D.T.E. Code - 3487



Department Level File

File Number and Name	Inst. Acronym/EE/2021-22/021: Add-on- Course
	1. Add on Courses Report PMC
	2. Add on Courses Report IPR
Contents	3. Add on Courses Report Nutritional Requirement
	4. Add on Courses Report Extraction Herbal
	5. Add on Courses Report Preclinical Issue

A Unit Of Ideal Foundation

At Village - Posheri, Taluka- Wada, District- Palghar, Maharashtra

Contact: +91-7678002000, E-mail: idealpharmacy3487@gmail.com , website: http://ldealpharmacyayada.com

Principal Igeal Institute of Pharmacy Wada, Palghar

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A Report of

Add on Course

On

"Pharmaceutical Marketing -A Challenge" (AOC-DEP-PHA-PSM)

September 1, 2021 to October 18, 2021

Coordinated by

Mr. Rajiv Kumar

Organized by



Department of B. Pharmacy

IDEAL College of Pharmacy

State- Maharashtra, (India)



Contents

- 1. Add on Course Brochure
- 2. About the Course
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- 4. Enrolled Students List
- 5. Attendance sheets of enrolled students
- 6. Certificates of eligible students
- 7. Student feedback for course
- 8. Course Session Photos



1. Add on Course Brochure



Affiliated by the Mumbai University & Approved by AICTE New Delhi, DTE Maharastra.

About the College

The Ideal College of Pharmacy & Research is one amongst the many successful ventures of Ideal College which has a reputation for pioneering in pursuit of academic excellence. The pharmaceutical industry is one of the fastest growing sectors with India becoming a destination for pharmaceutical and clinical trials. A career in the field of pharmaceutical sciences therefore holds for promise tremendous opportunities globally. The state-of-the-art infrastructure and instructional facilities of the College includes wellequipped laboratories, voluminous library, spacious lecture halls, playground, etc., all this makes the College a conducive place for learning that provides students with quality education in clean and comfortable environment.

Add-on



About the Course

Pharmaceutical marketing refers to the offline and digital strategies used to attract new patients and raise awareness around a certain drug or treatment plan. Pharmaceutical marketing can either be geared towards physicians or towards selling directly to consumers. The pharmaceutical companies are responsible for designing, discovering, and developing drugs used to treat, prevent, diagnose or cure diseases and other medical issues. However, with strong competition, increasingly complex regulations and consumer attrition, pharma companies are going all out to get their products in front of healthcare professionals and patients alike.



Ideal College of Pharmacy Department of B. Pharmacy Notice

Date: 17/08/2021

It is notified for all the students of the Second Year that the Department is going to organize Add-on Course on (AOC-DEP-PHA-PMAC) "Pharmaceutical Marketing – A Challenge", for 3th Semester students for their benefits in the near future. The duration of the course will be off 30 contact hours which will be covered in 2 months.

Interested bonafide students are advised to register themselves. **The last date of registration is 27-08-2021**. If any Query regarding add on course contact to Mr. Rajiv Kumar.

Note:

- 1. The course is free of cost.
- 2. Minimum 70% attendance is mandatory.
- 3. The successful candidates will be issued certificates by the college.

Dr. Dileep Kumar BharatiHOD (Pharmacy)



2. About the Course

Course Name: Pharmaceutical Sales and Marketing (AOC-DEP-PHA-PSM)

Course Summary: Pharmaceutical marketing refers to the offline and digital strategies used to attract new patients and raise awareness around a certain drug or treatment plan. Pharmaceutical marketing can either be geared towards physicians or towards selling directly to consumers. The pharmaceutical companies are responsible for designing, discovering, and developing drugs used to treat, prevent, diagnose or cure diseases and other medical issues. However, with strong competition, increasingly complex regulations and consumer attrition, pharma companies are going all out to get their products in front of healthcare professionals and patients alike. And that's the reason why the role of pharmaceutical sales and pharmaceutical marketing in the industry has become progressively more and more critical, so much that pharma sales marketers and representatives now get huge budgets than R & D.

Enrollment Criteria:

- 1. Participants must be interested and engineering student (II Year Only)
- 2. Must provide the NOC if from other department.

Course Outcomes:

To explain the concept of product management in pharmaceutical industry

To understand the various components of promotion of pharmaceutical products

To elaborate the role and responsibility of professional sales representative

To identify the roles and responsibilities of pricing authorities in India

To demonstrate the emerging concepts of marketing

Course Outcomes & Program Outcomes Mapping:

	РО	PO1	PO1	PO1	PSO	PSO	PSO								
	1	2	3	4	5	6	7	8	9	0	1	2	1	2	3
CO1	3			3				3					3		3
CO2	3		3	3				3		3					
CO3			3							3					3
CO4			3							3			3		
CO5															
Targe t	3		3	3				3		3			3		3

Certification Criteria: Minimum 50% marks in Certification Exam and 70% attendance

Course Prerequisite:

Describe the concept of pharmaceutical marketing.

Demonstrate different pharmaceutical marketing channels

Principal

ipeal Instituto of Pharmacy

Warda Palghar

Understand the role of market research

Course Outline:

Module	Contents	Hours
1	General Overview:	6
2	Pharmaceutical market:	6
3	Product decision	6
4	Promotion	6
5	Pricing	6

REFERENCE:

- 1. Lidstone, J., & MacLennan, J. (2017). Marketing planning for the pharmaceutical industry. Routledge.
- 2. Arora, U., & Taneja, G. (2006). An analytical study of physicians behaviour towards marketing of pharmaceutical products. *Indian Journal of Marketing*, 36(11).
- 3. Attarabeen, O., & Alkhateeb, F. M. (2013). Rollins B, Perri M.: Pharmaceutical Marketing. *American Journal of Pharmaceutical Education*, 77(6).
- 4. Lerer, L., & Piper, M. (2003). *Digital strategies in the pharmaceutical industry*. Basingstoke, UK: Palgrave Macmillan.



2. O Sheet

S.No	Activity	Duration	Day & Date	Time
1.	Definition, general concepts	1 Hour	Sept 01,2021	03:00 to 04:00 PM
2.	marketing & selling	2 Hour	Sept 02,2021	02:00 to 04:00 PM
3	Industry and competitive analysis	2 Hour	Sept 03,2021	02:00 to 04:00 PM
4	Quantitative and qualitative aspects	2 Hour	Sept 04,2021	02:00 to 04:00 PM
5	demographic descriptions	2 Hour	Sept 07,2021	02:00 to 04:00 PM
6	market segmentation	2 Hour	Sept 08,2021	02:00 to 04:00 PM
7	Meaning, Classification, product line	2 Hour	Sept 16,2021	02:00 to 04:00 PM
8	product portfolio analysis	2 Hour	Sept 17,2021	02:00 to 04:00 PM
9	New product decisions	2 Hour	Sept 20,2021	02:00 to 04:00 PM
10	packaging and labeling decisions	2 Hour	Sept 21,2021	02:00 to 04:00 PM
11	determinants of promotional mix	2 Hour	Sept 22,2021	02:00 to 04:00 PM

Report of Add on Course from

S <mark>eptember 0</mark> 1	1, 2021 to October 18, 2021	(AOC-DEP-PHA PMAC)							
12	overview of personal selling	2 Hour	Sept 23,2021	02:00 to 04:00 PM					
13	direct mail, journals, sampling	2 Hour	Sept 24,2021	02:00 to 04:00 PM					
14	objectives, determinants of price	2 Hour	Oct 12, 2021	02:00 to 04:00 PM					
15	pricing methods and strategi	2 Hour	Oct 13, 2021	02:00 to 04:00 PM					
16	price management in pharmaceutical	2 Hour	Oct 14, 2021	02:00 to 04:00 PM					
17	An overview of DPCO	2 Hour	Oct 15, 2021	02:00 to 04:00 PM					
18	Course Quiz	2 Hour	Oct 17, 2021	02:00 to 04:00 PM					



3. Enrolled Students List

S. N.	Reg. No	Name	E-Mail ID
1	PH17100151	ARYAN	rajaryan8977@gmail.com
2	PH17100574	AHER PREETI VILAS	preetiaher2873@gmail.com
3	PH17101038	BABAR RUPESH VASANT	dineshghatal10@gmail.com
4	PH17101043	BHERE NIKITA BALKRUSHNA SUNITA	nbbhere2508@gmail.com
5	PH17101519	BHOIR TANVI GANESH	tanvibhoir2001@gmail.com
6	PH17102990	CHAUHAN PREETI MANGAL	preeti26502@gmail.com
7	PH17103102	CHAURE HRUTUJA DATTATREY	satishchaure177@gmail.com
8	PH17103746	MANISHA CHAVAN	
9	PH17104142	DALVI SIDDHI BHAGWAN	siddhibhagwndalvi2000@gmail.com
10	PH17104677	DESALE POOJA MILIND	poojadesale18@gmail.com
11	PH17105212	DESHMUKH RAHUL RAJIV	deshmukhrahul481@gmail.com
12	PH17107708	DOMB PRACHITI PRAKASH	prachitidomb14@gmail.com
13	PH17108212	FARDE MONIKA CHANDRAKANT	monikachandrakantfarde@gmail.com
14	PH17108333	GAONKAR BHAKTI ANIL (ANITA)	bhaktigaonkar2000@gmail.com
15	PH17108598	GHARAT SAKSHI PRITAM (NEETA)	sakshigharat0710@gmail.com
16	PH17108884	GHARAT DHARAM ATUL	dharamgharat33@gmail.com
17	PH17109186	RITIK RAKESH GUPTA	rakesh9970792305@gmail.com
18	PH17109619	DISHA NILESH JADHAV	dishajadhav771@gmail.com
19	PH17109685	JADHAV HITESH DASHRATH	hiteshjadhav570@gmail.com
20	PH17109860	KOTGYALE AJAY VYANKATRAO	kushwahasadhana1637@gmail.com
21	PH17109988	KUSHWAHA SADHANA MUNNA	kushwahasadhana1637@gmail.com
22	PH17110068	MHATRE AAKANKSHA CHANDRAKANT	omashreemhatre7721@gmail.com
23	PH17110724	MHATRE SHARAYU PRADEEP	mhatresumedh10@gmail.com
24	PH17110805	MISTRY GIRISH FUTERMAL	giru987@gmail.com



Report of Add on Course from September 01, 2021 to October 18, 2021

4. Attendance sheets of Enrolled students

	IDEAL College of Pharmacy Maharashtra																			
	Department of B. Pharmacy																			
	V Sem. Add on Course on: Preclinical Issues																			
s. n.	Reg. No	Name	Attendance																	
			Day 1	Day 2	Day 3	Day 4	Day 5	Day 6	Day 7	Day 8	Day 9	Day 10	Day 11	Day 12	Day 13	Day 14	Day 15	Day 16	Day 17	Day 1
1	PH18100102	ARYAN																		
2	PH18100228	AHER PREETI VILAS																		
3	PH18100550	BABAR RUPESH VASANT																		
4	PH18100582	BHERE NIKITA BALKRUSHNA SUNITA																		
5	PH18101261	BHOIR TANVI GANESH																		
6	PH18101708	CHAUHAN PREETI MANGAL																		
7	PH18102071	CHAURE HRUTUJA DATTATREY																		
8	PH18102584	MANISHA CHAVAN																		
9	PH18102802	DALVI SIDDHI BHAGWAN																		
10	PH18103168	DESALE POOJA MILIND																		
11	PH18104437	DESHMUKH RAHUL RAJIV																		
12	PH18104902	DOMB PRACHITI PRAKASH																		
13	PH18105218	FARDE MONIKA CHANDRAKANT																		
14	PH18105286	GAONKAR BHAKTI ANIL (ANITA)																		
15	PH18105535	GHARAT SAKSHI PRITAM (NEETA)																		
16	PH18106287	GHARAT DHARAM ATUL																		
17	PH18107085	RITIK RAKESH GUPTA																		
18	PH18107528	DISHA NILESH JADHAV																		
19	PH18108194	JADHAV HITESH DASHRATH																		
20	PH18108795	KOTGYALE AJAY VYANKATRAO							1	(s	INSTITUTE									
21	PH18108831	KUSHWAHA SADHANA MUNNA							By Inci	*	16 00 F									
22	PH18108953	MHATRE AAKANKSHA CHANDRAKANT						lgeal Ins	tituto of Pha ada Palgha	rmacy	* YOA MA									
23	PH18109303	MHATRE SHARAYU PRADEEP							material Transfer											
24	PH18109547	MISTRY GIRISH FUTERMAL																		

