



**Indore Institute of
Pharmacy**

Affiliated to - BOP (Bhopal) | Approved by - AICTE (New Delhi) & PCI (New Delhi)
Register - Under UGC 2(F)

3.2.1 Institution has created an ecosystem for innovations and has initiatives for creation and transfer of knowledge (patents filed, published, incubation center facilities in the HEI to be considered)

The institution has setup an eco-system for innovation including incubation center, research laboratory and other initiatives for creation and transfer of knowledge, skill and development.

Establishment of Research Laboratory: For the promotion of research to find scientific solutions in catering to the local needs, a dedicated research laboratory was established during the academic year 2021-22 with basic research facilities exclusively for research activities in the field of Pharmaceutical sciences. The Institutional innovation council has been approved by **MHRD, AICTE, New Delhi**. Such set up at institute level support the new ideas of students and the institute has earmarked funds to the tune of 10 lakhs for Indore Institute of Pharmacy.

Platform for Entrepreneurship Ideas: The objectives of the innovation cells are to provide a platform for entrepreneurship development and encourage the students to choose entrepreneurship as their careers, establish function ecosystem for scouting ideas and pre-incubation of ideas, to motivate and support student's ideas for developing a viable products, services or platform. To cater this need the innovation council cell has organized entrepreneurship awareness program.

Establishment of Incubation Laboratory: The ecosystem developed by Indore institute of pharmacy serves as knowledge archive to harness the potential of research oriented and dedicated faculty. The college has also established an "Incubation Lab" in the same year with basic infrastructural facilities for the realization and promotion of student's creativity. The proposed initiatives and activities of innovation cells are organization of various activities that gives real time exposure to the students and provide them a platform to showcase and implement their practical learning, enable students to acquire knowledge through practical learning experience, to file patents under the esteemed guidance of its high-quality faculty members. Activities like awareness program on entrepreneurship and health day were organized to give students exposure to various new aspects of pharmaceutical field.

The Institute is taking many more initiatives for creation and transfer of knowledge

Organizing/Attending of seminar/workshop/conference: Seminars are organized to provide platform for students and faculty to get a chance to interact with experts from industry and eminent academicians and acquire knowledge about latest trends and advancement in the field of pharmaceutical research. The Faculty members/students also




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motivated to attend seminar/workshop/conferences organized by other institutes/organizations to keep themselves updated with the latest trends.

Guest lecture: Guest lectures on different topics such as Intellectual Property Rights, Entrepreneurship, and Research Methodology etc. were organized by the institute for the students and faculty for providing platform for discussion with industry/academic experts.

MOU's: Institute has signed MOU with industry/institute to promote research culture in the college. Through these MOUs, students get benefit through industry-academia interaction. Certification courses under special interest groups provide students exposure to the areas of their interest apart from their curriculum. Such as MOU with AASRA to conduct skill improvement programs etc

Webinars: Faculty/students attend online webinars giving them exposure to recent updates in the field of pharmaceutical technology used for research.

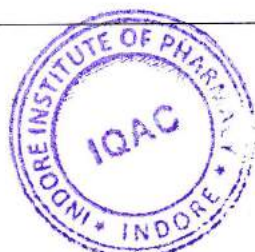
Training on Instruments handling: Training on instrumental handling is organized for students to provide knowledge of instrumentation, handling and applications of the sophisticated instruments. Such as HPLC, 3 D printer etc.




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ACTIVITY-2022-2023

S. no.	Activity	Date	Page number
1	Entrepreneurship Awareness Program in association with MSME, GOI, ministry of MSME	03 rd February, 2023	1-3
2	Impact Lecture Series in association with AICTE	18 th and 29 th July, 2022	4-50
3	World Health Day	07 th April, 2023	51-61
4	Patents	11	62-77
5.	Project Ideas by Students	Name of Students/Faculty	
	a) Kanthsukhi Vati	Priyanshi Jain and Yash Rawka/Dr. Pritesh Paliwal	78-109
	b) Herbal Hand sanitizer	Tanmay Sharma, Om Mahajan, Rizwan Ahmad/Mrs. Naynay Sharma	
	c) Ayyuram-Herbal alternative for stored grains	Sachchidanand Kushwah,/Mrs. Nayany Sharma	



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Indore Institute of Pharmacy, Indore

A Report on One Day Entrepreneurship Awareness Programme (EAP)

A One Day Entrepreneurship Awareness Programme (EAP) was organized By MSME Development & Facilitation Office, Indore (Government of India, Ministry of MSME) in collaboration with Indore Institute Of Pharmacy, Indore

Date: 03.02.2023, 10.00 am onwards

Venue: Auditorium II, IIST Campus, Indore



Photographs of Inaugural Session

The One Day Entrepreneurship Awareness Programme was conducted to create awareness



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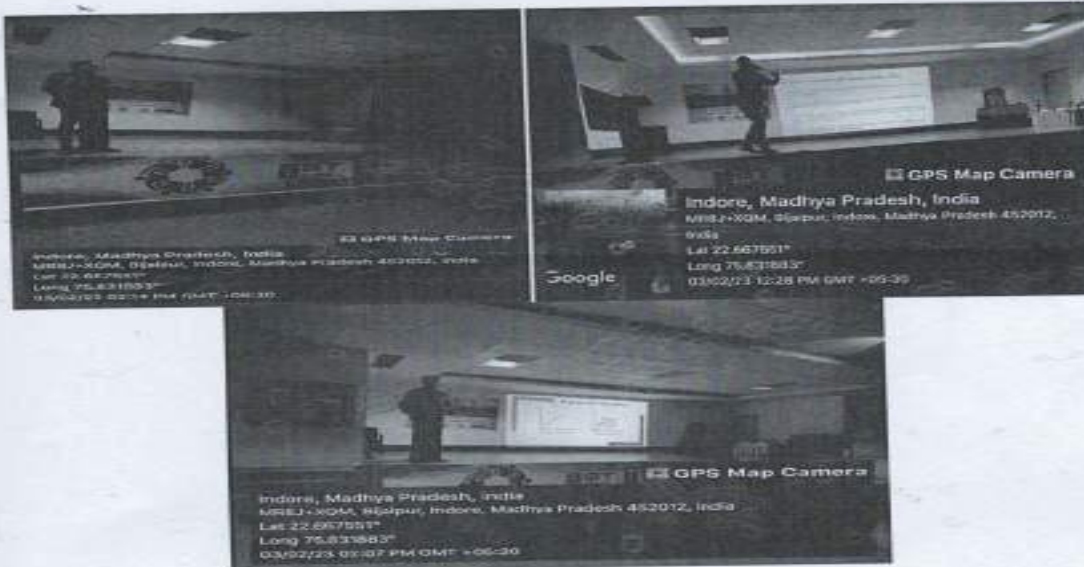




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among the students of Indore Institute of Pharmacy. The inaugural session of the program started at 10:00 am. The chief guest of the program was Shri Tapan Sharma, Vice President, MP State Drug Manufacturing Association, Indore. **Sh. S.S. Mandloi** General Manager, DTIC, Indore was the special guest of the program. The guest of honor of the event was Shri. Ajay Singh, Director, Zenith Drugs Private Limited, Indore Vice President, IFPG & Hon. Gen. Secretary, MP State Drug Manufacturing Association, Indore. The event was graced by the presence of Shri Gaurav Goyal, Assistant Director, MSME, DFO, Indore. Director General of IIST/IIP/IIMR, Shri Arun S. Bhatnagar also attended the session. Dr. Keshav Patidar, Principal, IIST, Dr. Dinesh Kumar Mishra, Principal IIP, Faculty members and students of B.Pharm III and IV year, M.Pharm and D.Pharm were present in the session.



Photographs of Technical Session

The session started with the Lamp lightening ceremony and saraswati vandana followed by floral welcome of the guests and welcome address by Shri Arun S. Bhatnagar. After that technical session started with first session by Shri Gaurav Goyal on Ministry of MSME Scheme for Youth and Aspiring Entrepreneurs, Financial scheme. He briefed about



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various MSME schemes of Government for young entrepreneurs.

The second session was taken by Dr. Sapna Malviye, Director, Modern Institute of Pharmacy, Indore. She briefed about Entrepreneurship Opportunities in Pharmacy for Aspiring Entrepreneurs.


Third lecture was presented by Dr. Swaminathan R. CEO, ACE Foundation, IIT Indore on Initiative taken by IIT Indore for Entrepreneurs and scope of innovation. Next session was taken by Dr. M. Vasim Khan, Senior Lecturer, School of Economics, DAV, Indore on Marketing Scenario of entrepreneurship for Aspiring Entrepreneurs. Dr. Dinesh Kumar Mishra, Principal, IIP, Indore briefed about Start-up, Incubation, Skills of successful entrepreneur.

The entire sessions were a great and learning experience for the students. The session was concluded with the vote of thanks by Dr. Dinesh Kumar Mishra.

Coordinator
Dr. Rekha Bishla

Principal
Dr. Dinesh Kumar Mishra




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Impact Lecture Series

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14	Posters of Lecture Series	29-30
15	Geotagged photos of both the sessions	31-34




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Impact Lecture Series at



Indore Institute of Pharmacy

Indore Institute of Pharmacy

Session-I

Monday, 18th July, 2022



Dr. Neeraj Kumar Sethiya

Asst. Professor
DIT, Ujjain, Madhya Pradesh

Topic

Entrepreneurship: An act of becoming the Boss of one's own Destiny

@ 10:00-11:30am



Dr. Parizod Elchidona

Principal Technical Consultant Pharmacy
ACB World

Topic

Applications of AI in Pharma

@ 1:00-2:30pm



Dr. Dinesh K. Mishra
(Principal-IIP)

Contact:

+91 98264 30573 | sandeep.patil@indoreinstitute.com

Mr. Sandeep Patil
(Co-ordinator)

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Registration Link:-

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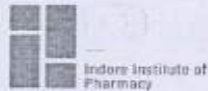


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Impact Lecture Series at



Indore Institute of Pharmacy

Session-II
Friday, 29th July, 2022



Mr. Gaurav Goyal
Assistant Director
MSME DFO, Indore



Dr. (Prof.) Ritosh Agrawal
Director IPR Cell
Pacific Academy of Higher Education and Research University
Udaipur, Rajasthan

Topic
How to create and
sell your ideas of startup

@ 10:30 - 12:00 Noon

Topic
Know the secrets of
Intellectual Property Rights

@ 1:30 - 3:00pm

Dr. Dinesh K. Mishra
(Principal-IIP)

Contact:

+91 98264 30573 | sandeep.patil@indoreinstitute.com

Mr. Sandeep Patil
(Co-ordinator)



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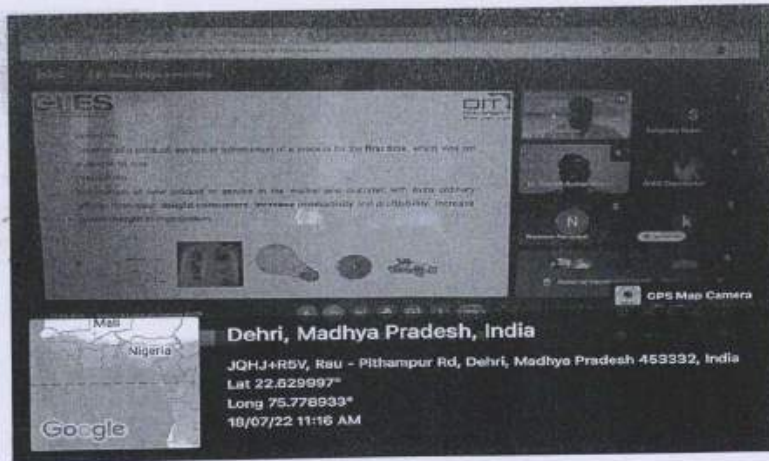
Destination for Industry Ready Professionals.



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Geotagged Photos of IIC Impact Lecture Series Session I & II
Session I, Lecture I by Dr. Neeraj Sethiya on Entrepreneurship on 18th July



Invention and Innovation



OYO Case Study



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[Signature]
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Session I, Lecture II by Dr. Parizad Elchidana on Application of AI in
Pharma on 18th July

The slide titled "AI in DRUG DISCOVERY" features a flowchart with a central node "AI in Drug Discovery" branching into "Target Identification", "Target Validation", "Target Prioritization", and "Target Refinement". Each branch leads to a box detailing the process. A text box on the left discusses the challenges of drug discovery and the role of AI. A Google Maps overlay at the bottom shows the location: Dehri, Madhya Pradesh, India, with coordinates Lat 22.629373° and Long 75.780214°, dated 18/07/22 01:26 PM.

Artificial Intelligence in Drug Discovery

The slide titled "DRUG DISCOVERY - X-Ray Crystallography" shows a flowchart starting with "X-Ray → R_n" leading to "Structure of Top-Binding Drugs". The process involves "X-ray diffraction", "Data Collection", "Structure Solution", and "Refinement". A text box on the left describes the process. A Google Maps overlay at the bottom shows the location: Dehri, Madhya Pradesh, India, with coordinates Lat 22.62938° and Long 75.780227°, dated 18/07/22 01:31 PM.

