICOSE.
(Hospital or Pharmacy)

As my apprentice Master for the above training and agree to obey and respect him/her during the entire period of my training.

Urvashi
04/03/2023

[Signature]
(Student Pharmacist)

Training Letter of



[Signature]
Principal
Indore Institute of Pharmacy,
INDORE (M.P.)

362



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Registered - Under 1977 (17)

INDORE APPRENTICESHIP

For IIP/ TRAINING Cd) D. PHARM / ISOPI P02012 / 2023 /

Date: 25/01/23

PHARMACY ACT 1948
APPENDIX F
(Sec. Regulation 21 (1))



PRACTICAL TRAINING CONTRACT FORM FOR PHARMACIST

SECTION I

This form has been issued to FAISAL
Son or / daughter of YUNUS
Residing at 10, Garam Deddala, Khatkhan Peat, Buzhanpur, M.P. 450 33
Who has produced evidence before me, he/she is entitled to receive the practical training as required by the
Education Regulations framed under section 10 of the pharmacy Act, 1948.

Date: 25/01/23



The Head of The Academic
Training Institution

PRINCIPAL
INDORE INSTITUTE OF PHARMACY
INDORE POLYTECHNIC, INDORE (M. P.)
(081) RGPV Affiliated

Faisal

(Name of the student Pharmacist)

Imran Ali

(Name of Apprentice Master)

Pharmacy
(Hospital or Pharmacy)

(Name of the Institution)

As my apprentice Master for the above training and agree to obey and respect him/her during the entire period of my training.

Faisal
(Student Pharmacist)

Training Letter of PCI



Imran Ali
Principal
Indore Institute of Pharmacy,
INDORE (M.P.)

363



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(INDORE POLYTECHNIC)
RGPV AFFILIATED

TRIP/ TRAINING CERT / D. PHARM / 19081 P02046 / Nov / 2022 /
13 / Nov / 2022

PHARMACY ACT, 1948
APPENDIX - E
(See Regulation 21 (1))



PRACTICAL TRAINING CONTRACT FORM FOR PHARMACIST

SECTION-I

This form has been issued to RITIKA JAISWAL
daughter of MR. DINESH JAISWAL
residing at GRAM MALIHADN Post PANOUTALAB DIST. DEWAS M.P.
As it is produced evidence before me, he/she is entitled to receive the practical training as required in the
Regulations framed under section 10 of the pharmacy Act, 1948.

27 / Nov / 2022



[Signature]
The Head of The Academic
Training Institution
INDORE INSTITUTE OF PHARMACY
INDORE (M.P.)

RITIKA JAISWAL
(Name of the student Pharmacist)
DINESH KUMAR MAHESHWARI of IMA MEDICAL PHARM
(Name of Apprentice Master) (Name of the Institution)

(Hospital or Pharmacy)
The apprentice Master for the above training and agree to obey and respect him/her during the entire period of training.

RITIKA JAISWAL
(Student Pharmacist)

[Signature]
19/04/23
INDORE INSTITUTE OF PHARMACY
IQAC
INDORE

[Signature]
Principal
Indore Institute of Pharmacy,
INDORE (M.P.)



Indore Institute of Pharmacy

Affiliated to - RGPV (Bhopal) (Approved by - AICTE (New Delhi) & PCI New Delhi)
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Ref: IIP/ TRAINING, CERT / D. PHARM / 18081P02045 / 2023 / 7093

Date: 5/01/2023

PHARMACY ACT, 1948
APPENDIX F
(See Regulation 21 (1))



PRACTICAL TRAINING CONTRACT FORM FOR PHARMACIST

SECTION-I

This form has been issued to SACHIN PANDEY
Son or / daughter of RAJIAN PRASAD PANDEY
Residing at Village Padhan Kacchan, Pandan Pasawa, Majhgawan Satna, M.P. 48533
Who has produced evidence before me, he/she is entitled to receive the practical training as required in the
Education Regulations framed under section 10 of the pharmacy Act, 1948.