Report of Add on Course from September 01, 2021 to October 18, 2021

5. Marks of Eligible Candidate

S. N.	Reg. No	Name	Q1(10)	Q2(10)	Q3 (10)	Total (30)
1	PH17100151	ARYAN	8	8	9	25
2	PH17100574	AHER PREETI VILAS	5	9	8	22
3	PH17101038	BABAR RUPESH VASANT	5	5	8	18
4		BHERE NIKITA BALKRUSHNA	4	8	5	
	PH17101043	SUNITA				17
5	PH17101519	BHOIR TANVI GANESH	7	7	5	19
6	PH17102990	CHAUHAN PREETI MANGAL	8	5	2	15
7		CHAURE HRUTUJA	9	5	8	
	PH17103102	DATTATREY				22
8	PH17103746	MANISHA CHAVAN	8	8	9	25
9	PH17104142	DALVI SIDDHI BHAGWAN	5	9	8	22
10	PH17104677	DESALE POOJA MILIND	5	5	8	18
11	PH17105212	DESHMUKH RAHUL RAJIV	4	8	5	17
12	PH17107708	DOMB PRACHITI PRAKASH	7	7	5	19
13		FARDE MONIKA	8	5	2	
	PH17108212	CHANDRAKANT				15
14		GAONKAR BHAKTI ANIL	6	2	4	
	PH17108333	(ANITA)				12
15		GHARAT SAKSHI PRITAM	5	2	7	
	PH17108598	(NEETA)				14
16	PH17108884	GHARAT DHARAM ATUL	8	5	8	21
17	PH17109186	RITIK RAKESH GUPTA	7	8	5	20
18	PH17109619	DISHA NILESH JADHAV	5	7	8	20
19	PH17109685	JADHAV HITESH DASHRATH	6	9	9	24
20		KOTGYALE AJAY	5	6	9	
	PH17109860	VYANKATRAO				20
21		KUSHWAHA SADHANA	4	5	9	
	PH17109988	MUNNA				18
22	DIII/7/1/00/00	MHATRE AAKANKSHA	1	8	9	10
23	PH17110068	CHANDRAKANT	7	7	0	18
23	PH17110724	MHATRE SHARAYU PRADEEP	7		9	23
24	PH17110805	MISTRY GIRISH FUTERMAL	5	9	8	22



6. Certificate:



OF COMPLETION

THE FOLLOWING AWARD IS GIVEN TO

GUPTA AAKASH UMESH

Student of III Semester Registration Number PH17101519 for successfully completing the 35-hour course on Pharmaceutical Sales and Marketing.

Dr. Umesh Latan HOD, (Pharmacy)

Mr. Nitesh Patil



8. Photos





Feedback Analysis:

Feed Back Questions	Excellent (5)	Very Good (4)	Good (3)	Poor (2)	Very Poor (1)
The course as a whole was:					
The course content was:					
The instructor's contribution to the course was:					
The instructor's effectiveness in teaching the subject matter was:					
Course Organization was:					
Explanations by instructor were:					
Instructor's use of examples and illustrations was:					
Student's confidence in instructor's knowledge was:					
Answers to student questions were:					
Availability of extra help when needed was:					
Instructor's interest in student's progress was:					
Relevance of course content was:					
Please give overall rating of the course					

Please comment on the weakness of the course and the way it was conducted.	

Please comment on the strength of the course and the way it was conducted.

Please give suggestions for the improvement of the course.



Optional – Your name and contact address.



Report of Add on Course from September 01, 2021 to October 18, 2021

Pharmaceutical Marketing- A Challenge

	september 01, 2021 to october 10						
Sr.no.	Attributes	>80%		Achieved.		Satisfactory, Be	elow 60%, Need improvement
		Outstanding	Excellent	Good	Average	Satisfactory	Remark
1	The course as a whole was:	31	4	4	1	0	Objective Achieved - Outsatanding &
		77.50	10.00	10.00	2.50	0.00	Excellent (87.5%)
		Outstanding	Excellent	Good	Average	Satisfactory	Remark
2	The course content was:	32	4	2	2	0	Objective Achieved - Outsatanding &
		80.00	10.00	5.00	5.00	0.00	Excellent (90.00%)
		Outstanding	Excellent	Good	Average	Satisfactory	Remark
3	The instructor's contribution to the course was:	30	4	3	2	1	Objective Achieved - Outsatanding
		75.00	10.00	7.50	5.00	2.50	Excellent (85.00%)
	T1	Outstanding	Excellent	Good	Average	Satisfactory	Remark
4	The instructor's effectiveness in teaching the subject matter was:	31	4	3	2	0	Objective Achieved - Outsatanding
		77.50	10.00	7.50	5.00	0.00	Excellent (87.50%)
		Outstanding	Excellent	Good	Average	Satisfactory	Remark
5	Course Organization was:	28	5	3	3	1	Objective Achieved - Outsatanding
		70.00	12.50	7.50	7.50	2.50	Excellent (82.50%)
		Outstanding	Excellent	Good	Average	Satisfactory	Remark
6	Explanations by instructor were:	29	5	4	2	0	Objective Achieved - Outsatanding
		72.50	12.50	10.00	5.00	0.00	Excellent (85.00%)
	Instructor's use of examples and	Outstanding	Excellent	Good	Average	Satisfactory	Remark
7	illustrations was:	28	5	5	2	0	Objective Achieved - Outsatanding
		70.00	12.50	12.50	5.00	0.00	Excellent (82.50%)
	Student's confidence in instructor's	Outstanding	Excellent	Good	Average	Satisfactory	Remark
8	knowledge was:	31	4	4	1	0	Objective Achieved - Outsatanding
		77.50	10.00	10.00	2.50	0.00	Excellent (87.50%)
		Outstanding	Excellent	Good	Average	Satisfactory	Remark
9	Answers to student questions were:	29	6	3	2	0	Objective Achieved - Outsatanding Excellent (87.50%)
		72.50 Outstanding	15.00	7.50	5.00	0.00	8 8
10	Availability of extra help when needed	30	Excellent	Good 3	Average 2	Satisfactory 0	Remark
	was:	75.00	12.50	7.50	5.00	0.00	Objective Achieved - Outsatanding Excellent (87.50%)
		Outstanding	Excellent	Good	Average	Satisfactory	Remark
11	Instructor's interest in student's progress was:	33	2	2	2	1	Objective Achieved - Outsatanding
		82.50	5.00	5.00	5.00	2.50	Excellent (87.50%)
		Outstanding	Excellent	Good	Average	Satisfactory	Remark
12	Relevance of course content was:	30	5	3	2	0	Objective Achieved - Outsatanding
	11/2	75.00	12.50	7.50	5.00	0.00	Excellent (87.50%)
- 22		Outstanding	Excellent	Good	Average	Satisfactory	Remark
13	Please give overall rating of the course	31	4	3	2	0	Objective Achieved - Outsatanding
		77.50	10.00	7.50	5.00	0.00	Excellent (NE 10%)

Overall Remark:- As per the feedback, study should be done by Projector & Exam to be taken online. Overall objective of the course has been achieved by the feedback given by the participants

| Overall Remark:- As per the feedback, study should be done by Projector & Exam to be taken online. Overall objective of the course has been achieved by the feedback given by the participants

A Report of

Add on Course

On

"Intellectual Property Rights" (AOC-DEP-PHA-IPR)

September 1, 2021 to October 18, 2021

Coordinated by

Miss Shweta Patil

Organized by



Department of B. Pharmacy

IDEAL College of Pharmacy

State- Maharashtra, (India)



Contents

- 1. Add on Course Brochure
- 2. About the Course
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- 7. Student feedback for course
- 8. Course Session Photos



1. Add on Course Brochure



Affiliated by the Mumbai University & Approved by AICTE New Delhi, DTE Maharastra.

About the College

The Ideal College of Pharmacy & Research is one amongst the many successful ventures of Ideal College which has a reputation for pioneering in pursuit of academic excellence. The pharmaceutical industry is one of the fastest growing sectors with India becoming a destination for pharmaceutical and clinical trials. A career in the field of pharmaceutical sciences therefore holds for tremendous promise opportunities globally. The state-of-the-art infrastructure and instructional facilities of the College includes wellequipped laboratories, voluminous library, spacious lecture halls, playground, etc., all this makes the College a conducive place for learning that provides students with quality education in clean and comfortable environment.

Add-on



About the Course

Through the courses in this specialization, you will learn the differences between the various forms of U.S. intellectual property rights, including patents, copyrights, and trademarks, and their various applications to human innovations. Drawing from that knowledge, you will then work to develop a trademark strategy for a company, analyze a patent document, and address a copyright cease-and-desist request. After completing these hands-on projects, you will have the necessary framework to craft integrated intellectual property strategies tailored to an organization's core business goals.



Ideal College of Pharmacy Department of B. Pharmacy Notice

Date: 17/08/2021

It is notified for all the students of the Third Year that the Department is going to organize Add-on Course on (AOC-DEP-PHAIPR) "Intellectual Property Rights", for 5th Semester students for their benefits in the near future. The duration of the course will be off 35 contact hours which will be covered in 2 months.

Interested bonafide students are advised to register themselves. **The last date of registration is 27-08-2021**. If any Query regarding add on course contact to Miss Shweta Patil.

Note:

- 1. The course is free of cost.
- 2. Minimum 70% attendance is mandatory.
- 3. The successful candidates will be issued certificates by the college.

Dr. Dileep Kumar BharatiHOD (Pharmacy)



2. About the Course

Course Name: Intellectual Property Rights (AOC-DEP-PHA-LOS)

Course Summary: Intellectual property is the currency of the tech world. The pharmaceutical patent for Lipitor generated over \$100 billion in revenue, the copyright for the Harry Potter franchise has generated over \$25 billion to date, and the trademarked brands of the world's largest tech companies now eclipse \$100 billion in value. But what makes these intangible assets so valuable. Through the courses in this specialization, you will learn the differences between the various forms of U.S. intellectual property rights, including patents, copyrights, and trademarks, and their various applications to human innovations. Drawing from that knowledge, you will then work to develop a trademark strategy for a company, analyze a patent document, and address a copyright cease-and-desist request. After completing these hands-on projects, you will have the necessary framework to craft integrated intellectual property strategies tailored to an organization's core business goals.

Enrollment Criteria:

- 1. Participants must be interested and engineering student (III Year Only)
- 2. Must provide the NOC if from other department.