Drug Discovery – X Ray Crystallography



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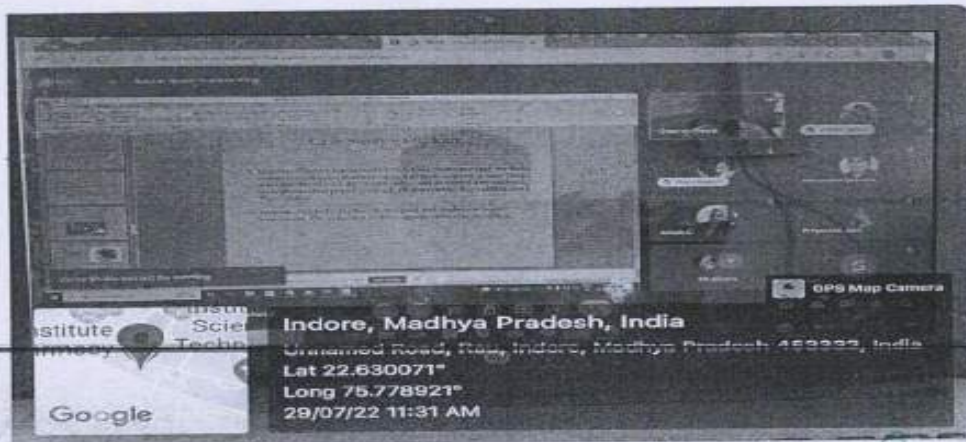
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Session II, Lecture I by Mr Gourav Goyal on Startup on 29th July



Checklist – Before you start



Case Study - Flipkart



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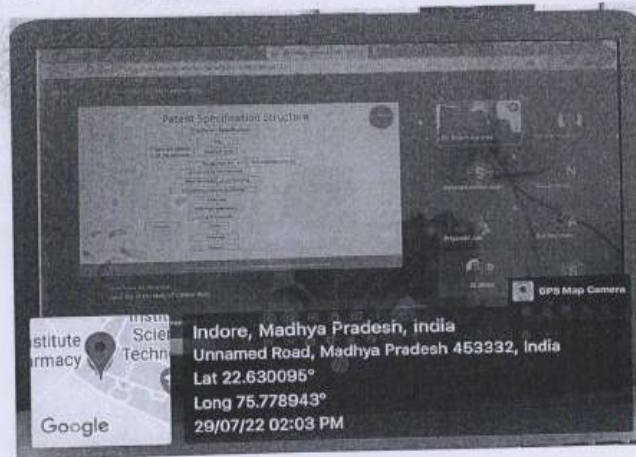
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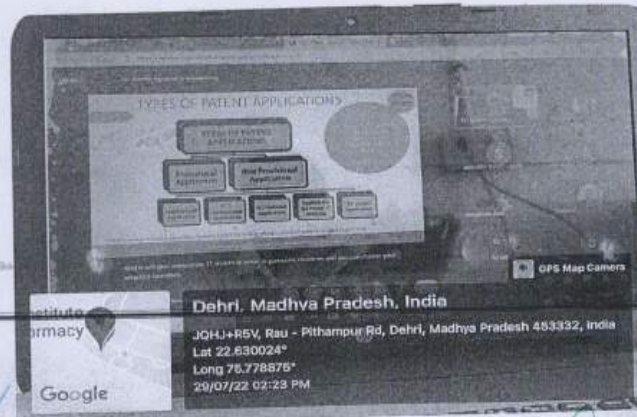
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Session II, Lecture II by Dr. Ritesh Agrawal on Intellectual Property Rights on 29th July



Patent Specification Structure



Types of Patent Applications



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PAYMENT ADVICE
INDORE INSTITUTE OF PHARMACY
C/O INDORE INSTITUTE OF PHARMACY
PITHAMPUR ROAD RAY
OPP IIM
INDORE, MADHYA PRADESH PIN - 453331

Beneficiary Name: Neeraj Prakash Gehniya
Beneficiary Code: 619019016821665
Beneficiary Account Number:
Beneficiary Address:

Client Reference No: 01092422-001
Date: 01/08/2022
UTR / RPN No: N213222059944453
Amount: 3000.00
Amount in Words: Three Thousand Rupees

Dear Sir / Madam,
We have initiated your payment to RBI for the amount of 3000.00 for the services rendered, via NEFT for below mentioned details.

IFSC Code: UTIR0000092
Beneficiary Bank Name: AXIS BANK
Beneficiary Branch Name: GERRASADUN
Payment Details 1:
Payment Details 2:
Payment Details 3:
Payment Details 4:
Payment Details 5:
Payment Details 6:
Payment Details 7:

(Signature)
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(Signature)
(G. G. G. G.)

This is Computer Generated Invoice. Does not require any signature.



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8/12/22, 3:03 PM Impact Lecture Series 2022-23 Institution's Innovation Council 4.0 MoE's Innovation Cell (MIC), AICTE

Impact Lecture Series 2022-23 Institution's Innovation Council 4.0 MoE's Innovation Cell (MIC), AICTE

E-Feedback Form (Entrepreneurship: An act of becoming the Boss of one's destiny)

sandeep.patil@indoreinstitute.com (not shared)

Switch account

* Required

Name of the Participant *

Your answer

E-mail address of the Participant *

Your answer

Was the session up to the standard as far as the content is concerned? *

Yes
 No
 Maybe

Did you get benefited with the session? *

Yes
 No
 Maybe

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8/12/22, 3:03 PM

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Did the speaker cover all the aspects of the topic? *

- Yes
- No
- Maybe

How would you rate the Speaker? *

- Average
- Good
- Very Good

Do you want such sessions in future? *

- Yes
- No
- Maybe

Remark if any *

Your answer

Submit

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Sl. No.	Name of the Candidate	Roll No.	Grade	Remarks
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1232021 12 34 44	Ujjain Pooj	ujainpooj01@gmail.com	Yes	Yes	Very Good	Yes
1232021 12 28 86	Saikat	saikat@saikat06@gmail.com	Yes	Maybe	Good	Yes
1232021 14 40 04	Dhruv Joshi	dhruv1042@gmail.com	Yes	Yes	Good	Yes
1232021 14 17 22	Patel Jaydeep	jaydeep1902@gmail.com	Yes	Maybe	Good	Yes
1232021 16 02 33	Mushtak Sarf	SarfMushtak1902@gmail.com	Yes	Yes	Good	Yes
1232021 17 12 30	Ashra Javed	ashra.javed134@gmail.com	Yes	Yes	Good	Yes
1242021 10 02 87	Rajesh Singh Pooj	rajeshsinghpooj04@gmail.com	Yes	Yes	Very Good	Yes
1262021 10 44 41	Yash Jain	yashjain0219@gmail.com	Yes	Yes	Good	Yes
1262021 11 47 18	Aman Chauhan	aman1743@gmail.com	Yes	Yes	Average	Yes
1262021 11 47 25	Abhishek Kishor	abhishek09@gmail.com	Yes	Yes	Very Good	Yes
1262021 11 44 10	Chiranjeev Kumar	chiranjeev08@gmail.com	Yes	Yes	Very Good	Yes
1282021 9 06 30	Pratiksha Shrivastava	pratikshashrivastava143@gmail.com	Yes	Maybe	Good	Yes


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Impact Lecture Series 2022-23 Institution's

Impact Lecture Series 2022-23 Institution's Innovation Council 4.0 MoE's Innovation Cell (MIC), AICTE

(E-Feedback Form) Application of AI in Pharma

* Required

1. Name of the Participant *

2. E-mail address of the Participant *

3. Was the session up to the standard as far as the content is concerned?

Mark only one oval.

- Yes
 No
 Maybe

4. Did you get benefited with the session?

Mark only one oval.

- Yes
 No
 Maybe

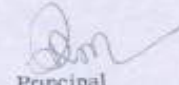
5. Did the speaker cover all the aspects of the topic?

Mark only one oval.

- Yes
 No
 Maybe




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6. How would you rate the Speaker?

Mark only one oval.

- Average
- Good
- Very Good

7. Do you want such sessions in future?

Mark only one oval.


- Yes
- No
- Maybe

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Sl. No.	Name of the Candidate	Roll No.	Grade	Remarks
70710022	Shri. Atul Kumar Sharma	70710022	Very Good	
70710023	Shri. Atul Kumar Sharma	70710023	Good	
70710024	Shri. Atul Kumar Sharma	70710024	Very Good	
70710025	Shri. Atul Kumar Sharma	70710025	Good	
70710026	Shri. Atul Kumar Sharma	70710026	Very Good	
70710027	Shri. Atul Kumar Sharma	70710027	Good	
70710028	Shri. Atul Kumar Sharma	70710028	Very Good	
70710029	Shri. Atul Kumar Sharma	70710029	Good	
70710030	Shri. Atul Kumar Sharma	70710030	Very Good	
70710031	Shri. Atul Kumar Sharma	70710031	Good	
70710032	Shri. Atul Kumar Sharma	70710032	Very Good	
70710033	Shri. Atul Kumar Sharma	70710033	Good	
70710034	Shri. Atul Kumar Sharma	70710034	Very Good	
70710035	Shri. Atul Kumar Sharma	70710035	Good	
70710036	Shri. Atul Kumar Sharma	70710036	Very Good	
70710037	Shri. Atul Kumar Sharma	70710037	Good	
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70710058	Shri. Atul Kumar Sharma	70710058	Very Good	
70710059	Shri. Atul Kumar Sharma	70710059	Good	
70710060	Shri. Atul Kumar Sharma	70710060	Very Good	



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7/1/2022 2:08:22 Divyanshu Jaiswal	Yes	Yes	Very Good	Yes	No	
7/1/2022 2:10:28 vide Divyanshu	Yes	Yes	Good	Yes	No	
7/1/2022 2:10:28 Divyanshu Jaiswal	Yes	Yes	Very Good	Yes	Very good lecturer	
7/1/2022 2:10:28 Dr. Maheshwari / Dr. Chhavi	Yes	Yes	Good	Yes	no paper for all in labors non-organized in	
7/1/2022 2:10:52 Tanya Srivastava	Yes	Yes	Good	Yes		
7/1/2022 2:10:52 Sachin Kumar and sudhanshu	Yes	Yes	Very Good	Yes		
7/1/2022 2:15:17 Prayanshu Jaiswal	Yes	Yes	Good	Yes	Interactive	
7/1/2022 2:30:50 Shreshth Jaiswal	Yes	Yes	Very Good	Yes	The session was good and we gained lot of knowledge	
7/1/2022 2:45:05 Shriya Bhatnagar Bhatnagar	Yes	Yes	Good	Yes		
7/1/2022 2:51:00 Pooja Sen	Yes	Yes	Very Good	Yes		
7/1/2022 2:56:20 Gaurav Agrawal	Yes	Yes	Good	Yes	OK	
7/1/2022 2:57:17 Saptarishi Saha	Yes	Yes	Very Good	Yes		
7/1/2022 2:58:18 Ujjwal Prasad	Yes	Yes	Very Good	Yes		
7/1/2022 2:58:22 Manjiv Sharma Sahasr	Yes	Yes	Very Good	Yes		
7/1/2022 2:58:11 Divyanshu Bhatnagar	Yes	Yes	Good	Yes		
7/1/2022 2:58:17 Devansh Kumar Laxminarayan	Yes	Yes	Very Good	Yes		
7/1/2022 3:03:17 Sneha Bhatnagar	Yes	Yes	Good	Yes		
7/1/2022 3:08:37 Pratik Bhatnagar	Yes	Yes	Very Good	Yes		
7/1/2022 3:09:20 Anshul Singh Chauhan	Yes	Yes	Very Good	Yes		
7/1/2022 3:14:40 Utkal Bhatnagar	Yes	Yes	Good	Yes		
7/1/2022 3:20:37 Raju Bhatnagar	Yes	Yes	Very Good	Yes		
7/1/2022 3:24:50 VANSHI BHATTACHARYA	Yes	Yes	Good	Yes		
7/1/2022 3:28:46 Sakshi Yadav	Yes	Yes	Good	Yes		
7/1/2022 3:29:24 Chaitanya Jaiswal	Yes	Yes	Good	Yes		
7/1/2022 3:34:21 Pratik Bhatnagar	Yes	Yes	Good	Yes		
7/1/2022 3:35:30 Sneha Bhatnagar	Yes	Yes	Good	Yes		
7/1/2022 3:44:52 Anshul Bhatnagar	Maybe	Yes	Good	Yes		
7/1/2022 3:46:02 Nisha Tripathy	Yes	Yes	Good	Yes		
7/1/2022 3:50:14 Yash Jaiswal	Yes	Yes	Good	Yes		
7/1/2022 3:59:15 Shreshth Jaiswal	Yes	Yes	Good	Yes		
7/1/2022 4:03:20 Sneha Bhatnagar	Yes	Yes	Good	Yes		
7/1/2022 4:20:31 Pratik Bhatnagar	Yes	Yes	Good	Yes		
7/1/2022 4:20:04 Anamika Bhatnagar	Yes	Yes	Good	Yes		
7/1/2022 4:44:27 Mani Bhatnagar	Yes	Yes	Very Good	Yes		

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



[Signature]
 (Co-ordinator)

[Signature]
 Principal
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8/12/22, 3:00 PM

Impact Lecture Series 2022-23 Institution's Innovation Council 4.0 MoE's Innovation Cell (MIC), AICTE

Impact Lecture Series 2022-23 Institution's Innovation Council 4.0 MoE's Innovation Cell (MIC), AICTE

How to Create and Sell your Ideas @startup

* Required

1. Name of the Participant *

2. E-mail address of the Participant *

3. Was the session up to the standard as far as the content is concerned?

Mark only one oval.

- Yes
 No
 Maybe

4. Did you get benefited with the session?

Mark only one oval.

- Yes
 No
 Maybe

5. Did the speaker cover all the aspects of the topic?

Mark only one oval.

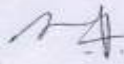
- Yes
 No
 Maybe




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8/12/22, 2:49 PM

Impact Lecture Series 2022-23 Institution's Innovation Council 4.0 MoE's Innovation Cell (MIC), AICTE

Impact Lecture Series 2022-23 Institution's Innovation Council 4.0 MoE's Innovation Cell (MIC), AICTE

Know the Secrets of Intellectual Property Rights

* Required

1. Name of the Participant *

2. E-mail address of the Participant *

3. Was the session up to the standard as far as the content is concerned?

Mark only one oval.

Yes

No

Maybe

4. Did you get benefited with the session?

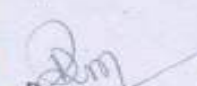
Mark only one oval.

Yes

No


Maybe




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




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


(Coordinator)



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8/12/22, 7:49 PM

Impact Lecture Series 2022-23 Institution's Innovation Council 4.0 MoE's Innovation Cell (MIC), AICTE

5. Did the speaker cover all the aspects of the topic?

Mark only one oval.

Yes

No

Maybe

6. How would you rate the Speaker?

Mark only one oval.

Average

Good

Very Good

7. Do you want such sessions in future?

Mark only one oval.