Date: 5/01/2023



The Head of the Academic
Training Institution
PRINCIPAL
INDORE INSTITUTE OF PHARMACY
INDORE POLYTECHNIC, INDORE (M. P.)
(081) RGPV Affiliated

6/4/2023

I MR. Sachin Pandey
(Name of the student Pharmacist)

MR. PRYUSH CHOUHAN of INDORE INSTITUTE OF PHARMACY
(Name of Apprentice Master) (Name of the Institution)

MOHIT MEDICAL STORE.
(Hospital or Pharmacy)

As my apprentice Master for the above training and agree to obey and respect him/her during the entire period of my training.

(Student Pharmacist)

Training Letter of PCI



6/04/2023

Principal
Indore Institute of Pharmacy,
INDORE (M.P.)

365



Indore Institute of Pharmacy

Affiliated to - RGPV(Bhopal) (Approved by - AICTE(New Delhi) & PCI(New Delhi) Register - Under 1072/21)



(INDORE POLYTECHNIC) - RGPV AFFILIATED

Ref: IIP/TRAINING/CIRI/D-PHARM/2008IP02054/2023/8219

Date: 18/05/2023

PHARMACY ACT, 1948
APPENDIX-E
(See Regulation 21 (1))



PRACTICAL TRAINING CONTRACT FORM FOR PHARMACIST

SECTION-I

This form has been issued to TANNU JAT
Son or / daughter of SANJAY JAT
Residing at Ward No. 04, Laxman - Sejwani, Indore M.P. 453001
Who has produced evidence before me, he/she is entitled to receive the practical training as required in the Education Regulations framed under section 10 of the pharmacy Act, 1948.

Date: 18/05/2023

The Head of The Academic Training Institution

SECTION-II

I TANNU JAT (Name of the student Pharmacist) accept
SHIFA MEDICAL SURGERY and COSMETIC (Name of Apprentice Master) of INDORE INSTITUTE OF PHARMACY (Name of the Institution)
SHALENDRA KUMAR JOSHI (Hospital or Pharmacy)

As my apprentice Master for the above training and agree to obey and respect him/her during the entire period of my training.

Tannu
21/08/23
(Student Pharmacist)



Principal
Indore Institute of Pharmacy,
INDORE (M.P.)

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Indore Institute of Pharmacy

Affiliated to - RGPV(Bhopal) (Approved by - AICTE(New Delhi) & PCI(New Delhi) Register - Under 1072 Z/1)



INDORE POLYTECHNIC
RGPV AFFILIATED

Ref:- IP/TRAINING CERT./D. PHARM/20081P02060/2023/8106

Date: 15/4/23

PHARMACY ACT, 1948
APPENDIX-E
(See Regulation 21 (I))



VINITA SAH

PRACTICAL TRAINING CONTRACT FORM FOR PHARMACIST

SECTION I

This form has been issued to VINITA SAH
son or / daughter of VIRENDRA KUMAR
Residing at M-9 Swastik vihar colony Rau, Rau Indore
Who has produced evidence before me, he/she is entitled to receive the practical training as required in the Education Regulations framed under section 10 of the pharmacy Act, 1948.

Date: 15/4/23

[Signature]
The Head of The Academic Training Institution

SECTION-II

I Vinita Sah (Name of the student Pharmacist) accept
Sandeep Mohanty (Name of Apprentice Master) of Kisan's mohanty medicose mini shapee (Name of the Institution)
(Hospital or Pharmacy)

As my apprentice Master for the above training and agree to obey and respect him/her during the entire period of my training.

[Signature]
(Student Pharmacist)

Training Letter - IP/CI



[Signature]
21/08/2023

[Signature]
Principal
Indore Institute of Pharmacy,
INDORE (M.P.)

367



Indore Institute of Pharmacy

Affiliated to - RGPV(Bhopal) (Approved by - AICTE(New Delhi) & PCI(New Delhi)
Registered - Under 1972 Act



RGPV AFFILIATED

Ref: IIP/TRAINING CERT./D. PHARM/16081P02021/2023/8255

Date: 1/06/23

PHARMACY ACT, 1948
APPENDIX-F
(See Regulation 21 (f))



PRACTICAL TRAINING CONTRACT FORM FOR PHARMACIST

SECTION-I

This form has been issued to HAMUD AHMED
Son or / daughter of MASUD AHMED
Residing at H.No. 807 Vishwan Nagan Banjara Bhabhkhedi Indore M.P. 453441
Who has produced evidence before me, he/she is entitled to receive the practical training as required in the Education Regulations framed under section 10 of the pharmacy Act, 1948.