Course Outcomes:

- a. Identify different types of Intellectual Properties (IPs), the right of ownership, scope of protection as well as the ways to create and to extract value from IP.
- b. Recognize the crucial role of IP in organizations of different industrial sectors for the purposes of product and technology development.
- c. Identify activities and constitute IP infringements and the remedies available to the IP owner and describe the precautious steps to be taken to prevent infringement of proprietary rights in products and technology development.
- d. Be familiar with the processes of Intellectual Property Management (IPM) and various approaches for IPM and conducting IP and IPM auditing and explain how IP can be managed as a strategic resource and suggest IPM strategy.
- e. Be able to anticipate and subject to critical analysis arguments relating to the development and reform of intellectual property right institutions and their likely impact on creativity and innovation.
- f. Be able to demonstrate a capacity to identify, apply and assess ownership rights and marketing protection under intellectual property law as applicable to information, ideas, new products and product marketing;

Course Outcomes & Program Outcomes Mapping:

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
CO1	3	3		3		3		3			3				3
CO2	3		3	3		3		3		3	3		3		
CO3	3		3							3			3		3
CO4	3		3							3			3		
CO5															
Target	3	3	3	3		3		3		3	3		3		3

Certification Criteria: Minimum 50% marks in Certification Exam and 70% attendance

Course Prerequisite:

Understanding, defining and differentiating different types of intellectual properties (IPs) and their

Report of Add on Course from September 01, 2021 to October 18, 2021

Intellectual Property Rights (AOC-DEP-PHA-IPR)

roles in contributing to organizational competitiveness.

- Understanding the Framework of Strategic Management of Intellectual Property (IP).
- Appreciating and appraising different IP management (IPM) approaches and describing how pioneering firms initiate, implement and manage IPM programs,
- Explaining how to derive value from IP and leverage its value in new product and service development
- Exposing to the Legal management of IP and understanding of real life practice of IPM.

Course Duration: 35 Hours

Course Outline:

Module	Contents	Hours
1	Introduction	7
2	Copyrights	7
3	Patents	7
4	Trademarks	7
5	Design Method and Other form of IP	7

References:

- 1. J. C. Gilbert, S. F. Martin, "Experimental Organic Chemistry. A Miniscale and Microscale Approach", Thomson 2006
- 2. A. I. Vogel, A. R. Tatchell, B. S. Furnis, A. J. Hannaford, P. W. G. Smith "Vogel's Textbook of practical organic chemistry", Prentice Hall 1996.
- 3. Solvent-free Organic Synthesis by Koichi Tanaka (Copyright © 2009 WILEY-VCH Verlag GmbH & Co. KGaA, Weinheim, ISBN: 978-3-527-32264-)
- 4. Practical organic chemistry. Cambridge. F. G. Mann. May 1936. B. C. Saunders.



1. O Sheet

S.No	Activity	Duration	Date	Time
1.	Basic concept of Intellectual Proper	1 Hour	Sept 01,2021	03:00 to 04:00 PM
2.	Nature of Intellectual Property right	2 Hour	Sept 02,2021	02:00 to 04:00 PM
3	Justifications for protection of JP	2 Hour	Sept 03,2021	02:00 to 04:00 PM
4	Subject matter. Original literary	2 Hour	Sept 04,2021	02:00 to 04:00 PM
5	Dramatic, musical, artistic work	2 Hour	Sept 07,2021	02:00 to 04:00 PM
6	films, Sound, recordings	2 Hour	Sept 08,2021	02:00 to 04:00 PM
7	Term of copyright, Rights of owner	2 Hour	Sept 16,2021	02:00 to 04:00 PM
8	Patent Act 1970-amendmentsof 1999,2000,2002 and 2005	2 Hour	Sept 17,2021	02:00 to 04:00 PM
9	Patentable subject matter	2 Hour	Sept 20,2021	02:00 to 04:00 PM
10	Pharmaceutical products	2 Hour	Sept 21,2021	02:00 to 04:00 PM
11	Process and patent protection	2 Hour	Sept 22,2021	ncipa 4:00 Move

Report of Add on Course from September 01, 2021 to October 18, 2021

Intellectual Property Rights (AOC-DEP-PHA-IPR)

12	Patenting of Micro-organ ism	2 Hour	Sept 23,2021	02:00 to 04:00 PM
13	Introduction to Trademark Need for, Protection	2 Hour	Sept 24,2021	02:00 to 04:00 PM
14	Registration of trademark	2 Hour	Oct 12, 2021	02:00 to 04:00 PM
15	Meaning design protection	2 Hour	Oct 13, 2021	02:00 to 04:00 PM
16	Concept of original design	2 Hour	Oct 14, 2021	02:00 to 04:00 PM
17	Trade-secret: Meaning. Criteria orProtection	2 Hour	Oct 15, 2021	02:00 to 04:00 PM
18	Plant Variety Protection and fanner's Right	2 Hour	Oct 17, 2021	02:00 to 04:00 PM



Intellectual Property Rights (AOC-DEP-PHA-IPR)

2. Enrolled Students List

S. N.	Reg. No	Name	E-Mail ID
1	PH17142891	ARYAN	sayleethorat88@gmial.com
2	PH17143644	AHER PREETI VILAS	rajaryan8977@gmail.com
3	PH17146391	BABAR RUPESH VASANT	preetiaher2873@gmail.com
4	PH17147228	BHERE NIKITA BALKRUSHNA SUNITA	dineshghatal10@gmail.com
5	PH17153753	BHOIR TANVI GANESH	nbbhere2508@gmail.com
6	PH17159162	CHAUHAN PREETI MANGAL	tanvibhoir2001@gmail.com
7	PH17159748	CHAURE HRUTUJA DATTATREY	preeti26502@gmail.com
8	PH17160042	MANISHA CHAVAN	satishchaure177@gmail.com
9	PH17161144	DALVI SIDDHI BHAGWAN	
10	PH17161274	DESALE POOJA MILIND	siddhibhagwndalvi2000@gmail.com
11	PH17161854	DESHMUKH RAHUL RAJIV	poojadesale18@gmail.com
12	PH17162609	DOMB PRACHITI PRAKASH	deshmukhrahul481@gmail.com
13	PH17162962	FARDE MONIKA CHANDRAKANT	prachitidomb14@gmail.com
14	PH17163462	GAONKAR BHAKTI ANIL (ANITA)	monikachandrakantfarde@gmail.com
15	PH17164168	GHARAT SAKSHI PRITAM (NEETA)	bhaktigaonkar2000@gmail.com
16	PH17164214	GHARAT DHARAM ATUL	sakshigharat0710@gmail.com
17	PH17164237	RITIK RAKESH GUPTA	dharamgharat33@gmail.com
18	PH17164678	DISHA NILESH JADHAV	rakesh9970792305@gmail.com
19	PH17165187	JADHAV HITESH DASHRATH	dishajadhav771@gmail.com
20	PH17165490	KOTGYALE AJAY VYANKATRAO	hiteshjadhav570@gmail.com
21	PH17165848	KUSHWAHA SADHANA MUNNA	kushwahasadhana1637@gmail.com
22	PH17168809	MHATRE AAKANKSHA CHANDRAKANT	kushwahasadhana1637@gmail.com
23	PH17169669	MHATRE SHARAYU PRADEEP	omashreemhatre7721@gmail.com
24	PH17170190	MISTRY GIRISH FUTERMAL	mhatresumedh10@gmail.com



3. Attendance sheets of Enrolled students

		I	DEA	L Co	lleg	e of	Phar	mac	у Ма	haras	shtra									-
	Department of B. Pharmacy																			
	V Sem. Add on Course on: Intellectual Property Right																			
s. n.	Reg. No	Name	Attendance																	
			Day 1	Day 2	Day 3	Day 4	Day 5	Day 6	Day 7	Day 8	Day 9	Day 10	Day 11	Day 12	Day 13	Day 14	Day 15	Day 16	Day 17	Day 18
1	PH18100102	ARYAN																		
2	PH18100228	AHER PREETI VILAS																		
3	PH18100550	BABAR RUPESH VASANT																		
4	PH18100582	BHERE NIKITA BALKRUSHNA SUNITA																		
5	PH18101261	BHOIR TANVI GANESH																		
6	PH18101708	CHAUHAN PREETI MANGAL																		
7	PH18102071	CHAURE HRUTUJA DATTATREY																		
8	PH18102584	MANISHA CHAVAN																		
9	PH18102802	DALVI SIDDHI BHAGWAN																		
10	PH18103168	DESALE POOJA MILIND																		
11	PH18104437	DESHMUKH RAHUL RAJIV																		
12	PH18104902	DOMB PRACHITI PRAKASH																		
13	PH18105218	FARDE MONIKA CHANDRAKANT																		
14	PH18105286	GAONKAR BHAKTI ANIL (ANITA)																		
15	PH18105535	GHARAT SAKSHI PRITAM (NEETA)																		
16	PH18106287	GHARAT DHARAM ATUL																		
17	PH18107085	RITIK RAKESH GUPTA																		
18	PH18107528	DISHA NILESH JADHAV																		
19	PH18108194	JADHAV HITESH DASHRATH																		
20	PH18108795	KOTGYALE AJAY VYANKATRAO																		
21	PH18108831	KUSHWAHA SADHANA MUNNA																		
22	PH18108953	MHATRE AAKANKSHA CHANDRAKANT							0 1	_ //	OT OT									
23	PH18109303	MHATRE SHARAYU PRADEEP							Wrincip:		100 E-30E									
24	PH18109547	MISTRY GIRISH FUTERMAL				İ		Igeal	Institute of Wada, Pak	pharmacy har	NOW.									



Intellectual Property Rights

Report of Add on Course from September 01, 2021 to October 18, 2021

Marks of Eligible Candidate

S. N.	Reg. No	Name	Q1(10)	Q2(10)	Q3 (10)	Total (30)
1	PH17142891	ARYAN	8	9	8	25
2	PH17143644	AHER PREETI VILAS	7	10	8	25
3	PH17146391	BABAR RUPESH VASANT	8	8	8	24
4		BHERE NIKITA BALKRUSHNA	9	9	8	
	PH17147228	SUNITA				26
5	PH17153753	BHOIR TANVI GANESH	7	8	5	20
6	PH17159162	CHAUHAN PREETI MANGAL	8	7	7	22
7		CHAURE HRUTUJA	9	5	8	
	PH17159748	DATTATREY				22
8	PH17160042	MANISHA CHAVAN	8	8	9	25
9	PH17161144	DALVI SIDDHI BHAGWAN	5	9	8	22
10	PH17161274	DESALE POOJA MILIND	5	5	8	18
11	PH17161854	DESHMUKH RAHUL RAJIV	4	8	5	17
12	PH17162609	DOMB PRACHITI PRAKASH	7	7	5	19
13		FARDE MONIKA	8	5	2	
	PH17162962	CHANDRAKANT				15
14		GAONKAR BHAKTI ANIL	6	2	4	
	PH17163462	(ANITA)				12
15		GHARAT SAKSHI PRITAM	5	2	7	
1.0	PH17164168	(NEETA)		_		14
16	PH17164214	GHARAT DHARAM ATUL	8	5	8	21
17	PH17164237	RITIK RAKESH GUPTA	7	8	5	20
18	PH17164678	DISHA NILESH JADHAV	5	7	8	20
19	PH17165187	JADHAV HITESH DASHRATH	6	9	9	24
20		KOTGYALE AJAY	5	6	9	
	PH17165490	VYANKATRAO		_	_	20
21	DYV151 (50) 0	KUSHWAHA SADHANA	4	5	9	10
22	PH17165848	MUNNA	1	0		18
22	DI 171 (0000	MHATRE AAKANKSHA CHANDRAKANT	1	8	9	10
23	PH17168809		7	7	9	18
24	PH17169669	MHATRE SHARAYU PRADEEP				23
24	PH17170190	MISTRY GIRISH FUTERMAL	5	9	10	24



4. Certificate:



OF COMPLETION

THE FOLLOWING AWARD IS GIVEN TO

SUPRAPTI PARMESHWAR CHATAP

Student of III Semester Registration Number PH17159162 for successfully completing the 35-hour course on Intellectual Property Rights

Dr. Umesh Latan HOD, (Pharmacy)

Mrs. Pallavi Patil



8. Photos





Feedback Analysis:

Feed Back Questions	Excellent (5)	Very Good (4)	Good (3)	Poor (2)	Very Poor (1)
The course as a whole was:					
The course content was:					
The instructor's contribution to the course was:					
The instructor's effectiveness in teaching the subject matter was:					
Course Organization was:					
Explanations by instructor were:					
Instructor's use of examples and illustrations was:					
Student's confidence in instructor's knowledge was:					
Answers to student questions were:					
Availability of extra help when needed was:					
Instructor's interest in student's progress was:					
Relevance of course content was:					
Please give overall rating of the course					

Please comment on the strength	of the course and the wa	y it was conducted.