Yes

No


Maybe

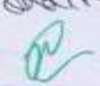
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Google Forms


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Indore Institute of Pharmacy,
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(Co-ordinator)

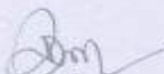

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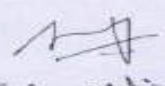
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Sl. No.	Name of the Candidate	Roll No.	Grade	Remarks
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Register - Under UGC 219)

19/02/2019 14:42:25 Vinod Sharma	indore@indoreip@gmail.com	Yes	Yes	Very Good	Yes
19/02/2019 14:42:25 Gunjan Singh	gunjan@indoreip@gmail.com	Yes	Yes	Very Good	Yes
19/02/2019 14:42:25 Pratik Sharma	pratik@indoreip@gmail.com	Yes	Yes	Very Good	Yes
19/02/2019 14:42:25 Anshu Sharma	anshu@indoreip@gmail.com	Yes	Yes	Good	Yes


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INDORE INSTITUTE OF PHARMACY, INDORE



SUMMARY

Indore Institute of Pharmacy conducted Impact Lecture Series sponsored by MOE's Innovation Cell, AICTE on 18th and 29th July to encourage and evolve the tendency of Entrepreneurship, Startup among the budding pharmacist who are going to be the future leaders of the country. The series witnessed well learned personalities from the industry; the first lecture series which took place on 18th July was delivered by Dr. Neeraj Sethiya, Asst. Professor DIT University, Dehradun. He enlightened all the students and the faculty members on the topic of the session, 'Entrepreneurship: an act of becoming the Boss of one's destiny'. It was a very educating lecture about entrepreneurship – what it actually means? Dr. Sethiya explained that an entrepreneur is the person who provides the solution to any problem which the common people are facing. Students were very curious and they were all satisfied by the sheer intelligence of the learned speaker.

The second lecture of the series was conducted by Dr. Parizad Elchidana, Principal technical Consultant ACG World, Mumbai on 'Application of AI in Pharma. Dr. Elchidana has got more than thirty years of experience in the field and listening her lecture was quite enthralling, faculty members and students were highly benefitted with her vast knowledge in this arena.

The second lecture series was conducted on 29th of July and the first lecture of it was delivered by Mr. Gourav Goyal, Asst. Director MSME DFO, Indore. He spoke on 'How to create and sell your ideas@startup'. Students thoroughly enjoyed the session and learned about the various schemes and benefits provides by the Government to encourage the tendency of becoming the job giver.




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The second lecture of the same session was conducted by Dr. Ritesh Agrawal who is well known name in the field of patent, service mark and such kind of work and is holding the post of Director IPR Cell, Pacific University, Udaipur, Rajasthan. He spoke on 'Know the secrets of Intellectual Property Rights'. The session was filled with great energy and received the same response from the students also who asked many queries related to the session.

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Register - Under UGC 2(F)

IIP/2022/

Date: 13th Aug, 2022

To,
The Innovation Officer,
MoE's Innovation Cell,
New Delhi – 110070

Subject: Report and supporting documents of IIC Impact Lecture Series conducted at Indore Institute of Pharmacy, Indore

Sir,

Indore Institute of Pharmacy being the Institution's Innovation Council's affiliated institute with IIC ID – IC202015121, conducted the sponsored Impact Lecture Series on 18th and 29th July, 2022. Please find enclosed supporting documents for your kind perusal.

The detail of the attached documents is given below:

1. Approval of Conduct
2. Mandate Form
3. Report - Session I, Lecture I dated 18th July
4. Report - Session I, Lecture II dated 18th July
5. Report - Session II, Lecture I dated 29th July
6. Report - Session II, Lecture II dated 29th July
7. E-Feedback form response sheets of four lectures
8. Poster of both the sessions
9. Geotagged Photos of all the four lectures
10. Payment reference id to three speakers (One speaker humbly denied to take remuneration, supporting certificate is presented)
11. Payment receiving acknowledgements by speaker.
12. Statement of Expenditure

You are requested to kindly reimburse the sum of rupees Nine Thousand at earliest.

Thank you.

Yours Faithfully,

Principal
Indore Institute of Pharmacy, Indore
Principal
Indore Institute of Pharmacy,
Indore





Indore Institute of Pharmacy

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Register - Under UGC 21F

Dr. Pankaj Dixit <pankaj.dixit@indoreinstitute.com>

List of IIC Institutions Selected for Organizing Impact Lecture Sessions – Institution's Innovation Council, MoE's Innovation Cell - Reg.

Dinesh Kumar Mishra <dineshkumar.mishra@indoreinstitute.com>
Pankaj Dixit <pankaj.dixit@indoreinstitute.com>, Sandeep Patil <sandeep.patil@indoreinstitute.com>

Tue, May 17, 2022 at 8:23 PM

Forwarded message —

C MHRD <ic.mhrd@aicte-india.org>

May 17, 2022, 16:02

List of IIC Institutions Selected for Organizing Impact Lecture Sessions – Institution's Innovation Council, MoE's Innovation Cell - Reg.

ankush.sharma@aicte-india.org>, selva rani <selva.rani@aicte-india.org>, Abhishek Ranjan <innovationofficer4@aicte-india.org>, <startupfellow3@aicte-india.org>, <startupfellow4@aicte-india.org>

Principal
Indore Institute of Pharmacy

Madam,

Pleasure to inform that a total 645 IIC Institutions are listed to organize impact lectures (in online mode only) in their respective campuses during the period from 23rd May to 15th July 2022 and submit the reports by 30th July 2022 in the IIC portal. Detail list is attached and also you can check the same at <https://api.mic.gov.in/s/institutes/mic/images/announcements/impact%20lecture%20phase2-%20selected%20iic%20institutions.pdf>

Ministry of Education's Innovation Cell (MIC) will provide funding assistance to these IIC institutions towards organizing Impact Lecture Sessions (honorarium to invited external faculty). Please go through the attached guideline for conduct of impact lecture sessions.

For any query, please reach to Mr. Ankush Sharma, Innovation Officer, MIC at ankush.sharma@aicte-india.org, Phone no - 011 29581223

With regards,

Dr. Pankaj Dixit
Innovation Director
Ministry of Education's Innovation Cell
IQ, Nelson Mandela Road, Vasant Kunj,
New Delhi 110070 Phone: 011 29581226



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ive Emails: dipan.sahu@gov.in, deepun.sahu@gmail.com
e: <https://mic.gov.in>

Institute of Science & Technology (IIST)
Institute of Management & Research (IMR)
Institute of Pharmacy (IIP)
te IIM, Pithampur Road, Rau, Indore, Madhya Pradesh
e: 1800 103 3069 | info@indoreinstitute.com | www.indoreinstitute.com

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does not accept liability for any errors or omissions in the contents of this message, which arise as a result of e-mail transmission, Shail Group of Institutions, opposite IIM, Pithampur Road, Rau, Indore, Madhya Pradesh, www.indoreinstitute.com

Attachments

Impact Scheme -Phase II Guidelines.pdf
5K

Impact Scheme -Phase II Selected IIC Insitutions.pdf
2K




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All India Council For Technical Education

Nelson Mandela Marg, Vasantkunj, New Delhi-110070

Mandate Form (For Institutes / Colleges)

Name of the Institutes	Indore Institute of Pharmacy
Permanent ID of the Institute	AISHE Code-C-35938
Head of the Institute	Principal-Dr Dinesh Kumar Mishra
Type of Institute	Private
Address of Institute	Opposite IIM, Rau-Pithampur Road, Rau, Indore Indore, Madhya Pradesh PIN: 453331
PAN of the Institute (enclose the copy)	AABAS3763Q
Telephone No. of the Head of the Institute	07314010603
E-Mail id of the Head of the Institute	principalpharmacy@indoreinstitute.com
Name of Bank where RTGS amount is to be sent	HDFC
Branch Name	Siyaganj
Address of the Bank	Opposite District Court, Siyaganj, Indore Indore, Madhya Pradesh PIN: 452007
Telephone No. of the Bank	07316160616
Name of the A/c holder	Indore Institute of Pharmacy
Account Type	Current
Account Number (Full):	50200032349803
Banker's IFSC Code:	HDFC0003855

It is declared that all information provided are true in all respect.

Signature of Account holder *Arun Bhatnagar*
 Or authorized Signatory with Seal *Indore Institute of Pharmacy*



Date : 14/3/22
 Place : Indore

Authorized Signatory

Note: (1) All Data needs to be filled mandatorily for facilitating RTGS transfer of the amount against Institute's name.
 (2) Name of Institute and Name of Account holder should be same for remitting RTGS.



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 INDORE (M.P.)





**Indore Institute of
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INDORE INSTITUTE OF PHARMACY

Name of the Event	:	MOE's Impact Lecture Series
Expert Speaker	:	Dr. Neeraj Kumar Sethiya Asst. Professor DIT University, Dehradun
Date of the Event	:	18th July, 2022
Number of Students joined the lecture	:	77
Number of Faculty joined the lecture	:	07
Academic session	:	2022-23

Indore Institute of Pharmacy, Indore organized Impact Lecture Series sponsored by MOE's Innovation Cell, AICTE on 18th July, 2022. Out of the series of two lectures, the first lecture was taken by Dr. Neeraj Kumar Sethiya on 'Entrepreneurship: An act of becoming the Boss of one's own destiny' at 11 A.M on Google Meet.

Dr. Sethiya thoroughly explained the idea of Entrepreneurship and how it is different from traditional business. He emphasized on the most important concept of becoming the Entrepreneur is to find out the problem which common people are facing in day to day life and as a solution provider of the problem one can easily become a successful Entrepreneur and he justified the thought by giving example of Mr. Ritesh Agrawal, Founder and CEO of OYO hotel rooms as the youngest achiever in the field. He also informed students the kind of financial support government is ready to provide to any innovative idea.

Mr. Sandip Patil Co-ordinated the session. Dr. Dinesh Kumar Mishra, Principal Indore Institute of Pharmacy gave vote of thanks to Dr. Neeraj Kumar Sethiya.



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



(Page 1 of 2)

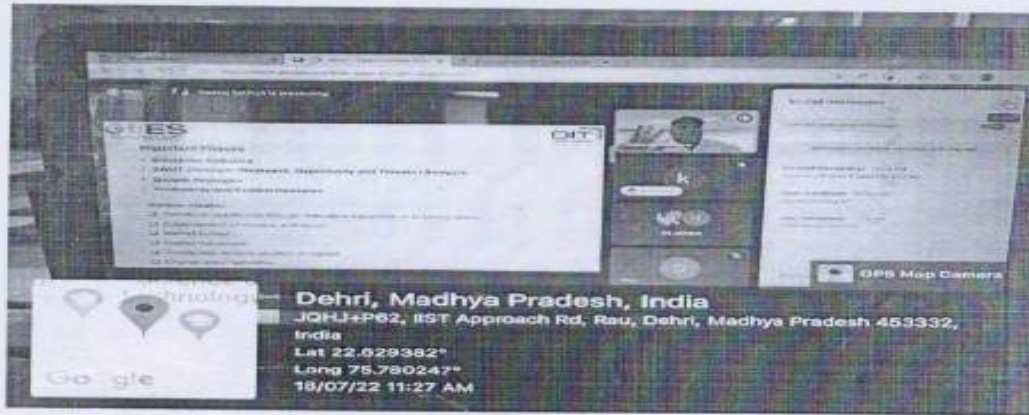


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Example of OYO



Important phases in Entrepreneurship


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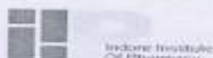
(page 2 of 2)

6



Indore Institute of Pharmacy

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Register - Under UGC 2(F)



INDORE INSTITUTE OF PHARMACY

Name of the Event	:	MOE's Impact Lecture Series
Expert Speaker	:	Dr. Parizad Elchidana Principal Technical Consultant ACG World, Mumbai
Date of the Event	:	18th July, 2022
Number of Students joined the lecture	:	67
Number of Faculty joined the lecture	:	06
Academic session	:	2022-23

Indore Institute of Pharmacy, Indore organized Impact Lecture Series sponsored by MOE's Innovation Cell, AICTE on 18th July, 2022. Out of the series of two lectures, the second lecture was taken by Dr. Parizad Elchidana on 'Application AI in Pharma' at 1:30 P.M on Google Meet.

Dr. Parizad Elchidana is a very senior person working for more than 35 years in the Pharma industry; she very extensively spoke about the various implementations of Artificial Intelligence in pharma sector from drug discovery to drug testing. She guided students about its usage in patient care and health monitoring; she also inspired students to take some course in AI to have better and deep understanding of the same.

Mr. Sandip Patil Co-ordinated the session. Dr. Pankaj V. Dixit, HOD, Pharmacology Indore Institute of Pharmacy gave vote of thanks to Dr. Parizad Elchidana.

URLs:

Face book URL of Poster:

<https://www.facebook.com/247772811920299/posts/pfbid0tthozK2hUu9eVWfVPQfSb6Bs41esv5B3uzWNVb8pMQwyCGCenEudteGSdIqQJemNl/?app=fbi>

LinkedIn URL of Poster:

https://www.linkedin.com/posts/indore-institute-indoreinstitute-iist-iip-activity-6953957059696111?utm_source=linkedin_share&utm_medium=android_app

(Page 1 of 2)



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

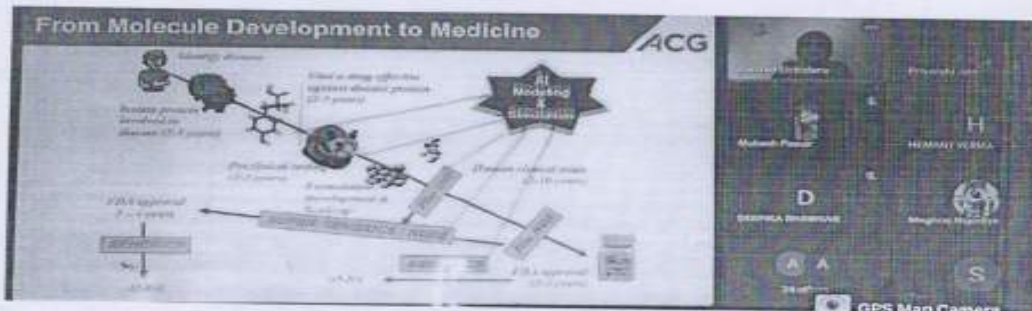


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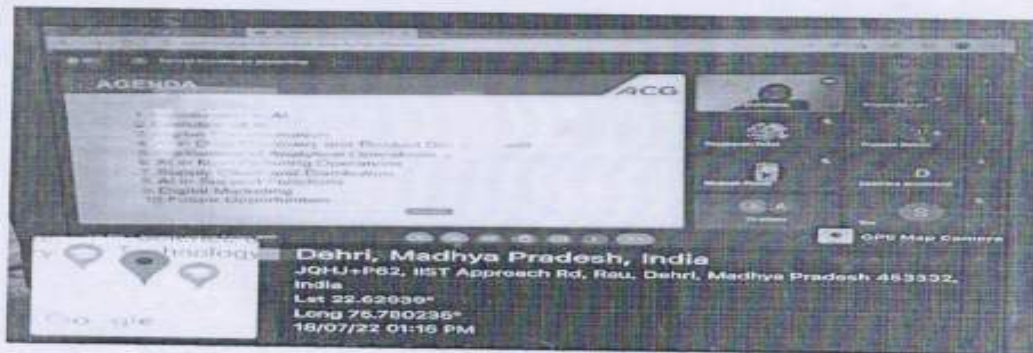


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From Molecule Development to Medicine



Agenda: Introduction to AI; Evolution of AI

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



[Signature]
(Co-ordinator)

(Page 2 of 2)



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Indore Institute of Pharmacy

Honorarium Receipt for IIC – Impact Lecture Series

Date: 10/08/2022

This is to certify that the expert resource person Dr. Parizad Elchidana, Principal Technical Consultant ACG – World humbly deny to take any remuneration out of her own will for the Lecture II of Session I which entitled 'Application of AI in Pharma' conducted on July 18th, 2022 by Indore Institute of Pharmacy, Indore.