Date: 1/06/23



[Signature]
The Head of The Academic
Training Institution
Indore Institute of Pharmacy
INDORE (M.P.)

HAMUD AHMED (Name of the student Pharmacist) accept

MOHD SAALIM of (Name of the Institution)

A.M. MEDICAL
(Hospital or Pharmacy)

As my apprentice Master for the above training and agree to obey and respect him/her during the entire period of my training

[Signature]
(Student Pharmacist)

01/09/23

Training



[Signature]
Principal
Indore Institute of Pharmacy,
INDORE (M.P.)

368



Indore Institute of Pharmacy

Affiliated to: RGPV(Bhopal) (Approved by: AICTE(New Delhi) & PCI(New Delhi) Register - Under 1072/21)



Indore Institute of Pharmacy

(INDORE POLYTECHNIC)
RGPV AFFILIATED

Ref: IIP/Training cd./D-PHARM/19081P02015/2023/

Date: 20/05/2023

PHARMACY ACT, 1948
APPENDIX-E
(See Regulation 21 (1))



PRACTICAL TRAINING CONTRACT FORM FOR PHARMACIST

SECTION-I

This form has been issued to Divya Sambare
son or / daughter of Gyaneshwar Sambare
Residing at 602, VISHWAS NAGAR, MHOW, MHOW, INDORE, M.P.
Who has produced evidence before me, he/she is entitled to receive the practical training as required in the Education Regulations framed under section 10 of the pharmacy Act, 1948.

Date: 20/05/2023



[Signature]
The Head of The Academic Training Institution
Principal
Indore Institute of Pharmacy,
INDORE (M.P.)

1 DIVYA SAMBARE

(Name of the student Pharmacist)

accept

WHIT MEDICAL STORE

(Name of Apprentice Master)

of INDORE INSTITUTE OF PHARMACY

(Name of the Institution)

PIYUSH CHOUHAN

(Hospital or Pharmacy)

As my apprentice Master for the above training and agree to obey and respect him/her during the entire period of my training.

[Signature]
(Student Pharmacist)

[Signature]
23/08/2023

Training Let



[Signature]
Principal
Indore Institute of Pharmacy,
INDORE (M.P.)

369



Indore Institute of Pharmacy

Affiliated to - RGPV (Bhopal) (Approved by - AICTE (New Delhi) & PCI (New Delhi)
Registered - Under 1957-210



INDORE POLYTECHNIC
RGPV AFFILIATED

Ref: IIP/TRAINING C.J./D PHARM/1608/2023/2023/

Date: 15/02/2023

PHARMACY ACT, 1948
APPENDIX-B
(See Regulation 21 (I))



PRACTICAL TRAINING CONTRACT FORM FOR PHARMACIST

SECTION-I

This form has been issued to Pallavi Shinde
Son or / daughter of Dhanraj
Residing at 29 Subhash marg Nalcha darwaja Dhan m.p. 484001
Who has produced evidence before me, he/she is entitled to receive the practical training as required in the Education Regulations framed under section 10 of the pharmacy Act, 1948.

Date: 15/02/2023



The Head of the Academic Training Institution

PRINCIPAL

INDORE INSTITUTE OF PHARMACY
INDORE POLYTECHNIC, INDORE (M. P.)
(081.) RGPV Affiliated

accept

SECTION-II

I Pallavi Shinde
(Name of the student Pharmacist)
Krishna Komdan of Krishna medical store
(Name of Apprentice Master) (Name of the Institution)

(Hospital or Pharmacy)

As my apprentice Master for the above training and agree to obey and respect him/her during the entire period of my training.



Training Letter of PCI

Principal
Indore Institute of Pharmacy,
INDORE (M.P.)