Please comment on the weakness of the course and the way it was conducted.

Please give suggestions for the improvement of the course.





Report of Add on Course from September 01, 2021 to October 18, 2021

Intellectual Property Rights

	September 01, 2021 to October 18	, 2021					
6			To	otal Feed B	ack		40
Sr.no.	Attributes	>80%	6 Objective	Achieved,	60 to 79 %- 5	Satisfactory, Be	low 60%, Need improvement
		Outstanding	Excellent	Good	Average	Satisfactory	Remark
1	The course as a whole was:	31	4	4	1	0	Objective Achieved - Outsatanding &
		77.50	10.00	10.00	2.50	0.00	Excellent (87.5%)
		Outstanding	Excellent	Good	Average	Satisfactory	Remark
2	The course content was:	32	4	2	2	0	Objective Achieved - Outsatanding &
		80.00	10.00	5.00	5.00	0.00	Excellent (90.00%)
		Outstanding	Excellent	Good	Average	Satisfactory	Remark
3	The instructor's contribution to the course was:	30	4	3	2	1	Objective Achieved - Outsatanding &
		75.00	10.00	7.50	5.00	2.50	Excellent (85.00%)
	The instructor's effectiveness in	Outstanding	Excellent	Good	Average	Satisfactory	Remark
4	teaching the subject matter was:	31	4	3	2	0	Objective Achieved - Outsatanding &
		77.50	10.00	7.50	5.00	0.00	Excellent (87.50%)
		Outstanding	Excellent	Good	Average	Satisfactory	Remark
5	Course Organization was:	28	5	3	3	1	Objective Achieved - Outsatanding &
		70.00	12.50	7.50	7.50	2.50	Excellent (82.50%)
		Outstanding	Excellent	Good	Average	Satisfactory	Remark
6	Explanations by instructor were:	29	5	4	2	0	Objective Achieved - Outsatanding &
		72.50	12.50	10.00	5.00	0.00	Excellent (85.00%)
	Instructor's use of examples and	Outstanding	Excellent	Good	Average	Satisfactory	Remark
7	illustrations was:	28	5	5	2	0	Objective Achieved - Outsatanding &
		70.00	12.50	12.50	5.00	0.00	Excellent (82.50%)
		Outstanding	Excellent	Good	Average	Satisfactory	Remark
8	Student's confidence in instructor's knowledge was:	31	4	4	1	0	Objective Achieved - Outsatanding &
	Knowledge was.	77.50	10.00	10.00	2.50	0.00	Excellent (87.50%)
		Outstanding	Excellent	Good	Average	Satisfactory	Remark
9	Answers to student questions were:	29	6	3	2	0	Objective Achieved - Outsatanding &
		72.50	15.00	7.50	5.00	0.00	Excellent (87.50%)
		Outstanding	Excellent	Good	Average	Satisfactory	Remark
10	Availability of extra help when needed was:	30	5	3	2	0	Objective Achieved - Outsatanding &
	11 434	75.00	12.50	7.50	5.00	0.00	Excellent (87.50%)
	Instructor's interest in student's	Outstanding	Excellent	Good	Average	Satisfactory	Remark
11	progress was:	33	2	2	2	1	Objective Achieved - Outsatanding &
	A STATE OF THE STA	82.50	5.00	5.00	5.00	2.50	Excellent (87.50%)
		Outstanding	Excellent	Good	Average	Satisfactory	Remark
12	Relevance of course content was:	30	5	3	2	0	Objective Achieved - Outsatanding &
		75.00	12.50	7.50	5.00	0.00	Excellent (87.50%)
		Outstanding	Excellent	Good	Average	Satisfactory	Remark
13	Please give overall rating of the course	31	4	3	2	0	Objective Achieved - Outsatanding &
		77.50	10.00	7.50	5.00	0.00	Excellent (87.50%)
les servi		No one some				The second of the	Sayul (* 38)

Overall Remark:- As per the feedback, study should be done by Projector & Exam to be taken online. Overall objective of the course has been achieved by the feedback given by the participants

| Overall Remark:- As per the feedback, study should be done by Projector & Exam to be taken online. Overall objective of the course has been achieved by the feedback given by the participants

| Overall Remark:- As per the feedback, study should be done by Projector & Exam to be taken online. Overall objective of the course has been achieved by the feedback given by the participants

A Report of

Add on Course

On

"Nutritional Requirements" (AOC-DEP-PHA-NR)

September 01, 2021 to October 18, 2021

Coordinated by

Mr. Rajiv Kumar

Organized by



Department of B. Pharmacy

IDEAL College of Pharmacy

State- Maharashtra, (India)



Contents

- 1. Add on Course Brochure
- 2. About the Course
- 3. Q Sheet
- 4. Enrolled Students List
- 5. Attendance sheets of enrolled students
- 6. Certificates of eligible students
- 7. Student feedback for course
- 8. Course Session Photos



1. Add on Course Brochure



Affiliated by the Mumbai University & Approved by AICTE New Delhi, DTE Maharastra.

About the College

The Ideal College of Pharmacy & Research is one amongst the many successful ventures of Ideal College which has a reputation for pioneering in pursuit of academic excellence. The pharmaceutical industry is one of the fastest growing sectors with India becoming a destination for pharmaceutical and clinical trials. A career in the field of pharmaceutical therefore holds sciences tremendous promise for opportunities globally. The state-of-the-art infrastructure and instructional facilities of the College includes wellequipped laboratories. voluminous library, spacious lecture halls, playground, etc., all this makes the College a conducive place for learning that provides students with quality education in clean and comfortable environment.

Add-on



About the Course

The rapidly changing global trends in the area of food consumption patterns, lifestyles and environment have a tremendous impact on the nutrition and health profiles of the communities. Today's consumer is much better informed about various issues relating to health, but the information explosion adds to the confusion in making the right choices and staying clear of misinformation and misconceptions. The programme will create competent Nutritional professionals in this field who will strive for a healthy society.



Ideal College of Pharmacy Department of B. Pharmacy Notice

Date: 17/08/2021

It is notified for all the students of the Second Year that the Department is going to organize Add-on Course on (AOC-DEP-PHA-HEN) "Nutritional Requirements", for 1th Semester students for their benefits in the near future. The duration of the course will be off 35 contact hours which will be covered in 2 months.

Interested bonafide students are advised to register themselves. **The last date of registration is 27-08-2021**. If any Query regarding add on course contact to Mrs. Asha Suryavanshi.

Note:

- 1. The course is free of cost.
- 2. Minimum 70% attendance is mandatory.
- 3. The successful candidates will be issued certificates by the college.

Dr. Dileep Kumar BharatiHOD (Pharmacy)



2. About the Course

Course Name: Nutritional Requirements (AOC-DEP-PHA-NR)

Course Summary: The rapidly changing global trends in the area of food consumption patterns, lifestyles and environment have a tremendous impact on the nutrition and health profiles of the communities. Today's consumer is much better informed about various issues relating to health, but the information explosion adds to the confusion in making the right choices and staying clear of misinformation and misconceptions. The programme will create competent Nutritional professionals in this field who will strive for a healthy society.

Enrollment Criteria:

- 1. Participants must be interested and engineering student (II Year Only)
- 2. Must provide the NOC if from other department.

Course Outcomes:

- · To introduce the students to the fundamentals of Nutrition, food and health
- · To familiarize them with importance of nutrition during various stages of life.
- To impart knowledge regarding etiology and management of nutritional disorders ranging from nutritional deficiencies to life style disorders.
- To emphasize on the importance of food safety, food quality, food laws and regulations, ongoing national programmes as well as imparting entrepreneurship skill for job enhancement.

Course Outcomes & Program Outcomes Mapping:

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
CO1	3	3									3				3
CO2	3		3							3	3		3		
CO3			3							3					3
CO4			3							3			3		
CO5															
Target	3	3	3							3	3		3		3

Certification Criteria: Minimum 50% marks in Certification Exam and 70% attendance

Course Prerequisite:

- Enable students to understand the concepts of nutrition and dietetics
- Increase employability through trainings and hands on trainings
- Instill a passion for higher education and venture into prospectus professions in the field
- Inculcate social commitment among the students through community programmes

Principal
igeal institute of Pharmacy
Wada, Palghar

Course Duration: 35 Hours

IDEAL College of Pharmacy Maharastra

Course Outline:

Module	Contents	Hours
1	Human Physiology and Nutrition	7
2	Functional foods, superfoods and bioactive compounds in food	7
3	Body detoxification and significance of fortified foods	7
4	Introduction to nutrition and dietics	7
5	Assignment – Diet planning	7

REFERENCE:

- Mudambi, SR and Rajagopal, MV. Fundamentals of Foods, Nutrition and Diet Therapy; Fifth Ed; 2012; New Age International Publishers
- 2. Khanna K et al. Textbook of nutrition and dietetics; 2013; Phoenix Publisher.
- Wardlaw GM, Hampl JS. Perspectives in Nutrition; Seventh Ed; 2007; McGraw Hill.
- Lakra P, Singh MD. Textbook of Nutrition and Health; First Ed; 2008; Academic Excellence.
- Wadhwa A and Sharma S (2003). Nutrition in the Community-A Textbook. Elite Publishing House Pvt. Ltd. New Delhi.