Regards,


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




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



Pithampur Road, Opposite IIM, Rav, Indore-453331, Madhya Pradesh, India
Tel: 07314010603, Fax: 0731-4010502, principalpharmacy@indoreinstitute.com
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Indore Institute of Pharmacy

INDORE INSTITUTE OF PHARMACY

Name of the Event	:	MOE's Impact Lecture Series
Expert Speaker	:	Mr. Gourav Goyal Asst. Director, MSME DFO, Indore
Date of the Event	:	29th July, 2022
Number of Students joined the lecture	:	53
Number of Faculty joined the lecture	:	13
Academic session	:	2022-23


Indore Institute of Pharmacy, Indore organized Impact Lecture Series sponsored by MOE's Innovation Cell, AICTE – Session II on 29th July, 2022. Out of the series of two lectures, the first lecture was taken by Mr Gourav Goyal on 'How to create and sell your ideas @ startup' at 10:30 A.M on Google Meet.

Mr. Gourav Goyal very elaborately illustrated about the concept of Startup, he did explain the difference between the two commonly exchangeable words – Startup and Entrepreneurship. He emphasized the need of nurturing the idea through brainstorming or it can be picked up from any source like hobby, interest, real life problem. Mr Goyal tried to encourage the participants to find the problem in the society so that as a solution a Startup can be established. He pointed out that a Startup is not a traditional business but it is something which is a modified version of the same after looking the changed need of the society and customers regarding the products. He has given number of names of the local Startup from Indore itself like Cerragreen which deals in ecofriendly and biodegradable items, Freebird Aerospace which manufactures AI based drones, Aarts, Planet Furniture, Kimirika and many more in the row.

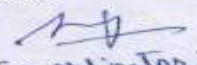
Mr. Goyal also clarified to the participants of the pre-requisites of establishing a-startup that one must study about the estimated cost of the product manufacturing, how to generate the finance and how to apply for the subsidised loan from various government agencies.

He further showcased the sectors where Madhya Pradesh has no industries which includes Black Board, gas Stove, Pressure Cooker, Electric Switches, Plug and Sockets. Few sectors




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(Page 1 of 3)

10



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where Madhya Pradesh has very less participation like Plywood, Carbon Steel Cast, Marine Plywood, Safety Toy, Irrigation Items, Submersible Pump, Flush Door etc.

Mr. Sandip Patil Co-ordinated the session and gave vote of thanks to Mr. Gourav Goyal.

Insta URL - <https://www.instagram.com/p/CglbabmIDi-/?igshid=YmMyMTA2M2Y=>

Facebook URL


<https://www.facebook.com/247772811920299/posts/pfbid032V3VD4u3JsqCEktYk8tkNa4uBb71KEo46EDuu9TC8ETDEsMonuxSAVJvGQRHVqgol/?app=fbl>



Facts about the sectors where opportunity is open for new industry


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(Co-ordinator)



(Page 2 of 3)



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Checklist before you start


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(Co-ordinator)



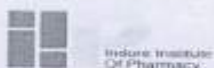


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INDORE INSTITUTE OF PHARMACY

Name of the Event	:	MOE's Impact Lecture Series
Expert Speaker	:	Dr. Ritesh Agrawal Director IPR Cell, Pacific Academy of Higher Education and Research University Udaipur, Rajasthan
Date of the Event	:	29th July, 2022
Number of Students joined the lecture	:	59
Number of Faculty joined the lecture	:	10
Academic session	:	2022-23

Indore Institute of Pharmacy, Indore organized Impact Lecture Series sponsored by MOE's Innovation Cell, AICTE – Session II on 29th July, 2022. Out of the series of two lectures, the first lecture was taken by Mr. Ritesh Agrawal on 'Know the secrets of Intellectual Property Rights' at 10:30 A.M on Google Meet.

Dr. Agrawal has got the practical experience in the field of Intellectual Property Rights and he has explained it in all its length and width. He started the session with Patent and further explained that patent can be filed for any invention a person does, it provides the security against any piracy or misuse of the invention. The government of India provides the patent for 20 years and after this one has to re-file the same to continue his right on the patent.

He clarified to the participants the difference between Patent and Copyright also, continued further that Copyright is provided for literature, music, art, software, movies etc. No one can use any part or complete material without the permission of the owner. The Copyright is provided for the life time of the author and continues even 60 years after his death.

Dr. Agrawal also spoke about Trade Mark which provides the owner the exclusive right over the name, font and style of the product. For continuous usage of Trade Mark, one has to pay the renewal fee every 10 years of the registration.

It was completely a very fruitful session and students did throw their queries about the Intellectual Property Rights and the speaker very profoundly satisfied all the participants.

Mr. Sandip Patil Co-ordinated the session and gave vote of thanks to Dr. Ritesh Agrawal.

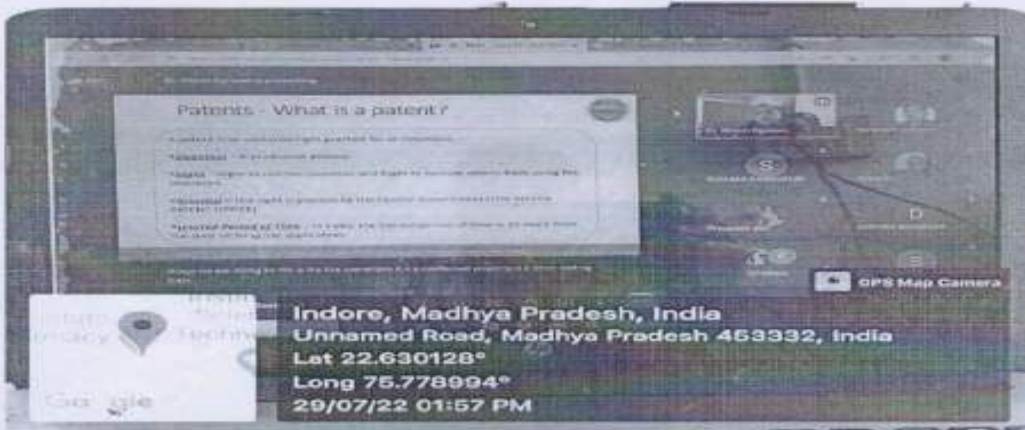


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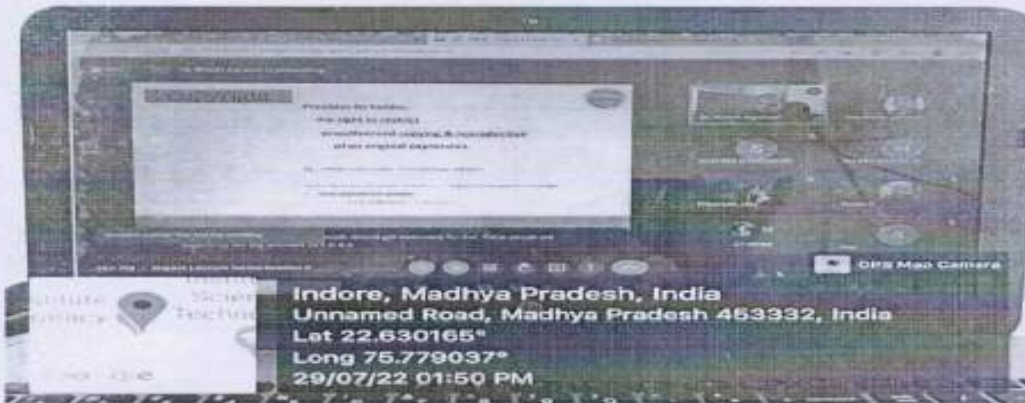


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(Page 1 of 2)



What is Patent?



Copyright and its rules


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(Page 2 of 2)



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PAYMENT ADVICE
INDORE INSTITUTE OF PHARMACY
C/O INDORE INSTITUTE OF PHARMACY
PITHAMPUR ROAD RAY
OPP IIM
INDORE, MADHYA PRADESH, Pin - 453331

Beneficiary Name : Goursav Goyal
Beneficiary Code :
Beneficiary Account Number : 32130051161
Beneficiary Address :

Client Reference No : 02082022-001
Date : 03/08/2022
UTR / RRN No : N215222962002159
Amount : 3000.00
Amount in Words : Three Thousand Rupees

Dear Sir / Madam,

We have initiated your payment to RBI for the amount of 3000.00 for the services rendered, vide NEFT for below mentioned details

IFSC Code : SBIN0001200
Beneficiary Bank Name : CHINDWASHA
Beneficiary Branch Name : I.E. INDORE
Payment Details 1 :
Payment Details 2 :
Payment Details 3 :
Payment Details 4 :
Payment Details 5 :
Payment Details 6 :
Payment Details 7 :



Handwritten signature and text: (Co-ordinator)



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INDORE INSTITUTE OF PHARMACY
C/O INDORE INSTITUTE OF PHARMACY
PITHAMPUR ROAD RAY
OPP IIM
INDORE, MADHYA PRADESH Pin : 453331

Beneficiary Name: Rishi Agrawal
Beneficiary Code:
Beneficiary Account Number: 004401032561
Beneficiary Address:

Client Reference No: 02082022-001
Date: 03/08/2022
UTR / RRN No: N215222062082158
Amount: 3000.00
Amount in Words: Three Thousand Rupees

Dear Sir / Madam,

We have initiated your payment to RBI for the amount of 3000.00 for the services rendered, vide NEFT, for below mentioned details

IFSC Code: ICIC0000644
Beneficiary Bank Name: BSR TECH PARK
Beneficiary Branch Name: AURANGABAD
Payment Details 1:
Payment Details 2:
Payment Details 3:
Payment Details 4:
Payment Details 5:
Payment Details 6:
Payment Details 7:

(Signature)
Principal
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INDORE (M.P.)

(Signature)
(Co-ordinator)





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To whomsoever it may concern

Received the sum of rupees 3000 with thanks from Indore Institute of Pharmacy against Impact Lecture on 18th July, 2022.

Regards,

Dr. Neeraj Kumar Sethiya
Asst. Professor
DIT University, Dehradun


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TO WHOMSOEVER IT MAY CONCERN

Received the sum of rupees 3000 with thanks from Indore Institute of Pharmacy against Impact Lecture on 29th July, 2022.

Regards,

Mr. Gaurav Goyal

Assistant Director

MSME, DO, Indore

गौरव गोयल / Gaurav Goyal

सहा. निदेशक / Asstt. Director

भारत सरकार, सूक्ष्म, तनु और मध्यम मंत्रालय

Govt. of India, Ministry of

Micro, Small & Medium Enterprises

प्रारम्भिक-विकास संस्थान, इन्दौर

MSME-Development Institute, Indore

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To whomsoever it may concern


Received the sum of rupees 3000 with thanks from Indore Institute of Pharmacy against Impact Lecture on 28th July, 2022.

Regards,

Prof (Dr.) Ritesh Agrawal
Director IPR Cell,
Pacific University,
Udaipur, Rajasthan, India


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Indore




(Co-ordinator)







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Statement of Expenditure (for the financial year: 2022-23)

Name of Institute: Indore Institute of Pharmacy, Indore
IIC ID: IC202015121

Name of the Scheme under which Grant is approved (Reimbursement mode): Impact Lecture

Expenditure Details

Session-1		
Date:		
	Expert Name	Honorarium Amount(In Rs)
Lecture 1	Dr. Neeraj Sethiya	Rs.3000/- (Includes TDS Rs.300)
Lecture 2	Dr. Parizad Elchidana	NIL
Total (session 1)		Rs. 3000/-
Session 2		
Date:		
Lecture 1	Mr. Gaurav Goyal	Rs.3000/- (Includes TDS Rs.300)
Lecture 2	Dr. Ritesh Agrawal	Rs.3000/- (Includes TDS Rs.300)
Total (session 2)		Rs. 6000/-
Total Amount (Session1+Session2)	Rs. 9000	

Certified that I have satisfied myself that the conditions on which the amount was sanctioned have been duly fulfilled and that I have exercised the following checks to see that the money was actually utilized for the purpose for which it was sanctioned.