P. Shinde
(Student Pharmacist)
P. Shinde
18/05/23

370



Indore Institute of Pharmacy

Affiliated to: RGPV (Bhopal) (Approved by: AICTE (New Delhi) & PCI (New Delhi)
Registered - Under 1972 (1)

Indore, Indore
Pharmacy

RGPV AFFILIATED

Ref: IP/ TRAINING CERT / D. PHARM / 19081 P 02042 / March - 2023 /

Date: 22/03/23

PHARMACY ACT, 1948
APPENDIX-F
(See Regulation 21 (I))



PRACTICAL TRAINING CONTRACT FORM FOR PHARMACIST

SECTION-1

This form has been issued to SHEETAL DONGIRE
Son or / daughter of DINESH DONGIRE
Residing at C-84 chetacharya colony Pithampur Bhopal M.P. 454775
Who has produced evidence before me, he/she is entitled to receive the practical training, as required in the Education Regulations framed under section 10 of the pharmacy Act, 1948.

Date: 22/03/23



The Head of The Academic Training Institution
PRINCIPAL
INDORE INSTITUTE OF PHARMACY
INDORE POLYTECHNIC, INDORE (M. P.)
(081) RGPV Affiliated

SHEETAL DONGIRE

(Name of the student Pharmacist)

accept

KRISHNA KUMAR NAGDRE of KARTEEK MEDICAL STORE
(Name of Apprentice Master) (Name of the Institution)

(Hospital or Pharmacy)

As my apprentice Master for the above training and agree to obey and respect him/her during the entire period of my training.

SHEETAL DONGIRE
(Student Pharmacist)

Training Letter (P.C.)



Sheetal
23.06.23

Principal
Indore Institute of Pharmacy,
INDORE (M.P.)

371



Indore Institute of Pharmacy

Affiliated to: RGPV (Bhopal) (Approved by: AICTE (New Delhi) & PCI (New Delhi)
Registered Under 1927 (11)



Indore Institute of Pharmacy

RGPV AFFILIATED

Ref: IIP/TRAINING CLRT/D.PHARM/12081902025/June-2023/8090

Date: 24/03/2023

PHARMACY ACT, 1948
APPENDIX-F
(See Regulation 21 (1))



PRACTICAL TRAINING CONTRACT FORM FOR PHARMACIST

SECTION-I

This form has been issued to MEHUL
Son or daughter of RAMESH CHANRA
Residing at 376- CHINAR LAKE VIEW COLONY MHOW BILON MHOW M.P. 45344
Who has produced evidence before me, he/she is entitled to receive the practical training as required in the
Education Regulations framed under section 10 of the pharmacy Act, 1948.

Date: 24/03/2023



Fo (Signature)
The Head of The Academic
Training Institution
PRINCIPAL
INDORE INSTITUTE OF PHARMACY
INDORE POLYTECHNIC, INDORE (M. P.)
(081) RGPV Affiliated

I, MEHUL (Name of the student Pharmacist)
MANOJ TIWARI of SHREE MANESH MEDICAL AND GENERAL STORE,
(Name of Apprentice Master) (Name of the Institution)
(Hospital or Pharmacy)

As my apprentice Master for the above training and agree to obey and respect him/her during the entire period of my training.

(Signature)
(Student Pharmacist)

Training



(Signature)
28.06.2023

Principal
Indore Institute of Pharmacy,
INDORE (M.P.)

372



Indore Institute of Pharmacy

Affiliated to - RGPV (Bhopal) (Approved by - AICTE (New Delhi) & PCI (New Delhi)
Register - Under 1972 (11)

INDORE INSTITUTE OF PHARMACY

INDORE INSTITUTE OF PHARMACY
RGPV AFFILIATED

REGISTRATION NO. / TRAINING CENTER / DEPARTMENT / COURSE / PERIOD / 2023 / 810

Date: 17/03/2023

PHARMACY ACT, 1948
APPENDIX-I
(Sec Regulation 21 (1))



PRACTICAL TRAINING CONTRACT FORM FOR PHARMACIST

SECTION-I

This form has been issued to VISHAL
Son of / daughter of BASANT
Residing at Ward No. 5, Sector Dheerajpura, Khandwa, M.P. 451115
Who has produced evidence before me, he/she is entitled to receive the practical training as required in the Education Regulations framed under section 10 of the pharmacy Act, 1948

Date: 17/03/2023



The Head of The Academic Training Institution
PRINCIPAL

INDORE INSTITUTE OF PHARMACY
INDORE POLYTECHNIC, INDORE (M.P.)
(U81 | RGPV Affiliated)

VISHAL PATEL

(Name of the Student Pharmacist)

accept

MARSHAD BAKHATYAPURI
(Name of Apprentice Master)

HARSHAD MEDICAL
(Name of the Institution)

(Hospital or Pharmacy)

As my apprentice Master for the above training and agree to obey and respect his/her orders during the entire period of my training.