1. O Sheet

S.No	Activity	Duration	Date	Time
1.	Principles of Nutrition	1 Hour	01-09-2021	03:00 to 04:00 PM
2.	Food Science, Food Science practical	2 Hour	02-09-2021	02:00 to 04:00 PM
3	Fundamentals of Biochemistry	2 Hour	03-09-2021	02:00 to 04:00 PM
4	Human Anatomy and Physiology I	2 Hour	04-09-2021	02:00 to 04:00 PM
5	Nutrition through Life Cycle	2 Hour	07-09-2021	02:00 to 04:00 PM
6	Food Standards and Quality Control	2 Hour	08-09-2021	02:00 to 04:00 PM
7	Nutrition through Life cycle theory and Practical	2 Hour	16-09-2021	02:00 to 04:00 PM
8	General biochemistry	2 Hour	17-09-2021	02:00 to 04:00 PM
9	Food Culture and Nutrition, Basic Dietetics	2 Hour	20-09-2021	02:00 to 04:00 PM
10	Food Service Management	2 Hour	21-09-2021	02:00 to 04:00 PM
11	Nutrition in Health Promotion Dietetics	2 Hour	22-09-2021	Principa 4:00 Massall

Report of Add on Course from September 01, 2021 to October 18, 2021

Nutritional Requirements (AOC-DEP-PHA-NR)

12	Biochemical Aspects of Nutrition	2 Hour	23-09-2021	02:00 to 04:00 PM
13	Human Anatomy and Physiology	2 Hour	24-09-2021	02:00 to 04:00 PM
14	Public Health and Community Nutrition	2 Hour	12-10-2021	02:00 to 04:00 PM
15	Nutritional Epidemiology, Community Nutrition Practical	2 Hour	13-10-2021	02:00 to 04:00 PM
16	Food Microbiology, Essentials of Entrepreneurship	2 Hour	14-10-2021	02:00 to 04:00 PM
17	Nutrition in Health and Fitness	2 Hour	15-10-2021	02:00 to 04:00 PM
18	Food Microbiology Practical, Project	2 Hour	17-10-2021	02:00 to 04:00 PM



Nutritional Requirements (AOC-DEP-PHA-NR)

2. Enrolled Students List

S. N.	Reg. No	Name	E-Mail ID
1	PH19400337	MHATRE AAKANKSHA CHANDRAKANT	aakankshamhatre7898@gmail.com
2	PH19400344	PATIL CHETAN MANOHAR	Cp240314@gmail.com
3	PH19401956	MISTRY GIRISH FUTERMAL	giru987@gmail.com
4	PH19402756	MANISHA CHAVAN	chavanmanisha169@gmail.com
5	PH19404050	PARKAD SACHIN HANUMAN	sachinparkad23@gmail.com
6	PH19404856	PARMAR JAY BHAVESH	jayparmar17126@gmail.com
7	PH19405038	FARDE MONIKA CHANDRAKANT	fardemonika7@gmail.com
8	PH19405519	SHARMA PAWAN SHIVMURAT	sharmapawan3300@gmail.com
9	PH19405823	BABAR RUPESH VASANT	rupeshbabar46@gmail.com
10	PH19408308	YADAV SHASHI HARIHAR	yadavs2500@gmail.com
11	PH19411244	VARTHA AMIT CHANDU	amitvartha25@gmail.com
12	PH19411256	BHERE NIKITA BALKRUSHNA	nbbhere2508@gmail.com
13	PH19411286	KUSHWAHA SADHANA MUNNA	kushwahasadhana1637@gmail.com
14	PH19411460	YADAV ADARSH SHYAMKANHAIYA	abdadarsh02@gmail.com
15	PH19411805	ARYAN	rajaryan8977@gmail.com
16	PH19412069	RATHOD PAYAL LAKHAN	Payalrathod039@gmail.com
17	PH19412675	SABALE MAYUR JAYDEO	mayursable999@gmail.com
18	PH19413121	PATIL CHANDAN VASANT	patilchandan555@gmail.com
19	PH19413758	DESHMUKH RAHUL RAJIV	deshmukhrahul481@gmail.com
20	PH19413839	PATIL MRUNALI BALKRUSHNA	mrunalipatil4738@gmail.com
21	PH19413867	SHAIKH SAYMA SAMIR	saymashaikh133@gmail.com
22	PH19414707	GUPTA RITIK RAKESH	guptaritik9936@gmail.com
23	PH19414849	DALVI SIDDHI BHAGWAN	Siddhibhagwndalvi2000@gmail.com
24	PH19415394	JADHAV DISHA NILESH	dishajadhav771@gmail.com



3. Attendance sheets of Enrolled students

IDEAL College of Pharmacy Maharashtra

Department of B. Pharmacy

V Sem. Add on Course on: Nutritional Requirements

S. N.	Reg. No	Name			Atten	dance		
5. IV.	Reg. No	Name	Day 1	Day 2	Day 3	Day 4	Day 5	Day 6
1	PH19400337	MHATRE AAKANKSHA CHANDRAKANT						
2	PH19400344	PATIL CHETAN MANOHAR						
3	PH19401956	MISTRY GIRISH FUTERMAL						
4	PH19402756	MANISHA CHAVAN						
5	PH19404050	PARKAD SACHIN HANUMAN						
6	PH19404856	PARMAR JAY BHAVESH						
7	PH19405038	FARDE MONIKA CHANDRAKANT						
8	PH19405519	SHARMA PAWAN SHIVMURAT						
9	PH19405823	BABAR RUPESH VASANT						
10	PH19408308	YADAV SHASHI HARIHAR						
11	PH19411244	VARTHA AMIT CHANDU			St. ins	The state of the s		
12	PH19411256	BHERE NIKITA BALKRUSHNA		15	Principal ea Instituto of Pharmacy Meda Palghar	04 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		
13	PH19411286	KUSHWAHA SADHANA MUNNA			LIMANIA			
14	PH19411460	YADAV ADARSH SHYAMKANHAIYA						

	oort of Add on C ber 01, 2021 to C			Nutritional Requ	irements	
15	PH19411805	ARYAN				
16	PH19412069	RATHOD PAYAL LAKHAN				
17	PH19412675	SABALE MAYUR JAYDEO				
18	PH19413121	PATIL CHANDAN VASANT				
19	PH19413758	DESHMUKH RAHUL RAJIV				
20	PH19413839	PATIL MRUNALI BALKRUSHNA				
21	PH19413867	SHAIKH SAYMA SAMIR				
22	PH19414707	GUPTA RITIK RAKESH				
23	PH19414849	DALVI SIDDHI BHAGWAN				
24	PH19415394	JADHAV DISHA NILESH				



Nutritional Requirements

Report of Add on Course from September 01, 2021 to October 18, 2021

Marks of Eligible Candidate

S. N.	Reg. No	Name	Q1(10)	Q2(10)	Q3 (10)	Total (30)
1	PH19400337	MHATRE AAKANKSHA CHANDRAKANT	7	9	8	24
2	PH19400344	PATIL CHETAN MANOHAR	6	10	8	24
3	PH19401956	MISTRY GIRISH FUTERMAL	5	8	8	21
4	PH19402756	MANISHA CHAVAN	8	9	8	25
5	PH19404050	PARKAD SACHIN HANUMAN	9	8	5	22
6	PH19404856	PARMAR JAY BHAVESH	2	7	7	16
7	PH19405038	FARDE MONIKA CHANDRAKANT	2	5	8	15
8	PH19405519	SHARMA PAWAN SHIVMURAT	1	8	9	18
9	PH19405823	BABAR RUPESH VASANT	5	9	8	22
10	PH19408308	YADAV SHASHI HARIHAR	8	5	8	21
11	PH19411244	VARTHA AMIT CHANDU	6	8	5	19
12	PH19411256	BHERE NIKITA BALKRUSHNA	8	7	5	20
13	PH19411286	KUSHWAHA SADHANA MUNNA	9	5	2	16
14	PH19411460	YADAV ADARSH SHYAMKANHAIYA	5	2	4	11
15	PH19411805	ARYAN	8	2	7	17
16	PH19412069	RATHOD PAYAL LAKHAN	5	5	8	18
17	PH19412675	SABALE MAYUR JAYDEO	3	8	5	16
18	PH19413121	PATIL CHANDAN VASANT	8	7	8	23
19	PH19413758	DESHMUKH RAHUL RAJIV	5	9	9	23
20	PH19413839	PATIL MRUNALI BALKRUSHNA	5	6	9	20
21	PH19413867	SHAIKH SAYMA SAMIR	4	5	9	18
22	PH19414707	GUPTA RITIK RAKESH	6	8	9	23
23	PH19414849	DALVI SIDDHI BHAGWAN	5	7	9	21
24	PH19415394	JADHAV DISHA NILESH	4	9	10	23



4. Certificate:



OF COMPLETION

THE FOLLOWING AWARD IS GIVEN TO

VARTHA AMIT CHANDU

Student of I Semester Registration Number PH19411244 for successfully completing the 35-hour course on Health Education and Nutrition

Dr. Umesh Latan HOD, (Pharmacy)

Mrs. Asha Suryavanshi Coordinator



8. Photos





Report of Add on Course from September 01, 2021 to October 18, 2021

Nutritional Requirements

Feedback Analysis:

Feed Back Questions	Excellent (5)	Very Good (4)	Good (3)	Poor (2)	Very Poor (1)
The course as a whole was:					
The course content was:					
The instructor's contribution to the course was:					
The instructor's effectiveness in teaching the subject matter was:					
Course Organization was:					
Explanations by instructor were:					
Instructor's use of examples and illustrations was:					
Student's confidence in instructor's knowledge was:					
Answers to student questions were:					
Availability of extra help when needed was:					
Instructor's interest in student's progress was:					
Relevance of course content was:					
Please give overall rating of the course					

Please comment on the strength of the course and the way it was conducted.
Please comment on the weakness of the course and the way it was conducted.
Please give suggestions for the improvement of the course.
Outional Vary name and contact address
Optional – Your name and contact address.



Report of Add on Course from September 01, 2021 to October 18, 2021

Nutritional Requirements

	September 01, 2021 to October 18	, 2021					
			To	otal Feed B	ack		40
Sr.no.	Attributes	>80%	6 Objective	Achieved,	60 to 79 %- 5	Satisfactory, Be	low 60%, Need improvement
		Outstanding	Excellent	Good	Average	Satisfactory	Remark
1	The course as a whole was:	31	4	4	1	0	Objective Achieved - Outsatanding &
		77.50	10.00	10.00	2.50	0.00	Excellent (87.5%)
		Outstanding	Excellent	Good	Average	Satisfactory	Remark
2	The course content was:	32	4	2	2	0	Objective Achieved - Outsatanding &
		80.00	10.00	5.00	5.00	0.00	Excellent (90.00%)
	The instructor's contribution to the	Outstanding	Excellent	Good	Average	Satisfactory	Remark
3	course was:	30	4	3	2	1	Objective Achieved - Outsatanding &
		75.00	10.00	7.50	5.00	2.50	Excellent (85.00%)
	The instructor's effectiveness in	Outstanding	Excellent	Good	Average	Satisfactory	Remark
4	teaching the subject matter was:	31	4	3	2	0	Objective Achieved - Outsatanding &
	\$00 W	77.50	10.00	7.50	5.00	0.00	Excellent (87.50%)
		Outstanding	Excellent	Good	Average	Satisfactory	Remark
5	Course Organization was:	28	5	3	3	1	Objective Achieved - Outsatanding &
		70.00	12.50	7.50	7.50	2.50	Excellent (82.50%)
		Outstanding	Excellent	Good	Average	Satisfactory	Remark
6	Explanations by instructor were:	29	5	4	2	0	Objective Achieved - Outsatanding &
		72.50	12.50	10.00	5.00	0.00	Excellent (85.00%)
	Instructor's use of examples and	Outstanding	Excellent	Good	Average	Satisfactory	Remark
7	illustrations was:	28	5	5	2	0	Objective Achieved - Outsatanding &
		70.00	12.50	12.50	5.00	0.00	Excellent (82.50%)
	6. 1 .1	Outstanding	Excellent	Good	Average	Satisfactory	Remark
8	Student's confidence in instructor's knowledge was:	31	4	4	1	0	Objective Achieved - Outsatanding &
		77.50	10.00	10.00	2.50	0.00	Excellent (87.50%)
		Outstanding	Excellent	Good	Average	Satisfactory	Remark
9	Answers to student questions were:	29	6	3	2	0	Objective Achieved - Outsatanding &
		72.50	15.00	7.50	5.00	0.00	Excellent (87.50%)
	A	Outstanding	Excellent	Good	Average	Satisfactory	Remark
10	Availability of extra help when needed was:	30	5	3	2	0	Objective Achieved - Outsatanding &
		75.00	12.50	7.50	5.00	0.00	Excellent (87.50%)
	Instructor's interest in student's	Outstanding	Excellent	Good	Average	Satisfactory	Remark
11	progress was:	33	2	2	2	1	Objective Achieved - Outsatanding &
		82.50	5.00	5.00	5.00	2.50	Excellent (87.50%)
		Outstanding	Excellent	Good	Average	Satisfactory	Remark
12	Relevance of course content was:	30	5	3	2	0	Objective Achieved - Outsatanding &
		75.00	12.50	7.50	5.00	0.00	Excellent (87.50%)
		Outstanding	Excellent	Good	Average	Satisfactory	Remark
13	Please give overall rating of the course	31	4	3	2	0	Objective Achieved - Outsatanding &
		77.50	10.00	7.50	5.00	0.00	Excellent (87-50%)
les research	" see a la se sua la se se se	San total and total	di engan	C 05 028	97 100	"Greenway out	Lavel * ES T