Kinds of checks exercised:

1. Expenditure is as per the guideline of the impact lecture scheme (Online mode)
2. Event Report, Receipts/Bills, transaction proof, Copy of Institute PAN Card along with mandate form is also submitted online (IIC Portal) and have to be submitted by post
3. TDS must be deducted by the institute before releasing honorarium amount to the experts as per income tax act (10%)

[Signature]

[Signature of Chartered Accountant*/Finance Officer**

/Registrar**/Govt. Auditor**]

Name of CA: Rohit Jain, Partner

Membership No.: 424949

Full Address: 105, Chakra Chamba, B-14 Anil Marg
[with seal] Indore

Place: Indore

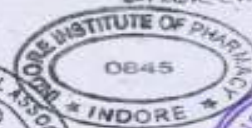
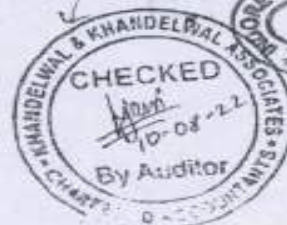
Date: 10-08-2022

UDIN: 22424949 AOTU46146

Case of private institutions/self-financing institutions
Case of Government Institutions



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



[Signature]

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

[Signature of Head of the Institute]

Name: Dr. Dinesh Kumar Mishra

Designation: Principal

Full Address: Indore Institute of Pharmacy,
[with seal] Indore (M.P.) 453351



S. No	Title of patent	Name of the author/s	Department of the teacher	Patent type (National/International)	Patent grant (Granted/not granted)	Date/Year	Link
1	A 3D PRINTING METHOD WITH A NOVEL WAY OF DRUG LOADING	Dr. Dinesh Kumar Mishra, Ms. Neelima Mandloi, Mr Kuldeep Vinchurkar, Dr. Pankaj Dixit	Pharmaceutics	Indian (National)	Granted	14. 02.2023	
2	A Method to Fabricate Gastroretentive Floating Tablet Case Using Fused Deposition Model (FDM) 3D Printing	Dr. Dinesh Kumar Mishra, Ms. Parul Vaisheav, Mr Kuldeep Vinchurkar, Dr. Nadeem Farooqui, Ms. Prachi Gupta	Pharmaceutics	Indian (National)	-	16.06.2023	
3	Process for fabrication of laboratory scale microneedles	Dr. Dinesh Kumar Mishra, Sanath Sahebrao Sindhkar, Dr. Pankaj Dixit, Dr. Sanjay Sharma, Ms Nayany Sharma	Pharmaceutics	Indian (National)	Granted	22-05-23	
4	Spirometer for Measurement of Lung Capacity	Rekha Bisht	Pharmacology	UK (International)	Granted	18-07-23	
5	A Method to Fabricate Gastroretentive Floating Tablet Case Using Fused Deposition Model (FDM) 3D Printing	Dr. Dinesh Kumar Mishra, Ms. Parul Vaisheav, Mr Kuldeep Vinchurkar, Dr. Nadeem Farooqui, Ms. Prachi Gupta	Pharmaceutics	Indian (National)	-	16.06.2023	
6	POLYHERBAL FORMULATION OF TRIANTHEMA PORTULACASTRUM AND LEONOTIS NEPETIFOLIA FOR DERMATITIS	Dr. Dishant Gupta, Dr. Priya Jain, Dr. Nadeem Ahmed Farooqui, Dr. Neelam Khan, Dr. Javed Pathan Khan, Dr. Mahavir Chhajer, Dr. Sumeet Dwived	Pharmaceutics	Indian (National)	-	23.06.2023	
7	SHOCK WAVE DEVICE USED TO TREAT DIABETIC FOOT ULCER	Rekha Bisht	Pharmacology	Indian (National)	-	19-08-23	
8	a method of evaluating antistress activity using ulcerogenic model of intraspecies emotional communication	Dr. Rekha Bisht	Pharmacology	Indian (National)	-	25-06-23	
9	a method of evaluating antistress activity using ulcerogenic model of intraspecies emotional communication	Mr. Rohit Sahu	Pharmacology	Indian (National)	-	25-06-23	
10	a method of evaluating antistress activity using ulcerogenic model of intraspecies emotional communication	Dr. Praveen Sharma	Pharmacology	Indian (National)	-	25-06-23	
11	"RP-HPLC Method development and validation for simultaneous analysis of dactilasvir and asunaprevir in bulk and pharmaceutical dosage form"	Dr. Praveen Sharma	Pharmacology	Indian (National)	-	20-10-23	

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12	Reflux Condenser Assembly	L. Praveen Sharma	Pharmacology	UK (International)	Granted	06-11-23	
13	Blister Machine For Pharmaceutical purpose	Dr. Praveen Sharma	Pharmacology	UK (International)	Granted	24-11-23	
14	Blister Machine For Pharmaceutical purpose	Nayany Sharma	Pharmacology	UK (International)	Granted	24-11-23	
15	a method of evaluating antistress activity using ulcerogenic model of intraspecies emotional communication	Dr. Rupesh Gautam	Pharmacology	Indian (National)		25-06-23	
16	Blister Machine For Pharmaceutical purpose	Dr. Gumeet chhabra	Pharm. chemistry	UK (International)	Granted	24-11-23	
17	Polyherbal Tablet Formulation with anti tussive activity	Dr. Nadeem Ahmed, Himani Jaisinghani, Pritesh Paliwal	Pharmaceutics	Indian (National)	Granted	24-11-23	




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INDORE INSTITUTE OF PHARMACY

WORLD HEALTH DAY
7th April 2023



Name of Coordinator:
Ms. Saloni Yadav

Principal
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INDORE (M.P.)





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Institute Innovation Council (IIC)

Celebrating

Health for All - Theme 2023



WORLD HEALTH DAY
7th April

Organizing

Poster Making Competition

Theme: Health for All

(under the aegis of Society for Creative Art)

on 6th April, 2023

Principal:

Dr. Dinesh Kumar Mishra

Faculty Coordinator:

Ms. Saloni Yadav

IIST Campus, Opp. IIM(Indore), Rau-Pithampur Road, Rau, Indore 453331(MP)

www.indoreinstitute.com | info@indoreinstitute.com | www.facebook.com/IISTcollegeindore/

Toll Free: 1800 103 3069 | 822 407 4000 | 822 407 1000/2000/3000 | 822 507 1000/2000/3000



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INDORE INSTITUTE OF PHARMACY

NOTE SHEET

IIP/ Notesheet.....

Date: 31/3/23

To,

The Director General
IIST/IIP/IIMR, Indore

Subject: - Regarding approval to organize World Health Day 2023

Respected Sir,

With reference to above cited subject this is to inform that IIP is going to celebrate World Health Day on 6th April 2023. Poster Making Competition will be organized on theme Health for All.

I request you to kindly approve the permission for the celebration. Submitting it for your consideration.

Thanks

[Signature]
PRINCIPAL
Dr. Dinesh Kumar Mishra
IIP, INDORE
Indore Institute of Pharmacy,
INDORE (M.P.)

[Signature]
Coordinator
Safoni Yadav

[Signature]
31/3



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INDORE (M.P.)





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Indore Institute
Of Pharmacy

Date: 31/3/23

Circular

All the students of M.Pharm and B. Pharm (Jan-June 2023) are here by informed that IIP is going to celebrate the "World Health Day" on 6th April 2023. Poster Making Competition will be organized on the occasion.

Principal, IIP
Dr. Dinesh Kumar Mishra

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



Coordinator
Ms. Saloni Yadav

Principal
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Indore Institute of Pharmacy, Indore

Attendance Sheet

S.No. -	Name of Participant	Signature
1.)	Saunhya Katiyar	<i>[Signature]</i>
2.)	Poochi Jomari	<i>[Signature]</i>
3.)	Ayushi Saxena	<i>[Signature]</i>
4.)	Sushmita Mandal	<i>[Signature]</i>
5.)	Tanistha Sengar	<i>[Signature]</i>
6.)	Saverak Madeh	<i>[Signature]</i>
7.)	Vaibhav Komavat	<i>[Signature]</i>
8.)	Shubham Nawathe	<i>[Signature]</i>
9.)	chetna choudhary	<i>[Signature]</i>
10.)	Prabhleen Kaur	<i>[Signature]</i>
11.)	Raj Solanki	<i>[Signature]</i>
12.)	Aruni sunna	<i>[Signature]</i>
13.)	Nikhil Potanwar	<i>[Signature]</i>
14.)	Aham Khan	<i>[Signature]</i>



[Signature]
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INDORE INSTITUTE OF PHARMACY

Poster Making Competition Scoring Sheet

Name of Evaluator: *Dr. Sachin Bhatnagar (Industry Representative)*

S.No.	Student Name	Creativity (15marks)	Relevance to theme (15marks)	Originality (10marks)	Color Harmony (10 marks)	Total Marks Scored (50 marks)	Comments
✓1.	Namya Khatyar						
✓2.	Prochya Tamar						
✓3.	Ayushi Saxena	13	12	10	9	44	I st
✓4.	Sushmita Mandal	11	10	8	8	37	II nd
✓5.	Tanishka Sengar						
✓6.	Sarrah Madan	11	8	8	9	35	III rd
✓7.	Vaibhav Kumawat	10	9	8	8	35	III rd
✓8.	Shubham Navlakhe						
✓9.	Chetna Choudhary						
✓10.	Prabhleen Kaur						
✓11.	Raj Solanki						
✓12.	Avant Verma						
✓13.	NPKHP Patankar						
✓14.	Arham Khan						

[Signature]
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Registered under UGC 21F

INDORE INSTITUTE OF PHARMACY

Poster Making Competition Scoring Sheet

Name of Evaluator: *Nadeem sir*

S.No.	Student Name	Creativity (15marks)	Relevance to theme (15marks)	Originality (10marks)	Color Harmony (10 marks)	Total Marks Scored (50 marks)	Comments
1.	Saumya Katiyar				09		
2.	Prachi Tamar						
3.	Ayushi saxena	13	12	10	10	45	I st
4.	Sushmita Mandal	11	09	08	10	38	II nd
5.	Tanishka Sengar				09		
6.	Sarrah Madeti						
7.	Vidhiya Kumawat						
8.	Shubham Navlakhe						
9.	Chetna Choudhary						
10.	Prabhleen Kaur						
11.	Raj Selanki						
12.	Prani Verma						
13.	Nikhil Patankar						
14.	Arham Khan						



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Indore Institute of Pharmacy, Indore

A Report on World Health Day

Poster Making Competition was organized on the occasion of "World Health Day" on the theme "Health for All".

Date: 06.04.2023, 2:00pm onwards

Venue: Navsarjan Kaksh, IIP, Indore



Photographs of Competition

Conception:

World Health Day is celebrated since 1950, commemorating the establishment of the World Health Organization in 1948. The main aim is to promote healthy living and raising awareness about various health-related issues. As we approach World Health Day, we are reminded of the significant impact that mental health has on our overall well-being. As WHO says, there is no Health without Mental Health, and mental health is more than the absence of mental disorder.



[Signature]
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Objective:

The objective of World Health Day 2023 is to raise awareness about global health issues and highlights the importance of health and well being. Nobel cause for celebrating World Health Day as it serves a reminder to governments, organizations, and individuals around the world to prioritize and invest in health and wellness. It provides an opportunity to spread awareness about diseases, public health issues and the importance of preventive measures, especially current time of Covid-19. Celebrating a day, especially a Health Day encourages us take charge of our health and well-being by adopting healthy habits and seeking medical attention when necessary.



Photographs of Competition




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Details of the Programme: To raise awareness about global health issues and highlights the importance of health and well being. Indore Institute of Pharmacy celebrated World Health Day on 6th April 2023. On the day Poster Making Competition was organized on the Theme: "Health for All". Event was inaugurated by Dr. Dinesh Kumar Mishra, Principal IIP. Sir has motivated students for their active participation. Students from different semester actively participated in the competition. Time duration for the competition was about 1.5 hours. Judges for the competition was Mr. Sachin Bathma-MD in AASRA (Industry Representative) and Dr. Nadeem Farqoui-Professor and HOD. Judges evaluated the participants on certain parameters. Winners for Poster Making Competition: First Prize: Ayushi Saxena and Second Prize: Sushmita Mandal.


Coordinator
Ms. Saloni Yadav


Principal
Dr. Dinesh Kumar Mishra
Principal
Indore Institute of Pharmacy,
INDORE (M.P.)




Principal
Indore Institute of Pharmacy,
INDORE








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11/18/23, 10:55 AM WHD_Approved.jpg

Indore Institute of Pharmacy (C-35938)

ID	Activity Name	Type	Status	Submitted	NA	NA	NA
2	Quarter - Quarter 1 Name: World Health Day Poster Making Competition Type: Self-driven Activity	ONLINE/NOT YOUR REPORT	Submitted	NA	NA		
3	Quarter - Quarter 1 Name: World Health Day Poster Making Competition Type: Self-driven Activity	ONLINE/NOT YOUR REPORT	Submitted	NA	NA		
4	Quarter - Quarter 1 Name: World Health Day Poster Making Competition Type: Self-driven Activity	UPLOAD REPORT	Approval	NA	NA		

 
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Certificate of Registration for a UK Design

Design number: 6300926

Grant date: 06 November 2023

Registration date: 02 August 2023

This is to certify that,

in pursuance of and subject to the provision of Registered Designs Act 1949, the design of which a representation or specimen is attached, had been registered as of the date of registration shown above in the name of

Ms. Saloni Yadav, Dr. Bimlesh Kumar, Mr. Kuldeep Vinchurkar, Dr. Praveen

Sharma, Dr. Upendra Singh Bhadoriya

in respect of the application of such design to:

Reflux Condenser Assembly

International Design Classification:

Version: 14-2023

Class: 24 MEDICAL AND LABORATORY EQUIPMENT

Subclass: 01 APPARATUS AND EQUIPMENT FOR DOCTORS, HOSPITALS AND LABORATORIES

Adam Williams

Adam Williams

Comptroller-General of Patents, Designs and Trade Marks
Intellectual Property Office

The attention of the Proprietor(s) is drawn to the important notes overleaf.