Vishal
12/7/2023

Vishal
(Student Pharmacist)

Training



[Signature]
Principal
Indore Institute of Pharmacy,
INDORE (M.P.)

373



Indore Institute of Pharmacy

Affiliated to - RGPV (Bhopal) (Approved by - AICTE (New Delhi) & PCI New Delhi)
Registered - Under 1972-21



REGULATIONS FOR PRACTICAL TRAINING
RGPV AFFILIATED

Ref: IIP/TRAINING-CERT./D.PHARM/20081P02017/2023/8086

Date: 18/04/2023

PHARMACY ACT, 1948
APPENDIX-F
(See Regulation 21 (1))



PRACTICAL TRAINING CONTRACT FORM FOR PHARMACIST

SECTION-I

This form has been issued to ASHUTOSH SHAH

● Son or / daughter of SANJAY KUMAR SHAH

Residing at GRAM JARHA SITUL KHURD SINGRAULI M.P-496386

Who has produced evidence before me, he/she is entitled to receive the practical training as required in the Education Regulations framed under section 10 of the pharmacy Act, 1948.

Date: 18/04/2023



The Head of The Academic
Training Institution
PRINCIPAL

INDORE INSTITUTE OF PHARMACY
INDORE POLYTECHNIC, INDORE (M. P.)
(081) RGPV Affiliated

ASHUTOSH SHAH

(Name of the student Pharmacist)

accept

● PRANALI ZOPE
(Name of Apprentice Master)

of SHREE SAI MEDICAL STORE
(Name of the Institution)

(Hospital or Pharmacy)

As my apprentice Master for the above training and agree to obey and respect him/her during the entire period of my training.

ASHUTOSH SHAH
(Student Pharmacist)

18/04/2023
Training Letter




Principal
Indore Institute of Pharmacy,
INDORE (M.P.)

374



Indore Institute of Pharmacy

Affiliated to: RGPV (Bhopal) (Approved by: AICTE (New Delhi) & PCI New Delhi)
Registered under 1972 (1)



(INDORE POLYTECHNIC)
RGPV AFFILIATED

Ref: IIP/Training Cd./D.PHARM/20081P02003/2023/8240

Date: 12/5/23

PHARMACY ACT, 1948
APPENDIX-E
(See Regulation 21 (I))



PRACTICAL TRAINING CONTRACT FORM FOR PHARMACIST

SECTION-I

This form has been issued to Aditi Yadav
son or / daughter of Neoundra Singh Yadav
Residing at A/E-689 HOUSING BOARD COLONY, PITHAMPUR
Who has produced evidence before me, he/she is entitled to receive the practical training as required in the Education Regulations framed under section 10 of the pharmacy Act, 1948.

Date: 12/5/23

[Signature]
The Head of The Academic Training Institution

SECTION-II

I ADITI YADAV accept

(Name of the student Pharmacist)
● SWATANTRA DWIVEDI of INDORE INSTITUTE OF PHARMACY
(Name of Apprentice Master) (Name of the Institution)
S.R. MEDICAL STORES
(Hospital or Pharmacy)

As my apprentice Master for the above training and agree to obey and respect him/her during the entire period of my training.

Aditi
(Student Pharmacist)

Training Institution PCI



Aditi
14/09/2023

[Signature]
Principal
Indore Institute of Pharmacy,
INDORE (M.P.)