Overall Remark:- As per the feedback, study should be done by Projector & Exam to be taken online. Overall objective of the course has been achieved by the feedback given by the participants

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| Overall Remark:- As per the feedback, study should be done by Projector & Exam to be taken online. Overall objective of the course has been achieved by the feedback given by the participants

A Report of

Add on Course

On

"Herbal Extraction" (AOC-DEP-PHA-HE)

March 1, 2022 to April 25, 2022

Coordinated by

Miss Shweta Patil

Organized by



Department of B. Pharmacy

IDEAL College of Pharmacy

State- Maharashtra, (India)



Contents

- 1. Add on Course Brochure
- 2. About the Course
- 3. Q Sheet
- 4. Enrolled Students List
- 5. Attendance sheets of enrolled students
- 6. Certificates of eligible students
- 7. Student feedback for course
- 8. Course Session Photos



1. Add on Course Brochure



Affiliated by the Mumbai University & Approved by AICTE New Delhi, DTE Maharastra.

About the College

The Ideal College of Pharmacy & Research is one amongst the many successful ventures of Ideal College which has a reputation for pioneering in pursuit of academic excellence. The pharmaceutical industry is one of the fastest growing sectors with India becoming a destination for pharmaceutical and clinical trials. A career in the field of pharmaceutical therefore holds sciences tremendous promise for opportunities globally. The state-of-the-art infrastructure and instructional facilities of the College includes welllaboratories. equipped voluminous library, spacious lecture halls, playground, etc., all this makes the College a conducive place for learning that provides students with quality education in clean and comfortable environment.

Add-on



About the Course

By learning this course students will know about different extraction techniques and can perform their own extractions using different herbal materials. While experimentation students will choose specific extraction technique depending on their formulation and medicinal plants used for extraction.



Ideal College of Pharmacy Department of B. Pharmacy Notice

Date: 17/08/2021

It is notified for all the students of the Third Year that the Department is going to organize Add-on Course on (AOC-DEP-PHA-HE) "Herbal Extraction", for 6th Semester students for their benefits in the near future. The duration of the course will be off 35 contact hours which will be covered in 3 months.

Interested bonafide students are advised to register themselves. **The last date of registration is 27-08-2021**. If any Query regarding add on course contact to Miss Shweta Patil.

Note:

- 1. The course is free of cost.
- 2. Minimum 70% attendance is mandatory.
- 3. The successful candidates will be issued certificates by the college.

Dr. Dileep Kumar Bharati HOD (Pharmacy)



2. About the Course

Course Name: Training in Extraction Techniques (AOC-DEP-PHA-TET)

Course Summary: This is another vital course which will impart new skill in the students. By learning this course students will know about different extraction techniques and can perform their own extractions using different herbal materials. While experimentation students will choose specific extraction technique depending on their formulation and medicinal plants used for extraction.

Enrollment Criteria:

- 1. Participants must be interested and engineering student (III Year Only)
- 2. Must provide the NOC if from other department.

Course Outcomes:

The course objective is to provide both theoretical and hands on training on the techniques and development of standardized herbal extract. At the end of the course trainee will be exposed to

- (i) Techniques applied to determining herbal extraction methods to develop a standardized herbal extract from lab to industrial scale.
- (ii) Techniques in standardized lab scale method in developing standardized herbal extracts to industrial scale.
- (iii) Understanding quality measures (QC) involved in herbal extraction and developing standardized herbal extract with case studies focusing on Indian indigenous herbs lists in monoJ). raph of herbs in India.

Course Outcomes & Program Outcomes Mapping:

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
CO1	3	3				3					3				3
CO2	3		3				3			3	3		3		
CO3			3				3		3	3					3
CO4			3							3			3		
CO5															
Target	3	3	3			3	3		3	3	3		3		3

Certification Criteria: Minimum 50% marks in Certification Exam and 70% attendance

Course Prerequisite:

- To improve their knowledge in Extraction Technology which is a valuable skill. To familiarise with different advanced extraction techniques developed to date
- To improve the existing practical knowledge of students in extraction technology.
- To introduce more sophisticated and sensitive extraction techniques such as Super critical Fluid Extraction and Microwave assisted extraction techniques.

Course Duration: 35 Hours

Course Outline:

Module	Contents	Hours
1	Introduction to extraction of Medicinal Plants	7
2	extraction method	7
3	Super Critical Fluid Extraction	7
4	Trademarks	7
5	Project	7

REFERENCE:

- 1. Chemat, F., & Strube, J. (Eds.). (2015). *Green extraction of natural products: theory and practice*. John Wiley & Sons.
- 2. Sarker, S. D., Latif, Z., & Gray, A. I. (2006). Natural product isolation. In *Natural products isolation* (pp. 1-25). Humana press.
- 3. Rostagno, M. A., & Prado, J. M. (Eds.). (2013). *Natural product extraction: principles and applications* (No. 21). Royal Society of Chemistry.



1. O Sheet

S.No	Activity	Duration	Date	Time
1.	General Methods of Extraction	1 Hour	March 01,2021	03:00 to 04:00 PM
2.	Steps Involved in the Extraction	2 Hour	March 02,2021	02:00 to 04:00 PM
3	Maceration, Percolation and Infusion	2 Hour	March 03,2021	02:00 to 04:00 PM
4	Techniques for the Extraction	2 Hour	March 04,2021	02:00 to 04:00 PM
5	Extraction methods for Essential current Extraction	2 Hour	March 07,2021	02:00 to 04:00 PM
6	Extraction methods for Essential Oil-Counter	2 Hour	March 08,2021	02:00 to 04:00 PM
7	Aqueous Alcoholic Extraction by Fermentation	2 Hour	March 16,2021	02:00 to 04:00 PM
8	Microwave assisted Extraction	2 Hour	March 17,2021	02:00 to 04:00 PM
9	Pressurized extraction techniques.	2 Hour	March 20,2021	02:00 to 04:00 PM
10	Supercritical Fluid Extraction	2 Hour	March 21,2021	02:00 to 04:00 PM
11	Ultrasound Extraction	2 Hour	March 22,2021	Principa 4-00 Principa 4-00 Principa 4-00 Real Instituto of Pharmaco Wada, Palghar

Report of Add on Course from March 01, 2022 to April 25, 2022

Herbal Extraction (AOC-DEP-PHA-HE)

12	Subcritical Fluid Extraction Green Extraction	2 Hour	March 23,2021	02:00 to 04:00 PM
13	Extraction Process Design	2 Hour	March 24,2021	02:00 to 04:00 PM
14	Phytonics Process	2 Hour	April 12, 2021	02:00 to 04:00 PM
15	Optimization Using Design of Experimental Approach	2 Hour	April 13, 2021	02:00 to 04:00 PM
16	Separation of essential oil by SCF technique Clove oil	2 Hour	April 14, 2021	02:00 to 04:00 PM
17	Separation of essential oil by SCF technique Zinger oil	2 Hour	April 15, 2021	02:00 to 04:00 PM
18	Project	2 Hour	April 25, 2021	02:00 to 04:00 PM



2. Enrolled Students List

S. N.	Reg. No	Name	E-Mail ID					
1	PH18108795	PRATIBHA KUMARI	shreyapratibha1806@gmail.com					
2	PH18108831	BAGAL RUTUJA VINAYAK	ajitmane.am26@gmail.com					
3	PH18108953	BELHEKAR TEJAL KISAN	belhekartejal26@gmail.com					
4	PH18109303 BHANDARI SHREYA SANTOSH		shreyabhandari65@gmail.com					
5	PH18109547	BHANUSHALI SIDDHI MANOJ	siddhibhanushali50@gmail.com					
6	PH18109867	BHANUSHALI SUJAL SACHIN	sujalbhanushali2112@gmail.com					
7	PH18112094	BHANUSHALI LEENA ULHAS	leenabhanushali2003@gmail.com					
8	PH18112777	BHOIR NAYAN ANIL	nayanbhoir0070@gmail.com					
9	PH18112949	SAMRUDDHI MARTAND BHOIR	samubhoir123@gmail.com					
10	PH18113354	BHOIR AISHWARYA VITTHAL	aishwaryabhoir477@gmail.com					
11	PH18113978	BHUYAL AAKANKSHA PARSHURAM	bhuyalaakanksha02@gmail.com					
12	PH18114078	SAGAR SAJAN BORSE	sagarborse682@gmail.com					
13	PH18114651	CHAVAN NIKITA VILAS	yuti.chavan1997@gmail.com					
14	PH18115067	GAYATRI MURLI DEHURE	gayatridehure00@gmail.com					
15	PH18115858	DEVENDRAM SUKUMARI SUDALAIMUTHU	sukumarisudalaimuthu@gmail.com					
16	PH18116042	DWIVEDI ANKITA SANJAY	ankitadwivedi435@gmail.com					
17	PH18116333	GAIKAR MANSI NARESH	mansigaikar875@gmail.com					
18	PH18117600	GAIKWAD SAGAR LAHU	sg2709627@gmail.com					
19	PH18118242	GAIKWAD VIJAYA RAVIKAR	vijayagaikwad118@gmail.com					
20	PH18118307	GANGODA CHETAN SHANKAR	Chetangangoda03@gmail.com					
21	PH18118613	SEJAL BALASAHEB GARJE	sejalgarje@gmail.com					
22	PH18118661	GAVALI KULDEEP BALASAHEB	gavalikuldeep@gmail.com					
23	PH18118693	GENDEWAD SANDESH SHIVRAJ	gendewadsandesh8@gmail.com					
24	PH18119020	GHODVINDE VAIBHAVI PANDHARINATH	vaibhavighodvinde2003@gmail.com					



Herbal Extraction (AOC-DEP-PHA-HE)

3. Attendance sheets of Enrolled students

			IDEA	L Co	olleg	e of]	Phar	mac	y Ma	haras	shtra									
					Depa	rtme n	t of B	. Phar	macy											
	I Sem. Add on Course on: Herbal Extraction																			
S. N. Reg. No Name																				
			Day 1	Day 2	Day 3	Day 4	Day 5	Day 6	Day 7	Day 8	Day 9	Day 10	Day 11	Day 12	Day 13	Day 14	Day 15	Day 16	Day 17	Day 18
1	PH17100151	PRATIBHA KUMARI																		
2	PH17100574	BAGAL RUTUJA VINAYAK																		
3	PH17101038	BELHEKAR TEJAL KISAN																		
4	PH17101043	BHANDARI SHREYA SANTOSH																		
5	PH17101519	BHANUSHALI SIDDHI MANOJ																		
6	PH17102990	BHANUSHALI SUJAL SACHIN																		
7	PH17103102	BHANUSHALI LEENA ULHAS																		
8	PH17103746	BHOIR NA YAN ANIL																		
9	PH17104142	SAMRUDDHI MARTAND BHOIR																		
10	PH17104677	BHOIR AISHWARYA VITTHAL																		
11	PH17105212	BHUYAL AAKANKSHA PARSHURAM																		
12	PH17107708	SAGAR SAJAN BORSE									_									
13	PH17108212	CHAVAN NIKITA VILAS							Syl		1 1 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1 2	OF 22								
14	PH17108333	GA YATRI MURLI DEHURE						láé	1 1	pal Pharmacy Ighar	Bar Xo	1.55								
15	PH17108598	DEVENDRAM SUKUMARI SUDALAIMUTHU							ERMAN!											