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



Indore Institute of Pharmacy

Affiliated to - KUPV(Skhal) | Approved by - AICTE(New Delh) & PCI(New Delh)
Register - Under UGC 21F

5

(12) PATENT APPLICATION PUBLICATION (21) Application No.202321072460 A
 (19) INDEA
 (22) Date of filing of Application -24/10/2023 (43) Publication Date : 24/11/2023

(54) Title of the invention : POLYHERBAL TABLET FORMULATION WITH ANTI-TUSSIVE ACTIVITY

(51) International classification : A61K003696600, A61K003690600, A61K0036484000, A61K003670600, A61P0011140000
 (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

(71) Name of Applicant :
 1) Mr. Yash Rawka
 Address of Applicant : Student, Indore Institute of Pharmacy, Indore, Madhya Pradesh-433331, India Indore
 2) Ms. Priyanshi Jain
 3) Dr. Pritesh Pallwal
 4) Dr. Nadeem Ahmed Farooqui
 5) Ms. Himani Jaisinghani
 Name of Applicant : NA
 Address of Applicant : NA
 (72) Name of Inventor :
 1) Mr. Yash Rawka
 Address of Applicant : Student, Indore Institute of Pharmacy, Indore, Madhya Pradesh-433331, India Indore
 2) Ms. Priyanshi Jain
 Address of Applicant : Student, Indore Institute of Pharmacy, Indore, Madhya Pradesh-433331, 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*, Mentol; and pharmaceutically acceptable excipients, wherein the weight of *Saccharum officinarum* L. 2.3%, *Curcuma* 1.5%, *Syzygium aromaticum* 6.25%, *Trachyspermum ammi* 6.25%, *Piper nigrum* 7.5%, *Zingiber officinale* 7.5%, *Glycyrrhiza glabra* 12.5%, Mentol 1.25%, *Vanuca leaves* 6.25% and pharmaceutically acceptable excipients 10.00%. The polyherbal formulation, wherein the formulation is in the form of an aqueous solution. 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

The Patent Office Journal No. 47/2023 Dated 24/11/2023

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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, B20C 641180, B35Y 300000, G07F 179000

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(71) Name of Applicant :
 1) Dr. Dinesh Kumar Mishra
 Address of Applicant : Indore Institute of Pharmacy, Pithampur Road, opposite Indian Institute of Management, Raipur, Indore, Madhya Pradesh-453331

2) Ms. Parul Vaishnav
 3) Mr. Kuldip Vincharkar
 4) Dr. Nadeem Farooqui
 5) Ms. Prachi Gupta
 Name of Applicant : NA
 Address of Applicant : NA

(72) Name of Inventor :
 1) Dr. Dinesh Kumar Mishra
 Address of Applicant : Indore Institute of Pharmacy, Pithampur Road, opposite Indian Institute of Management, Raipur, Indore, Madhya Pradesh-453331

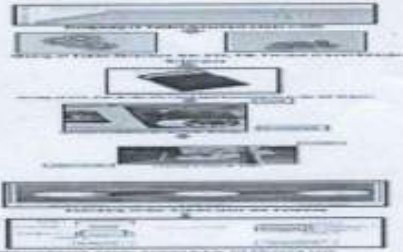
2) Ms. Parul Vaishnav
 Address of Applicant : Indore Institute of Pharmacy, Pithampur Road, opposite Indian Institute of Management, Raipur, Indore, Madhya Pradesh-453331

3) Mr. Kuldip Vincharkar
 Address of Applicant : Indore Institute of Pharmacy, Pithampur Road, opposite Indian Institute of Management, Raipur, Indore, Madhya Pradesh-453331

4) Dr. Nadeem Farooqui
 Address of Applicant : Indore Institute of Pharmacy, Pithampur Road, opposite Indian Institute of Management, Raipur, Indore, Madhya Pradesh-453331

5) Ms. Prachi Gupta
 Address of Applicant : Indore Institute of Pharmacy, Pithampur Road, opposite Indian Institute of Management, Raipur, 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 UI/maker 4.4 software. The floating tablet case consist 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 personalized medicine.



No. of Pages : 17 No. of Claims : 7



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The Patent Office Journal No. 24/2023 Dated 16/06/2023

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SL No :




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PATENT CERTIFICATE
(Rule 74 of The Patents Rules)

पेटेंट नं. / Patent No.	432446
अर्जदारी नं. / Application No.	202121017236
प्रदान करने की तारीख / Date of Filing	13.04.2021
पेटेंटर / Patentee	1. Dr. Dinesh Kumar Mishra 2. Sanath Sahabrao Sridhakar 3. Dr. Parika V. Doot 4. Dr. Sarjaj Sharma et al.


प्रमाणित किया जाता है कि पेटेंटर को, उपरोक्त अर्जदारी में प्रकटकृत PROCESS FOR FABRICATION OF LABORATORY SCALE MICRONEEDLES नामक आविष्कार के लिए, पेटेंट अधिनियम, 1970 के उपबंधों के अनुसार-अन्य शर्तों अर्थात् 2021 के तैरवें दिनांक से बीस वर्ष की अवधि के लिए पेटेंट प्रदान किया गया है।

It is hereby certified that a patent has been granted to the patentee for an invention entitled PROCESS FOR FABRICATION OF LABORATORY SCALE MICRONEEDLES as disclosed in the above mentioned application for the term of 20 years from the 13th day of April 2021 in accordance with the provisions of the Patents Act, 1970.

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Controller of Patent

प्रदान की तारीख / Date of Grant : 22/05/2023

ध्यान दें : इस पेटेंट के नवीकरण के लिए, इसे तब तक नए अर्जदारी, और 2023 के तैरवें दिनांक से और उसके अगले वर्षों में 6 अर्जदारी को भी
Note : The fees for renewal of this patent, it is to be maintained will fall due a schedule on 13th day of April 2023 and on the same day in every year thereafter.



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Department of Industrial Policy & Promotion,
Ministry of Commerce & Industry,
Government of India



Application Details

APPLICATION NUMBER	202321062073
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	15/09/2023
APPLICANT NAME	1 . Arshad Ali Noorani 2 . Pratik Ravindra Habde 3 . Dr. Sachin K. Jain 4 . Dr. Sanyam Gandhi 5 . Dr. Anil Gupta 6 . Dr. Aamena Banu Makda 7 . Gurdeep S Chabda 8 . Dr. Maniratna Nareda 9 . Dr. Pallab Kalita 10 . Dr. Praveen Sharma
TITLE OF INVENTION	RP-HPLC METHOD DEVELOPMENT AND VALIDATION FOR SIMULTANEOUS ANALYSIS OF DACLATASVIR AND ASUNAPREVIR IN BULK AND PHARMACEUTICAL DOSAGE FORM
FIELD OF INVENTION	CHEMICAL
E-MAIL (As Per Record)	nehamittal@feralip.com
ADDITIONAL-EMAIL (As Per Record)	
E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	--
PUBLICATION DATE (U/S 11A)	20/10/2023



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12, 13, 15



Certificate of Registration for a UK Design

Design number: 6326354

Grant date: 24 November 2023

Registration date: 16 November 2023

This is to certify that,

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Dr. Praveen Sharma, Ms. Saloni Yadav, Dr. Neeraj Sharma, Ms. Nayany
Sharma, Dr. Gurmeet Chhabra, Dr. Deenanath Jhade, Dr. Vijay Nigam, Dr.
Dheeraj Jain

in respect of the application of such design to:

Blister Machine for Pharmaceutical Purpose

International Design Classification:
Version: 14-2023
Class: 15 MACHINES, NOT ELSEWHERE SPECIFIED
Subclass: 10 MACHINERY FOR FILLING, PACKING OR PACKAGING

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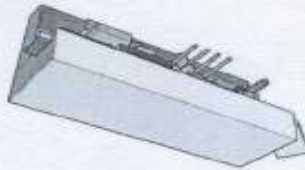
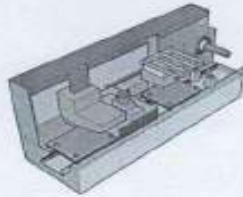
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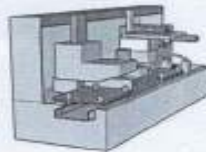



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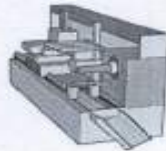
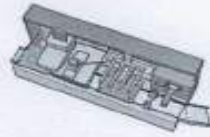



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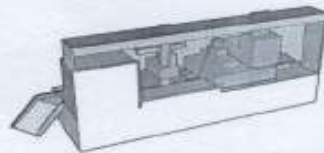



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Certificate of Registration for a UK Design

Design number: 6297186

Grant date: 26 July 2023

Registration date: 18 July 2023

This is to certify that,

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Dr. Biswajit Basu, Mrs. Moushumi Baidya, Dr. Sunkara Murali Krishna, Dr. Rekha

Bishi, Dr. Muzaffar Ahmed Farooqui, Mr. Ashok Kumar, Miss Ankita Porey, Mr.

Souvik Kundu, Mr. Rahul Patra, Mrs. Devlina Pal

in respect of the application of such design to:

Spirometer for Measurement of Lung Capacity

International Design Classification:

Version: 14-2023

Class: 24 MEDICAL AND LABORATORY EQUIPMENT

Subclass: 01 APPARATUS AND EQUIPMENT FOR DOCTORS, HOSPITALS AND LABORATORIES

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Comptroller-General of Patents, Designs and Trade Marks
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(54) Title of the invention : POLYHERBAL FORMULATION OF TRIANTHEMA PORTULACA STRUM AND LEONOTIS NEPETIFOLIA FOR DERMATITIS

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 Filing Date :NA

(71) Name of Applicant :
 1)Dr. Dishant Gupta
 Address of Applicant :Professor, Swami Vivekanand College of Pharmacy, Indore, Madhya Pradesh-452020, India -----
 2)Dr. Priya Jain
 3)Dr. Nadeem Ahmed Farooqui
 4)Dr. Neelam Khan
 5)Dr. Javed Pathan Khan
 6)Dr. Mahavir Chhajed
 7)Dr. Sumeet Dwivedi
 Name of Applicant : NA
 Address of Applicant : NA
 (72) Name of Inventor :
 1)Dr. Dishant Gupta
 Address of Applicant :Professor, Swami Vivekanand College of Pharmacy, Indore, Madhya Pradesh-452020, India -----
 2)Dr. Priya Jain
 Address of Applicant :Professor & Principal, Lakmi Narain College of Pharmacy (R.C.P.), Indore, Madhya Pradesh-453331, India -----
 3)Dr. Nadeem Ahmed Farooqui
 Address of Applicant :Professor, Indore Institute of Pharmacy, Indore, Madhya Pradesh-453331, India -----
 4)Dr. Neelam Khan
 Address of Applicant :Professor & Principal, Institute of Pharmacy, Amaltas University, Dewas, Madhya Pradesh-455001, India -----
 5)Dr. Javed Pathan Khan
 Address of Applicant :Professor & Principal, Index Institute of Pharmacy, Mahanadi University, Indore, Madhya Pradesh-452018, India -----
 6)Dr. Mahavir Chhajed
 Address of Applicant :Professor and Principal, Vidyasagar College of Pharmacy, Indore, Madhya Pradesh-452016, India -----
 7)Dr. Sumeet Dwivedi
 Address of Applicant :Associate Professor, Acrepolis Institute of Pharmaceutical Education & Research, Indore-453771, Madhya Pradesh, India -----

(57) Abstract :
 The present invention provides a topical formulation of *Trianthema portulacastrum* Linn. and *Leonotis nepetifolia* (L.), comprising of hydro-alcoholic extracts of *Trianthema portulacastrum* Linn. leaves; hydro-alcoholic extracts *Leonotis nepetifolia* (L.) R.Br. leaves; and pharmaceutically acceptable excipient; wherein the amount of *Trianthema portulacastrum* Linn. leaves extract 0.75ml and *Leonotis nepetifolia* (L.) R.Br. leaves extract 1.0ml. The topical formulation of *Trianthema portulacastrum* Linn. and *Leonotis nepetifolia* (L.), wherein the formulation is cream. The topical formulation of *Trianthema portulacastrum* Linn. and *Leonotis nepetifolia* (L.), wherein the pharmaceutically acceptable excipients are stearic acid, cetyl alcohol, almond oil, glycerol, methyl paraben, triethanolamine and water. The topical formulation, wherein the amount of *Trianthema portulacastrum* Linn. extract ranges from 0.5ml to 1.5ml, *Leonotis nepetifolia* (L.) extract ranges from 0.5ml to 1.5ml, amount of stearic acid ranges from 5ml to 10ml, cetyl alcohol ranges from 5ml to 10ml, almond oil 5ml, glycerol 3ml, methyl paraben 0.02ml, triethanolamine 0.02ml, and water to make 100 ml. The topical formulation has the maximum drug content 96.21%. The process for the preparation of topical formulation comprising of adding hydro-alcoholic extracts of *Trianthema portulacastrum* Linn. and *Leonotis nepetifolia* (L.) in a dish; separately adding stearic acid, cetyl alcohol, almond oil and making it; adding hydro-alcoholic extracts of leaves of *Trianthema portulacastrum* Linn. and *Leonotis nepetifolia* (L.) R.Br. with the glycerol, methyl paraben, triethanolamine and water in another porcelain dish and heating at 70°C; and adding all mixtures with continuous stirring at room temperature and storing in a suitable container. The topical formulation of hydro-alcoholic extracts of *Trianthema portulacastrum* Linn. and *Leonotis nepetifolia* (L.) is useful for the treatment of dermatitis.

No. of Pages : 13 No. of Claims : 7



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The Patent Office Journal No. 25/2023 Dated 23/06/2023

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KANTHSUKH VATI

Authors: Priyanshi Jain*, Yash Rawka*, Dr. Pritesh Palliwal

Indore Institute of Pharmacy, Indore, M.P., India

E-mail address: yashrawka2002@gmail.com , chipriyanshijain2003@gmail.com

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. Oral dispersible vati 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 quickly to yield a level of drug in the oral cavity. Oral dispersible vati is made by direct compression method & formulation was further evaluated on the basis of organoleptic characters and other pharmacopoeia parameters. From above evaluation it can be concluded that the vati 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 soft vatis are usually taken as soothing agents. Vatis are easy to administer. Due to pleasant taste these are placed in mouth for longer time and sucked the drug released over a period of time to have local effect. Vatis are solid preparations that contain one or more




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medicaments, usually in a flavored, sweetened base, that are intended to dissolve or disintegrate quickly in the mouth. They can be prepared by direct compression of API in vati. Development of vati was done dates back to 20th century and is still in commercial production. Most of the vatis preparations are available as over the counter medications. Vatis provides a palatable means of dosage form administration and enjoys its position in pharmaceutical market owing to its several advantages.

Compressed Vati:- Commercially, the preparation of Vatis by tablet compression is less important than hard- candy manufacturing techniques. Essentially, Vatis tablets differ from convention tablets only in their organoleptic and non disintegrating property and slower dissolution rate..

Advantages:

- It is easy to administer to both pediatric and geriatric patients.
- It has a pleasant taste and will extend the time a quality of drug remains in the oral cavity to elicit local activity.
- Keeping the drug in contact with the oral cavity for an extended period of time
- Avoid the first pass metabolism of medicine.
- Do not require water for intake.

Disadvantages:

- It could be mistakenly used as candy by children.
- Heat unstable drugs are suitable.
- Parents should be cautioned not to associate medication with candy and to keep the product out of the reach of children.

METHODOLOGY

Procurement of Plant Material:

All the raw material was procured from local market of crude herbs in Indore. Identification of plant material was done by botanist of local market and the specimens of plant material are deposited at institutional laboratory. Saccharum officinarum L is used as base for the vatis was procured from local market.





Processing of Plant Material:

The material was cleaned and thoroughly dried in oven at temperature not exceeding 60°C. All the plant material were powdered individually using simple mixer blender available in lab and sieve it through sieve no. 14 and then stored in airtight container away from light till further use.

Instruments:

For quality assessment of formulation different instruments used that is available in central instrumentation room of institute. Direct compression machine was used for the preparation of vatis present in institute.