375



Indore Institute of Pharmacy

Affiliated to - RGPV(Bhopal) (Approved by - AICTE(New Delhi) & PCI(New Delhi)
Registered - Under 1972 (17)



Indore Institute of Pharmacy

INDORE POLYTECHNIC

RGPV AFFILIATED

Ref: ITP/Training cont./D.PHARM/20081.Po2045/2023/8206

Date: 4/05/2023

PHARMACY ACT, 1948
APPENDIX-F
(See Regulation 21 (1))



PRACTICAL TRAINING CONTRACT FORM FOR PHARMACIST

SECTION-I

This form has been issued to Rahul Bhawar

son or / daughter of Antar Singh Bhawar

Residing at Chandra Shekhar marg ward No. 04 Rajgarh Teh. Sandaipur Rajgarh Dho

Who has produced evidence before me, he/she is entitled to receive the practical training as required in the M.P. 459
Education Regulations framed under section 10 of the pharmacy Act, 1948.

Date: 4/05/2023

The Head of The Academic Training Institution

SECTION-II

I Rahul Bhawar accept

(Name of the student Pharmacist)

mit Kumar Sharma of Shivam medical and general stores

(Name of Apprentice Master)

(Name of the Institution)

(Hospital or Pharmacy)

As my apprentice Master for the above training and agreed to obey and respect him/her during the entire period of my training.

(Student Pharmacist)

Training License - PCI



11/08/2023

Principal
Indore Institute of Pharmacy,
INDORE (M.P.)

316



Indore Institute of Pharmacy

Affiliated to - RGPV(Bhopal) (Approved by - AICTE(New Delhi) & PCI(New Delhi) Register - Under 1072/21)



(INDORE POLYTECHNIC)
RGPV AFFILIATED

Ref: IPP/Training Cd./D.PHARM/2002/PO2025/2023/2211

Date: 12/5/23

PHARMACY ACT, 1948
APPENDIX-F
(See Regulation 21 (1))



PRACTICAL TRAINING CONTRACT FORM FOR PHARMACIST

SECTION-I

This form has been issued to Harshidhi Namdev
son or / daughter of Dhiraj Namdev
Residing at 163, Mahadma Gandhi marg ward no. 10 kukshi Dhar, M.P.
Who has produced evidence before me, he/she is entitled to receive the practical training as required in the Education Regulations framed under section 10 of the pharmacy Act, 1948.

Date: 12/5/23

The Head of The Academic Training Institution

SECTION-II

I HARSHIDHI NAMDEV accept

(Name of the student Pharmacist)

IRIETHANVANTRI HEALTHCARE of INDORE INSTITUTE OF PHARMACY

(Name of Apprentice Master)

(Name of the Institution)

RAJKUMAR ABILACHA
(Hospital or Pharmacy)

As my apprentice Master for the above training and agree to obey and respect him/her during the entire period of my training.

Harshidhi

(Student Pharmacist)

Harshidhi
14/08/2023

Training Institution of PCI



R
Principal
Indore Institute of Pharmacy,
INDORE (M.P.)

377



Indore Institute of Pharmacy

Affiliated to - RGPV(Bhopal) (Approved by - AICTE(New Delhi) & PCI(New Delhi) Register - Under 107-21)



INDORE INSTITUTE OF PHARMACY
RGPV AFFILIATED

Ref: IIP/Training cd./D.PHARM/14081P02059/2022/6935

Date: 11 Nov/2022

PHARMACY ACT, 1948
APPENDIX-E
(See Regulation 21 (1))



PRACTICAL TRAINING CONTRACT FORM FOR PHARMACIST

SECTION-I

This form has been issued to Vinit Kumar chotel
Son or / daughter of Anand kumar chotel
Residing at Nea Madanani mandia Yadav Mahalla Mhaw Indore M.P. 45244
Who has produced evidence before me, he/she is entitled to receive the practical training as required in the Education Regulations framed under section 10 of the pharmacy Act, 1948.

Date: 11 Dec/2022



The Head of The Academic Training Institution

[Signature]
20/12/2022

SECTION-II

I Vinit Kumar Chotel accept
(Name of the student Pharmacist)
Satnam Sharma of Satnam Medical Store
(Name of Apprentice Master) (Name of the Institution)

(Hospital or Pharmacy)

As my apprentice Master for the above training and agree to obey and respect him/her during the entire period of my training.

[Signature]

(Student Pharmacist)



[Signature]

21/8/23

378

Principal
Indore Institute of Pharmacy,
INDORE (M.P.)