Report of Add on Course from March 01, 2022 to April 25, 2022

Herbal Extraction (AOC-DEP-PHA-HE)

16	PH17108884	DWIVEDI ANKITA SANJAY									
17	PH17109186	GAIKAR MANSI NARESH									
18	PH17109619	GAIKWAD SAGAR LAHU									
19	PH17109685	GAIKWAD VIJAYA RAVIKAR									
20	PH17109860	GANGODA CHETAN SHANKAR									
21	PH17109988	SEJAL BALASAHEB GARJE									
22	PH17110068	GAVALI KULDEEP BALASAHEB									
23	PH17110724	GENDEW AD SANDESH SHIVRAJ									
24	PH17110805	GHODVINDE VAIBHAVI PANDHARINATH									



Report of Add on Course from March 01, 2022 to April 25, 2022

4. Marks of Eligible Candidate

S. N.	Reg. No	Name	Q1(10)	Q2(10)	Q3 (10)	Total (30)
1	PH18108795	PRATIBHA KUMARI	4	8	5	17
2	PH18108831	BAGAL RUTUJA VINAYAK	7	7	5	19
3	PH18108953	BELHEKAR TEJAL KISAN	8	5	2	15
4	PH18109303	BHANDARI SHREYA SANTOSH	6	2	4	12
5	PH18109547	BHANUSHALI SIDDHI MANOJ	7	8	5	20
6	PH18109867	BHANUSHALI SUJAL SACHIN	8	7	7	22
7	PH18112094	BHANUSHALI LEENA ULHAS	9	5	8	22
8	PH18112777	BHOIR NAYAN ANIL	8	8	9	25
9	PH18112949	SAMRUDDHI MARTAND BHOIR	5	9	8	22
10	PH18113354	BHOIR AISHWARYA VITTHAL	5	5	8	18
11	PH18113978	BHUYAL AAKANKSHA PARSHURAM	4	8	5	17
12	PH18114078	SAGAR SAJAN BORSE	7	7	5	19
13	PH18114651	CHAVAN NIKITA VILAS	8	5	2	15
14	PH18115067	GAYATRI MURLI DEHURE	6	2	4	12
15	PH18115858	DEVENDRAM SUKUMARI SUDALAIMUTHU	5	2	7	14
16	PH18116042	DWIVEDI ANKITA SANJAY	8	5	8	21
17	PH18116333	GAIKAR MANSI NARESH	7	8	5	20
18	PH18117600	GAIKWAD SAGAR LAHU	5	7	8	20
19	PH18118242	GAIKWAD VIJAYA RAVIKAR	6	9	9	24
20	PH18118307	GANGODA CHETAN SHANKAR	5	6	9	20
21	PH18118613	SEJAL BALASAHEB GARJE	4	5	9	18
22	PH18118661	GAVALI KULDEEP BALASAHEB	1	8	9	18
23	PH18118693	GENDEWAD SANDESH SHIVRAJ	7	7	9	23
24	PH18119020	GHODVINDE VAIBHAVI PANDHARINATH	5	9	10	24



Report of Add on Course from March 01, 2022 to April 25, 2022 Herbal Extraction (AOC-DEP-PHA-HE)

5. Certificate:







CERTIFICATE

OF COMPLETION

THE FOLLOWING AWARD IS GIVEN TO

SEJAL BALASAHEB GARJE

Student of V Semester Registration Number PH18118613 for successfully completing the 35-hour course on Herbal Extraction.

Dr. Dileep Kumar Bharati
HOD, (Pharmacy)

Miss. Shweta Patil

Coordinator



8. Photos





Feedback Analysis:

Feed Back Questions	Excellent (5)	Very Good (4)	Good (3)	Poor (2)	Very Poor (1)
The course as a whole was:					
The course content was:					
The instructor's contribution to the course was:					
The instructor's effectiveness in teaching the subject matter was:					
Course Organization was:					
Explanations by instructor were:					
Instructor's use of examples and illustrations was:					
Student's confidence in instructor's knowledge was:					
Answers to student questions were:					
Availability of extra help when needed was:					
Instructor's interest in student's progress was:					
Relevance of course content was:					
Please give overall rating of the course					

Please comment on the strength of the course and the way it was conducted.
Please comment on the weakness of the course and the way it was conducted.
Please give suggestions for the improvement of the course.
Outional Vary name and contact address
Optional – Your name and contact address.

Herbal Extraction

Report of Add on Course from March 01, 2022 to April 25, 2022

(AOC-DEP-PHA-HE)

			To	tal Feed B	ack		40		
Sr.no.	Attributes	>80%	6 Objective	Achieved,	60 to 79 %- 5	Satisfactory, Be	low 60%, Need improvement		
		Outstanding	Excellent	Good	Average	Satisfactory	Remark		
1	The course as a whole was:	31	4	4	1	0	Objective Achieved - Outsatanding		
		77.50	10.00	10.00	2.50	0.00	Excellent (87.5%)		
		Outstanding	Excellent	Good	Average	Satisfactory	Remark		
2	The course content was:	32	4	2	2	0	Objective Achieved - Outsatanding		
		80.00	10.00	5.00	5.00	0.00	Excellent (90.00%)		
	The instructor's contribution to the	Outstanding	Excellent	Good	Average	Satisfactory	Remark		
3	course was:	30	4	3	2	1	Objective Achieved - Outsatanding		
		75.00	10.00	7.50	5.00	2.50	Excellent (85.00%)		
	The instructor's effectiveness in	Outstanding	Excellent	Good	Average	Satisfactory	Remark		
4	teaching the subject matter was:	31	4	3	2	0	Objective Achieved - Outsatanding		
		77.50	10.00	7.50	5.00	0.00	Excellent (87.50%)		
_		Outstanding	Excellent	Good	Average	Satisfactory	Remark		
5	Course Organization was:	28	5	3	3	1	Objective Achieved - Outsatanding		
		70.00	12.50	7.50	7.50	2.50	Excellent (82.50%)		
		Outstanding	Excellent	Good	Average	Satisfactory	Remark		
6	Explanations by instructor were:	29	5	4	2	0	Objective Achieved - Outsatanding		
		72.50	12.50	10.00	5.00	0.00	Excellent (85.00%)		
	Instructor's use of examples and	Outstanding	Excellent	Good	Average	Satisfactory	Remark		
7	illustrations was:	28	5	5	2	0	Objective Achieved - Outsatanding		
		70.00	12.50	12.50	5.00	0.00	Excellent (82.50%)		
	Student's confidence in instructor's	Outstanding	Excellent	Good	Average	Satisfactory	Remark		
8	knowledge was:	31	4	4	1	0	Objective Achieved - Outsatanding		
		77.50	10.00	10.00	2.50	0.00	Excellent (87.50%)		
0		Outstanding	Excellent	Good	Average	Satisfactory	Remark		
9	Answers to student questions were:	29	6	3	2	0 00	Objective Achieved - Outsatanding Excellent (87.50%)		
		72.50 Outstanding	15.00 Excellent	7.50 Good	5.00	0.00 Satisfactory	Remark		
10	Availability of extra help when needed	30	5	3	Average 2	0			
	was:	75.00	12.50	7.50	5.00	0.00	Objective Achieved - Outsatanding Excellent (87.50%)		
		Outstanding	Excellent	Good	Average	Satisfactory	Remark		
11	Instructor's interest in student's progress was:	33	2	2	2	1	Objective Achieved - Outsatanding		
	P. 55. 135	82.50	5.00	5.00	5.00	2.50	Excellent (87.50%)		
		Outstanding	Excellent	Good	Average	Satisfactory	Remark		
12	Relevance of course content was:	30	5	3	2	0	Objective Achieved - Outsatanding		
		75.00	12.50	7.50	5.00	0.00	Excellent (87.50%)		
		Outstanding	Excellent	Good	Average	Satisfactory	Remark		
13	Please give overall rating of the course	31	4	3	2	0	Objective Achieved - Outsatanding		
		77.50	10.00	7.50	5.00	0.00	Excellent (NEE)(6)		

Overall Remark:- As per the feedback, study should be done by Projector & Exam to be taken online. Overall objective of the course has been achieved by the feedback given by the participants

| Overall Remark:- As per the feedback, study should be done by Projector & Exam to be taken online. Overall objective of the course has been achieved by the feedback given by the participants

A Report of

Add on Course

On

"Preclinical Issues" (AOC-DEP-PHA-PI)

March 1, 2022 to April 18, 2022

Coordinated by

Mr Monoj Kumar

Organized by



Department of B. Pharmacy

IDEAL College of Pharmacy

State- Maharashtra, (India)



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- 3. Q Sheet
- 4. Enrolled Students List
- 5. Attendance sheets of enrolled students
- 6. Certificates of eligible students
- 7. Student feedback for course
- 8. Course Session Photos



1. Add on Course Brochure



Affiliated by the Mumbai University & Approved by AICTE New Delhi, DTE Maharastra.

About the College

The Ideal College of Pharmacy & Research is one amongst the many successful ventures of Ideal College which has a reputation for pioneering in pursuit of academic excellence. The pharmaceutical industry is one of the fastest growing sectors with India becoming a destination for pharmaceutical and clinical trials. A career in the field of pharmaceutical sciences therefore holds tremendous promise for opportunities globally. The state-of-the-art infrastructure and instructional facilities of the College includes wellequipped laboratories, voluminous library, spacious lecture halls, playground, etc., all this makes the College a conducive place for learning that provides students with quality education in clean and comfortable environment.

Add-on



About the Course

A literature review provides context, informs methodology, maximizes innovation, avoids duplicative research, and ensures that professional standards are met. Literature reviews take time, are iterative, and should continue throughout the research process. By understanding the concepts of a literature review and following a few basic processes, students can enhance both the quality of their educational research and the likelihood of publication. Literature review forms the basis for high-quality medical education research and helps maximize relevance, originality, generalizability, and impact. Preclinical studies includes general principles of preclinical study design, preclinical drug evaluation of its biological activity, potency and toxicity-toxicity test in animals.