Formulation:

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

Kanthsukh Vati were prepared using jaggery as base. The technique used was "Dry Granulation". All powdered material were weighed (Table 1) and mixed homogeneously. Weighed quantity of jaggery was melt & Keep it for cool at low temperature, slug was formed. Slug was crushed and Powder mixture was added to it. Once mixture was thoroughly mixed was added to it with continuous stirring. The mixture was poured into hopper and vatis were formed by tablet punching machine. The prepared vati's were evaluated for different pharmacopoeia parameters and packed in packing material and label.





Table 1: Formula for Herbal Vatis

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 vatis samples were determine using vernier caliper and observations are as in the Table: 2, for an average dimension indicating uniformity in the size of vatis.

Uniformity of Weight:-

Twenty vatis were randomly sampled and weighted individually on high precision balance. Average weight as well as %deviation for weight for the twenty vatis was determined.

Hardness Test:-

The hardness testing was done by using Monsanto hardness tester for sampled vatis and average hardness was determined and the result were indicated as kg /sq cm.

Friability:-

It is determined with a friability test apparatus of veto, Indore, India. Twenty Vatis were collected at random and weighted on a precision balance, Vatis were placed into drums of the apparatus which is then set for 100 revolution. After the test the Vatis were deducted and weighted again. The % friability was calculated using following formula

$$\% \text{friability} = \frac{\text{initial weight} - \text{final weight}}{\text{initial weight}} * 100$$




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Disintegration Time:-

Disintegrating test of the prepare Vatis was performed according to monographic procedure given in USP 34, using a disintegration tester in phosphate Buffer (PH = 6.2) maintained at 37 \pm 0.5 degree calcius as disintegration medium. Six Vatis were placed in the cylindrical disappearance of Vatis or its particles from the tester net were recorded as disintegration time.

Determination of Ash Values:-

The total ash method is designed to measure the total amount of material remaining after ignition. This includes both "physiological ash" which is derived from the plant tissue itself, and "non-physiological" ash, which is the residue of the extraneous matter (e.g. sand and soil) adhering to the plant surface.

Determination of Moisture Content:-

This test is used to determine the water content of a material by drying a sample to constant mass at a specified temperature. To determine the moisture content of the formulation the weighted amount of formulation were processed in hot air oven at 120 degrees centigrade till constant weight obtained and the percent moisture content was calculated.

RESULT AND DISCUSSION

The prepared cough Vatis "kanthsuk vati" was a polyherbal cough relieving formulation containing *Jaggery (Saccharum officinarum L.)*, *Turmeric (Curcuma)*, *Clove (Syzygium aromaticum)*, *Ajwain (Trachyspermum ammi)*, *Black pepper (Piper nigrum)*, *Ginger (Zingiber officinale)*, *Liquorice (Glycyrrhiza glabra)*, *Peppermint (Mentha)*. All of these components are well known for their pharmacological action such as :-

Jaggery (Saccharum officinarum L.):-

Jaggery is the best immune-boosting food. It is loaded with vitamins, minerals, and antioxidant. It detoxifies the body by cleansing the lungs. It treats cough and cold & reduces irritation. It also heaving anti-allergic properties.





Turmeric (Curcuma):-

Turmeric contains the highest concentration of curcumin of any plant species. It has ability to boost the absorption, and best for cure cough & cold and relive irritation. It helps to promote immune activity around joints and muscle.

Clove (Svzygium aromaticum):-

Clove oil acts as an expectorant for treating respiratory disorders, including colds, bronchitis, and cough, asthma, and upper- respiratory conditions. It help in the case of chronic coughs and is mentioned to be specifically useful in the case of shortness of breath.

Ajwain (Trachyspermum ammi):-

Thymol in ajwain is packed with anti-inflammatory, anti-bacterial and anti-fungal properties that help in providing instant relief from cold, fever, and flue. It helps in clearing nasal blockage by discharging the mucus. It also treats oral problems, maintains cholesterol levels, relief from arthritis, and relieves acidity and other medicinal properties.

Black pepper (Piper nigrum):-

Black pepper has expectorant and suppressant properties that help to reduce symptoms associated with cough and cold. It is replete with antibacterial and anti-inflammatory properties, which help keep infections at bay and also provide relief from the discomfort. It is also enriched with vitamin-C, which naturally boosts the immunity and work as an excellent antibiotic.

Ginger (Zingiber officinale):-

Ginger powder (sonth) is enriched with anti-inflammatory properties that help to treat cough and cold and improve digestion. In fact, it is treated as expectorant natural medicine to prevent common cold. Moreover, the antibacterial properties in it also help in prevent infections in the body.

Liquorice (Glycyrrhiza glabra):-

Liquorice is also known as mulathi that contains glycyrrhizin and heaving sweetening taste, it is a primary active ingredient. It decreases swelling, decrease





cough and act as an expectorant. It also increases the chemicals in our body that heals ulcer and gives smoothening effect..

Peppermint (Mentha):-

Peppermint is used as natural decongestant and fever-reducer. It contains menthol, and ingredient found in topical rubs that helps relief congestion. Menthol is also used in many cough drops to help soothe sore throats and quite cough. It helps in relieve pain, prevent or reduce vomiting, eliminate mucous and boost blood circulation.


Organoleptic parameter:-

The vati were found to be round shape with smooth texture. The round shape was due to dyes used for preparation. The taste of vati was determined using human volunteer panel of 3 people and was sweet, spicy and refreshing in taste. The sweet taste could be attributed to the use of jaggary as base and masking agent and spicy & refreshing due to other ingredients. The odour of prepared vatis was aromatic and agreeable and can be attributed to the presence of clove. The colour of vati was greenish-brown due to base ingredient jaggary and crude drugs which were dark coloured.

Uniformity of weight:-

Average weight for twenty vati was found to be 0.255 gm. The no. of Vatis deviating from the average weight were within limit of 5% specified in the monograph. The uniformity in weight can be correlated with uniformity in dosing.




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Tablet	Initial Wt. (g)	Wt. Diff.	Tablet	Initial Wt. (g)	Wt. Diff.
1	0.2	0	11	0.2	0
2	0.3	0	12	0.3	0
3	0.3	0	13	0.3	0
4	0.4	-0.1	14	0.3	0
5	0.3	0	15	0.2	0
6	0.2	0	16	0.3	0
7	0.2	0	17	0.3	0
8	0.1	+0.1	18	0.2	0
9	0.2	0	19	0.2	0
10	0.3	0	20	0.3	0

wt. variation = $\pm 0.1g$

Hardness :-

The hardness determination is one of the required parameters in quality assessment for vati. The transport and handling may cause chipping of the Vatis. Hence to determine the ability of the formulation to prevent fracturing, hardness testing was performed using Pfizer Hardness Tester. The average hardness of twenty vatis was found to be 3-3.5 Kg/cm².

Friability:-

The additional test to confirm the impact resistance of the formulation, friability testing was performed on the twenty vatis. The percent loss in weight estimated was found to be 0% which indicates that the formulation passes the test as the limits specified in the pharmacopoeia indicates that the value should be not more than 1.0%.

Determination of Moisture Content:-

This test is used to determine the water content of a material by drying a sample to constant mass at a specified temperature. To determine the moisture content of the formulation the weighted amount of formulation were processed in hot air oven at 120 degrees centigrade till constant weight obtained and the percent moisture content was



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8



Determination of Ash Values:-

The total ash method is designed to measure the total amount of material remaining after ignition. This includes both "physiological ash" which is derived from the plant tissue itself, and "non-physiological" ash, which is the residue of the extraneous matter (e.g. sand and soil) adhering to the plant surface.

Total Ash (%w/w)	
Water Soluble Ash	
Acid Insoluble Ash	

Disintegration Time:-

Ideally this test is not official for the formulation expected to be dissolved slowly in the mouth and hence the limits are not specific. Still the test was performed to find whether the vatis dissolves in mouth and in how much time it takes to dissolve completely so that the faster and localized onset of action can be observed. The test was performed as per the procedure given in the monograph for the uncoated tablets. The medium used was phosphate buffer pH 6.2 to stimulate the pH of oral fluid. Sampled six vatis revealed average disintegration time of 0.66 min. \pm 0.5 min.

CONCLUSION

From the above discussion we can conclude that the vati's can be prepared by using household ingredients such as Saccharum officinarum L., Curcuma, Syzygium aromaticum, Piper nigrum, Glycyrrhiza glabra, etc and jaggery as a base very easily it can be prepared and consumed. It can be used to treat minor throat infection at initial stage of infection.

REFERENCES

- Kokate CK, Purohit AP and Gokhale SB: Pharmacognosy, Nirali Prakashan 2008; 42: 1.4-1.16.
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- Yadav S, Galib and Prajapati PK: Pharmaceutical standardization of herbal Vatis vasa candy. Ayurpharm International Journal of Ayurvedic Allied Science 2014; 3(2): 22-27.





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Register - Under UGC 2(F)

Approval no.:

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

Idea Registration Form

Project title: / Product.

KANTHSUKH VATI

Student details:

S. No.	Enrollment no.	Student name	Contact no.	Signature
1.	0845PY2011078	YASH RAJWA	6365817175	
2.	0845PY211078	Priyanshi Jain	7489090243	

Project Description:

Development of oral dosage form (Vati) for the treatment of Heroin infection. Our aim is to use natural additives and sugar free, no additive colours and preservatives.

Guide
(Dr. Pritesh Patel)

HOD
(Dr. Nadeem Farooqui)

Allocated a working space in incubation center

Principal



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Requirement Form

Product Name : KANTASUKH VATI.

Requirements:

S. NO.	Item name	Qty. required	Price/unit cost.	Total	Remarks
1.	Liquorice	500 g.	875	875	
2.	Black Pepper	250 g.	225	225	
3.	Garlic powder	500 g.	400	400	
4.	Ajwain	1/2 Kg.	980	980	
5.	clove	93.	120	120	
6.	Timoniac	1/2 Kg.	450	450	
7.	Jaggery	1 Kg.	80	80	
				3130 ₹	

(Attach quotation for all the items)

Dr. Pritesh Puri
Guide
11/10/2022

HOD (Dr. Nadeem Farooqui)
11/10/2022

Principal



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Indore Institute of Pharmacy

Comprehensive Synopsis

Title - Preparation of Herbal Hand Sanitizer.

Contents-

- Introduction
- Objective of the Project
- Scope of the Project
- Materials Required
- Working Methodology
- Evaluation Parameters
- Result
- Conclusion

Made by: Tanmay Sharma, Om Mahajan, Rizwan Ahmad (B.Pharm 6th Sem)

Project Guide: Mrs. Nayany Sharma



- Introduction




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Corona virus is a respiratory virus which causes infectious Covid-19 disease and globally the virus continues to pose major risks of mortality. Rapid research is in progress to identify prolific drugs and vaccine for Covid-19 however, it is a time-consuming process. Social distancing and Sanitizers are helpful in combating viruses and safeguarding the human health. Hand sanitizers are prolific when hands washing with soaps are not possible. Sanitizers are effective antibacterial agents and classified into two types as alcohol based and alcohol free. Among which alcohol-based sanitizers are prospective in persuading the public needs.

• Objective of the Project

The COVID-19 pandemic has called for the increased use of hand sanitizers worldwide in public facilities, transportation, hospitals, nursing homes, and even common households to mitigate the virus burden. Active ingredients such as ethyl alcohol used to manufacture sanitizers are recommended for use against COVID-19 viruses by The United States Food and Drug Administration (FDA) which claims to be effective against the SARS CoV-2 virus.

• Scope of the Project

The global hand sanitizer market size was valued at USD 6.02 billion in 2021 and is expected to expand at a compound annual growth rate (CAGR) of 6.8% from 2022 to 2030. Rising global awareness regarding sanitation and personal hygiene is expected to drive the demand for hand sanitizer as it is an antiseptic solution, which is used as an alternative to soap and water. Moreover, it helps in preventing some of the most infectious diseases, including COVID-19, influenza etc.

• Ingredients Required

Ingredients	Composition
Distilled Water	16%
Isopropyl Alcohol	48%
Neem Extract	20%
Aloe Extract	8%
Glycerol	4%





Carbopol	1%
Citronella Oil	3%

• Working Methodology

1. A beaker was filled with the required amount of freshly prepared deionized water. Distillation equipment was used to perform deionization.
2. To prevent the volatile alcohol from evaporating, a petri plate was placed on a beaker containing the necessary amount of 70% isopropyl alcohol.
3. Neem powder that was used in the requisite quantity was macerated in alcohol to create a neem extract.
4. Fresh gel from the aloe leaves was scraped out to create an aloe vera extract. To release the yellow toxin produced by the leaves, the leaves were submerged in a beaker of water. The gel was then combined in a mixer to create the desired consistency of gel.
5. Enough glycerol was taken using a pipette.
6. The needed amount of citronella oil was added.
After combining the ingredients in a beaker, the mixture was transferred to an Erlenmeyer flask.
7. To increase the solution's viscosity, Carbopol 934, a synthetic thickening agent, was added to the flask. To improve solubility, the solution was sonicated in an ultrasonicator.
8. The sanitizer was successfully prepared.
9. Proper labelling was done, and the sanitizer was packed in a suitable container.

• Evaluation Parameters

1. pH:

When the prepared product's PH was tested, the formed product's PH was discovered to be 5.5, which is an ideal result.




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- **Result:**

- **Conclusion:**




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• References:

- 1) Production of cheap herbal sanitizer with herbal ingredients. A Chakraborty et al.
- 2) Role of plant based herbal sanitizers during the recent outbreak of coronavirus disease (Covid-19). RB Malabadi et al.
- 3) A need to combat COVID-19, herbal disinfection techniques, formulations and preparations of human health friendly hand sanitizers. HA Alghamdi
- 4) <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC8257430/>
- 5) <https://crimsonpublishers.com/sbb/fulltext/SBB.000605.php>




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Register - Under UGC 21F

Approval no.: ..

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

Idea Registration Form

Project title:

Preparation of Herbal Hand Sanitizer.

Student details:

S. No.	Enrollment no.	Student name	Contact no.	Signature
1.	084544201057	Om Mahajan	6261672673	<i>Om Mahajan</i>
2.	084544201058	Sanjay Sharma	6303592311	<i>Sanjay Sharma</i>

Project Description:

The herbal hand sanitizer makes sure that your hands remain soft and also give germ free skin.

The herbal hand sanitizer has fungicidal and anti-microbial property, which helps keep viruses, bacteria and fungus at bay. Safe for kids & cause zero side effects & also kind for Marine Animal.

forwarded to principal sir for consideration

Allocated working space in incubation center

Ms. Nayan Sharma
Guide 7/11/22

Ms. Nayan Sharma

Dr. Nadeem Farooq
07/11/22
HOD

(Dr. Nadeem Farooq)

Dr. Nadeem Farooq
Principal



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



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

Requirement Form

Requirements:

S. NO.	Item name	Qty. required	Price	Total	Remarks
1.	Distilled water	1 lb	₹ 100	100	
2.	Isobutyl Alcohol	500 ml	₹ 345	345	
3.	Nelson Powder	100 g	₹ 125	125	
4.	Aloe Vera	100 g	₹ 120	120	
5.	Citronella oil	10 ml	₹ 20	+ 20	
				710	

(Attach quotation for all the items)

Ms. Nayy
Date 27/11/22

Ms. Nayy Sharma

HOD
Date 02/11/22

(Dr. Madan Kumar)

Principal



Principal
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**Indore Institute of
Pharmacy**

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“ COMPREHENSIVE SYNOPSIS ”

“ AYYURAM ”

Herbal alternative for stored grains

Concept: Sachchidanand kushwah [8 sem]

Guided by: Mrs Nayany sharma

Contents:

- Introduction
- Project Objective
- Scope
- Material required
- Evaluation
- Result
- Conclusion




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**Indore Institute of
Pharmacy**

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Register - Under UGC 2(F)

Introduction:-

- ❖ Grain protection gained economic importance from various insect-pest infestations during storage. Integrated pest management is one of the widely adopted pests control strategies that involves various contact and residual insecticides in addition to the fumigants.
- ❖ Today's major concerns are residue problem and health risks to the consumers that forced synthetic pyrethroids either banned or restricted use.
- ❖ To the most of currently available fumigants and synthetic chemicals pests have developed resistance.
- ❖ Such constraints paved a way to use need based plant derived products as alternatives to current chemical pesticides.
- ❖ Plant-derived products to possess great insecticidal potential. Moreover, the biosafety studies of various plant based insecticides should be carried out to ascertain their toxic effects on human, animals and agricultural crops.
- ❖ This includes various aspects like storage losses by insect pests, side effects of pesticides as grain protectants as well as their harmful effects on human health which are fatal.
- ❖ Plant products as alternative to synthetic compounds, classification of plant based compounds, powder and oil formulations as grain protectants are very much useful and have great impact on protection to the stored grains and prevent storage losses.




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Project objective:-

To provide a herbal and non hazardous substitute for protection of stored grain.

Scope:-

- An improved herbal insecticidal composition for controlling insect pests comprising a synergistically effective combination of essential oils either singly or in combination, extract of Neem powder (dust), extract of Cinnamon Bark, odour enhancer singly or in combination as clove oil, a binding material and a base material.
- In addition, a method of protecting stored products comprises dispersing, spraying, spreading and setting an effective amount of combination of the ingredients selected from the groups given below to control of storage pests.
- The composition can also be used to repel several household pests.
- This helps to prevent storage losses caused due to pest and insect.
- As all the ingredients are natural thus they are non hazardous to health as compared to other chemically synthesized products available in market.



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Material:

Neem powder	50 gm
Cinnamon powder	50 gm
Bay leaves	10 gm
Garlic peels	25 gm
Clove oil	10 ml
Ash	20 gm

Working methodology:-

- All these ingredients have active compound that have insecticidal and pesticidal properties and can be act as insect and pest repellers.
- Neem powder has Azadirachtin which is major ingredient and it is anti microbial ,anti oxidant, anti mutagenic. Which kills the pests, mites and insects that causes harm to the grains and destory its efficacy.
- Neem has been always proven a good insecticide and is used widely as whole or as in powder or oil form.
- Cinnamon acts on pests mainly as a repellent, although in higher doses it has a biocidal effect and prevents egg-laying. Cinnamon and its compounds effectively hinder bacterial and fungal growth, and the phytotoxic effects of cinnamon make it a possible herbicide.




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- Cinnamaldehyde is active ingredient of cinnaamon which is a essential oil present in bark displays antibacterial anti viral anti fungal properties. It inhibits certain bacterial growth that causes disesas. It also exhibit anti tyrosinase activity.
- Clove oil is volatile oil and essential oil which has eugenol {89%}, {5 -15%} Eugenol acetate and beta – cariofileno as active ingredient which as anti oxidant and act as insect repellent.
- Garlic peels has mannitol, sorbitol, rhamnase, and trehalose as well as modified amino acids. Garlic act as repellents and repels insects and is known to be rapidly degrade in the environment. It has insecticidal, pesticidal and pest replent activity .

Evaluation:-

- ❖ Hardness test: Passed the hardness test.
- ❖ Friability test: Passed the friability test.
- ❖ Test for Repellance: 3 tablets were used in 1 kg of wheat which were affected by pests and insects .
- ❖ After 2-3 hrs all the pests and insects were found dead.


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Results:-

The tablet was found to be very effective as insecticial and pesticid





Conclusion:-

These herbal substitute were found to be very beneficial in protection of stored grains as compared to the chemically synthesized insecticides.

These are non hazardous to the grain as well as for human if they consumed it by mistake.

The tablets are natural and are very effective in controlling pest and insects and save storage loses.

References:-s

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2. <https://winrock.org> [review article]
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4. Stoll G. 1988 Natural plant protection in the Tropics. Margraff Publishers pp 4-17
5. Shadia E.A.2011 . Control strategies of storedc product pests. Journal of entomolgy 8 ,101-102
6. Egyptian Journal of Biological Pest control,25(2),2015,507-512.




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Approval no.:

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

Idea Registration Form

Project title:

Herbal Tablet for stored grain protection.

Student details:

S. No.	Enrollment no.	Student name	Contact no.	Signature
01.	0845PY191074	Sachchidanand	7974723062	<i>Sachin</i>

Project Description:

Herbal Tablets as a alternate for 'cellphos' and 'Parag' Tablet. Made from Natural extract. Beneficial for health and non-hazardous.

Recommended to principal Sir for contribution

Allocated working space in incubation center

Guide
Nayy 15/12/22
 Nayy Sharma

HOD
Nayy 15/12/22
 (Dr. Madan Sarangi)

Principal
Dr

Principal
 Indore Institute of Pharmacy,
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Requirement Form

Requirements: (50 Tablet)

S. NO.	Item name	Qty. required	Price	Total	Remarks
1.	Neem extract	50gms	100 RS	100 RS	
2.	Laung./L.Oil	25 gm	30 RS	30 RS	
3.	Cashu extract	50 gm	250 RS	250 RS	
4.	Cinnamon	15 gm	210 RS	210 RS	
5.	bay leaves	30 gm	55 RS	55 RS	
				<u>645</u>	

(Attach quotation for all the items)

Guide
Nayab
15/12/22
Nayab Sharma

HOD
Rajiv
15/12/22

Principal

(Dr. Madan - Farooq)

Approved
to purchase for
for consideration.



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Indore Institute of Pharmacy,
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**Grandeur of Nature- Formulation & Evaluation of
Cosmetic Poly-herbal Face Pack**

Aayushi Arora, Bhagyashree Yadav, Garima Vyas,
Dr. Pritesh Paliwal, Dr. Dinesh Kumar Mishra

Introduction

Herbal cosmetics are the products which enhance the appearance, improve the quality of skin and all bodily related factor such as skin appearance, fragrance etc. Nowadays Herbal cosmetics are being accepted worldwide. The growth rate of herbal cosmetics in India is about 20-25 % per year. Herbal cosmetics are the formulations of various herbal extracts combined with different herbal excipients according to the need of product that we must formulate. It is the combination of Herbs knowledge and experience of modern cosmetic technologies leads to make the herbal product. Herbals are widely accepted nowadays because they have negligible or minimum side effects over other cosmetic preparations.

Recently the demand for herbal cosmetics has increased drastically because of their mild action, non-toxicity in nature and quite effective as same as other semi-synthetic and allopathic formulations. The study of functions and efficacy of plant derived ingredients for using them in herbal cosmetics is the new branch of science which has developed and knowing as "cosmetics phytognosy" which is dealing with biological and physiochemical properties of plant origin material which are used in herbal cosmetics are as follows:


1. Dried material
2. Fresh Material
3. Acellular products
4. Processed extracts
5. Pure isolated compounds

Herbal cosmetics are majorly classified in 3 categories-

1. Skin Care
2. Hair Care
3. Others

Herbal face pack comes under skin care. Skin constantly comes under explosion with microbes dust dirt radiations chemicals toxins etc. Hence to protect skin from this things people use many cosmetics as to restore the real skin for its cleaning for soothing and for preventing tanning scars wrinkles and many other skin related issues many herbal products are available in market which easily impart good results as they are of plant origin product. Herbal face pack is one of them which rejuvenate muscles or maintain elasticity of skin and improves blood circulation. The face pack gives vital nourishment to the skin. The face pack can be available




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in 2 ways in powder form or in thick paste form. But all the categories of face pack must supply the nutrients to the skin deep down the subcutaneous tissue to supply the required nutrients to the skin. Various face pack can be used according to the skin type oily skin dry skin mixed type skin.

GRANDEUR OF NATURE-

Grandeur of Nature is an organic soil based face pack suits all skin types incorporated with natural ingredients holding different properties. The objective of this work is to formulate a poly herbal cosmetic face pack comprising of natural soils i.e. Black Soil, Red Soil and Fuller's Earth. Other excipients include Kaolin, Rose Oil, Liquorice, Tragacanth and Acacia. For a better shelf life, 1% Sodium Benzoate is added. To manage the consistency of the face pack Glycerin, Aloe Vera gel and Distilled water is added in required quantity.

➤ Materials Required- for every 1 Kg

Ingredient	Quantity
1. Black Soil	100 gm
2. Red Soil	100 gm
3. Fuller's Earth	100 gm
4. Kaolin	100 gm
5. Rose Oil	30 ml
6. Liquorice	60 gm
7. Tragacanth	100 gm
8. Acacia	50 gm
9. Sodium Benzoate	1%
10. Glycerin	qs
11. Aloe Vera Gel	qs
12. Distilled Water	qs

➤ Why use this product?

This face pack is not only ideal for all kinds of skin types but it also deep cleanses the skin, removes dead skin cells and allows for fresh skin to skin surface. Grandeur of Nature face pack is blended using a mixture of naturally occurring mineral based clays into the goodness of Rose oil, Aloe Vera & Glycerin with additional herbal ingredient like Liquorice.

Every excipient in this formulation has its own property.

- Red Soil- Promotes cell regeneration
- Black Soil- Reduces body heat
- Fuller's Earth- Provides glow to the skin
- Kaolin- Reduces extra oil from the skin
- Liquorice- Reduces Skin Pigmentation
- Rose Oil- Used as an anti-oxidant & flavouring agent




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- Tragacanth- Used as an emollient and has anti-wrinkle property
- Acacia- Improves texture of the skin
- Aloe Vera- Gel used as an Anti-Microbial Agent
- Glycerin- Gives moisturizing effect to the skin

➤ EVALUATION TESTS-

To evaluate the face pack various evaluation tests were performed on the prepared formulation-

1. Organoleptic Evaluation- Color, Texture and Smell
2. Irritation Test- Redness, Irritation, and Swelling
3. Spreadability Test
4. Washability Test
5. pH
6. Moisture Retention
7. Viscosity
8. Stability Testing
9. Microbial Load
10. Dry Soil Testing
 - a. Angle of Repose
 - b. Density

➤ RESULTS-

Characteristics	Result										
1. Color	Brown										
2. Smell	Rose Fragrance										
3. Texture	Gritty										
4. Redness	Not found										
5. Irritation	Not found										
6. Swelling	Not found										
7. Spreadability	Easily Spreadable										
8. Washability	Easily Washable										
9. pH	8.45										
10. Ash Value	91.5										
11. Angle of Repose	<table border="1"> <thead> <tr> <th></th> <th>Black Soil</th> <th>Red Soil</th> <th>Multani</th> </tr> </thead> <tbody> <tr> <td></td> <td>0.012</td> <td>0.010</td> <td>0.014</td> </tr> </tbody> </table>		Black Soil	Red Soil	Multani		0.012	0.010	0.014		
	Black Soil	Red Soil	Multani								
	0.012	0.010	0.014								
12. Density	<table border="1"> <thead> <tr> <th></th> <th>Bulk</th> <th>50</th> <th>50</th> <th>50</th> </tr> </thead> <tbody> <tr> <td></td> <td>Tapped</td> <td>40</td> <td>42</td> <td>38</td> </tr> </tbody> </table>		Bulk	50	50	50		Tapped	40	42	38
	Bulk	50	50	50							
	Tapped	40	42	38							



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



Indore Institute of Pharmacy

Affiliated to - BOPV(Bhopal) | Approved by - AICTE(New Delhi) & PCI(New Delhi)
 Register - Under UGC 2(F)

Approval no.:

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

Idea Registration Form

Project title:

grandeur of Nature - Formulation and evaluation of cosmetic poly-herbal face pack

Student details:

S. No.	Enrollment no.	Student name	Contact no.	Signature
1.	Aayushi Anora	0845PY191002	8109018397	<i>Aayushi</i>
2.	Garima Vyas	0845PY191	8982278355	
3.	Bhagyashree Yadav	0845PY191	9481831807	

Project Description:

We would like to prepare a poly herbal face pack containing Red soil, Black soil & Fuller's Earth in combination with herbal extracts and other excipients.

Forwarded to principal sir for consideration

Allocated working space in incubation center

Dr. Bitesh Lalwani
Guide

Dr. Pooja
HOD

Principal

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





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Requirement Form

Requirements: For 1 kg

S. NO.	Item name	Qty. required	Price	Total	Remarks
1.	Black soil	100 gm			
2.	Red soil	100 gm			
3.	Filler's earth	100 gm			
4.	Kaolin	100 gm			
5.	Rose Oil	15 ml			
6.	Liquorice	50 gm			
7.	Tragacanth	100 gm			
8.	Celestine	9.5.			
9.	Alce vera gel	9.5.			
10.	Acacia	50 gm			
11.	Sodium benzoate	1%			
12.	Water	9.5.			

(Attach quotation for all the items)

P. Lal
Dr. Pritesh Lalwani
Guide

P. Lal
HOD

P. Lal
Principal

Forwarded to
Principal Sir
for consideration



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