Preclinical Issues
(AOC-DEP-PHA-PI)

Ideal College of Pharmacy Department of B. Pharmacy Notice

Date: 17/08/2021

It is notified for all the students of the Second Year that the Department is going to organize Add-on Course on (AOC-DEP-PHA.IPR) "**Preclinical Issues**", for 4th Semester students for their benefits in the near future. The duration of the course will be off 35 contact hours which will be covered in 2 months.

Interested bonafide students are advised to register themselves. **The last date of registration is 27-02-2022**. If any Query regarding add on course contact to Mr Manoj Kumar.

Note:

- 1. The course is free of cost.
- 2. Minimum 70% attendance is mandatory.
- 3. The successful candidates will be issued certificates by the college.

Dr. Dileep Kumar BharatiHOD (Pharmacy)



2. About the Course

Course Name: Preclinical Issues (AOC-DEP-PHA-PI)

Course Summary: Review preclinical studies investigating the role of protein kinase C (PKC) in the role of mania and effective antimanic agents. We then discuss clinical studies conducted with tamoxifen, a relatively selective PKC inhibitor in acute bipolar mania. We conclude that PKC in an important target --arguably the first mechanistically distinct drug target for bipolar disorder. PKC holds considerable promise as a novel target for the development of a new line of treatments for bipolar disorder.

Enrollment Criteria:

- 1. Participants must be interested and engineering student (III Year Only)
- 2. Must provide the NOC if from other department.

Course Outcomes:

- The purpose of this subject is to provide a road map and practical recommendations for planning a literature review.
- To enhance both the quality of educational research and the likelihood of publication.
- To understand types of journals and journal finding, role of impact factor in selecting journal.
- > To understand various tools used in the writing of research or review articles.
- > To understand general principles of preclinical study design,

Course Outcomes & Program Outcomes Mapping:

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
CO1				3		3		3			3				3
CO2				3		3		3		3	3		3		
CO3										3			3		3
CO4										3			3		
CO5															
Target				3		3		3		3	3		3		3

Certification Criteria: Minimum 50% marks in Certification Exam and 70% attendance

Course Prerequisite:

- Understanding, defining and differentiating different types of intellectual properties (IPs) and their roles in contributing to organizational competitiveness.
- Understanding the Framework of Strategic Management of Intellectual Property (IP).
- Appreciating and appraising different IP management (IPM) approaches and describing how pioneering firms initiate, implement and manage IPM programs,
- Explaining how to derive value from IP and leverage its value in new product and service development

 | Principal | Principa
- Exposing to the Legal management of IP and understanding of real life practice of IPM.

Course Duration: 35 Hours **IDEAL College of Pharmacy Maharastra**

Course Outline:

Module	Contents	Hours
1	Research and review articles	7
2	Types of journals	7
3	Patents	7
4	Various tools used in the writing of research or review articles	7
5	Preclinical studies	7

References:

- 1. Judd LL, Akiskal HS, Schettler PJ, Endicott J, Maser J, Solomon DA, Leon AC, Rice JA, Keller MB. The long-term natural history of the weekly symptomatic status of bipolar I disorder. *Arch Gen Psychiatry*. 2002;59(6):530–7. [PubMed] [Google Scholar]
- 2. Goodwin FK, Jamison KR. Manic-Depressive Illness: Bipolar Disorders and Recurrent Depression. 2007 [Google Scholar]
- 3. Cerullo MA, Strakowski SM. The prevalence and significance of substance use disorders in bipolar type I and II disorder. *Subst Abuse Treat Prev Policy*. 2007;2:29. [PMC free article] [PubMed] [Google Scholar]
- 4. Fossey MD, Otto MW, Yates WR, Wisniewski SR, Gyulai L, Allen MH, Miklowitz DJ, Coon KA, Ostacher MJ, Neel JL, Thase ME, Sachs GS, Weiss RD. Validity of the distinction between primary and secondary substance use disorder in patients with bipolar disorder: data from the first 1000 STEP-BD participants. *Am J Addict*. 2006;15(2):138–43. [PubMed] [Google Scholar]
- 5. Zarate CA, Jr, Tohen M, Fletcher K. Cycling into depression from a first episode of mania: a case-comparison study. *Am J Psychiatry*. 2001;158(9):1524–6. [PubMed] [Google Scholar]
- 6. Sachs GS, Gardner-Schuster EE. Adjunctive treatment of acute mania: a clinical overview. *Acta Psychiatr Scand Suppl.* 2007;(434):27–34. [PubMed] [Google Scholar]



1. O Sheet

S.No	Activity	Duration	Date	Time
1.	various parts of review and research paper	1 Hour	March 01,2021	03:00 to 04:00 PM
2.	, Keywords, graphical abstract , material and methods	2 Hour	March 02,2021	02:00 to 04:00 PM
3	figures, tables, summary or conclusion	2 Hour	March 03,2021	02:00 to 04:00 PM
4	conflict of interest, reference writing	2 Hour	March 04,2021	02:00 to 04:00 PM
5	Abstract, Introduction, Literature Review	2 Hour	March 07,2021	02:00 to 04:00 PM
6	result and discussion, conclusion and bibliography	2 Hour	March 08,2021	02:00 to 04:00 PM
7	journal finding, role of impact factor in selecting journal	2 Hour	March 16,2021	02:00 to 04:00 PM
8	language and effective writing on the article selection	2 Hour	March 17,2021	02:00 to 04:00 PM
9	plagiarism check and its importance	2 Hour	March 20,2021	02:00 to 04:00 PM
10	citations, h index, I 10 index	2 Hour	March 21,2021	02:00 to 04:00 M

Preclinical Issues

March 0	1, 2022 to April 18, 2022	(AOC-DEP-PHA PI)				
11	use of MS words, PubMed.	2 Hour	March 23,2021	02:00 to 04:00 PM		
12	, Mendley software, google search, google scholar	2 Hour	March 24,2021	02:00 to 04:00 PM		
13	google docs, google slides	2 Hour	April 12, 2021	02:00 to 04:00 PM		
14	Computer and its role in research,	2 Hour	April 13, 2021	02:00 to 04:00 PM		
15	Computers in Preclinical Development, General Principles	2 Hour	April 14, 2021	02:00 to 04:00 PM		
16	Preclinical drug evaluation of its biological activity	2 Hour	April 15, 2021	02:00 to 04:00 PM		
17	animals including acute, sub-acute and chronic toxicity,	2 Hour	April 16, 2021	02:00 to 04:00 PM		
18	general concepts and principles in relation to the design	2 Hour	April 17, 2021	02:00 to 04:00 PM		
19	screening of new substances for the pharmacological activity	2 Hour	April 18, 2021	02:00 to 04:00 PM		



2. Enrolled Students List

S. N.	Reg. No	Name	E-Mail ID		
1	PH19412675	SABALE MAYUR JAYDEO	mayursable999@gmail.com		
2	PH19413121	PATIL CHANDAN VASANT	patilchandan555@gmail.com		
3	PH19413758	DESHMUKH RAHUL RAJIV	deshmukhrahul481@gmail.com		
4	PH19413839	PATIL MRUNALI BALKRUSHNA	mrunalipatil4738@gmail.com		
5	PH19413867	SHAIKH SAYMA SAMIR	saymashaikh133@gmail.com		
6	PH19414707	GUPTA RITIK RAKESH	guptaritik9936@gmail.com		
7	PH19414849	DALVI SIDDHI BHAGWAN	Siddhibhagwndalvi2000@gmail.com		
8	PH19415394	JADHAV DISHA NILESH	dishajadhav771@gmail.com		
9	PH19415571	SHETE PUNAM KALURAM	punamshete012@gmail.com		
10	PH19416477	PASHTE ROSHAN ARUN	pashteroshan45@gmail.com		
11	PH19416601	GHARAT DHARAM ATUL	Dharamgharat33@gmail.com		
12	PH19417088	SARVESH WAGH	sarveshwagh61@gmail.com		
13	PH19417771	PATIL DIVYA VILAS	divyapatil1202@gmail.com		
14	PH19419398	SHELAR HARISH KRUSHNA	harishshelar9876@gmail.com		
15	PH19421139	PATIL RIYA RAVINDRA	patilriya2001@gmail.com		
16	PH19421920	AHER PREETI VILAS	preetiaher2873@gmail.com		
17	PH19428437	CHAUHAN PREETI MANGAL	preeti26502@gmail.com		
18	PH19431419	VANGAD UDAY MANGESH	udayvangad369@gmail.com		
19	PH19431854	GAONKAR BHAKTI ANIL	Bhaktigaonkar2000@gmail.com		
20	PH19433681	SHEGADE SUYASH SURYAKANT	suyashshegade1892@gmail.com		
21	PH19434309	SHAIKH FIZA FAIROJ	shaikhfiza@gmail.com		
22	PH19434464	BHOIR TANVI GANESH	tanvibhoir2001@gmail.com		
23	PH19436584	SHIROSE PANKAJ SURESH	shiroshepankaj@gmail.com		
24	PH19436628	PATHAK SHREYASH RAKESH	shreyashpathak.31@gmail.com		



3. Attendance sheets of Enrolled students

PH19421139 | PATIL RIYA RAVINDRA

AHER PREETI VILAS

CHAUHAN PREETI

PH19421920

PH19428437

IDEAL College of Pharmacy Maharashtra Department of B. Pharmacy V Sem. Add on Course on: Intellectual Property Rights **Attendance** S. N. Reg. No Name Day 1 Day 2 Day 3 Day 4 Day 5 Day 6 PH19412675 | SABALE MAYUR JAYDEO 2 PH19413121 | PATIL CHANDAN VASANT 3 DESHMUKH RAHUL RAJIV PH19413758 PATIL MRUNALI PH19413839 BALKRUSHNA 5 PH19413867 SHAIKH SAYMA SAMIR 6 PH19414707 **GUPTA RITIK RAKESH** PH19414849 DALVI SIDDHI BHAGWAN PH19415394 JADHAV DISHA NILESH 9 PH19415571 SHETE PUNAM KALURAM 10 PH19416477 PASHTE ROSHAN ARUN 11 PH19416601 **GHARAT DHARAM ATUL** 12 PH19417088 SARVESH WAGH 13 PH19417771 PATIL DIVYA VILAS 14 PH19419398 SHELAR HARISH KRUSHNA 15

_	Report of Add on Course from Preclinical Issues								
Ma	March 01, 2022 to April 18, 2022								
		MANGAL							
18									
10	PH19431419	VANGAD UDAY MANGESH							
19	PH19431854	GAONKAR BHAKTI ANIL							
20		SHEGADE SUYASH							
	PH19433681	SURYAKANT							
21	PH19434309	SHAIKH FIZA FAIROJ							
22	PH19434464	BHOIR TANVI GANESH							
23	PH19436584	SHIROSE PANKAJ SURESH							
24		PATHAK SHREYASH							
	PH19436628	RAKESH							



Report of Add on Course from March 01, 2022 to April 18, 2022

4. Marks of Eligible Candidate

S. N.	Reg. No	Name	Q1(10)	Q2(10)	Q3 (10)	Total (30)
1	PH19412675	SABALE MAYUR JAYDEO	7	8	5	20
2	PH19413121	PATIL CHANDAN VASANT	5	7	8	20
3	PH19413758	DESHMUKH RAHUL RAJIV	6	9	9	24
4	PH19413839	PATIL MRUNALI BALKRUSHNA	5	6	9	20
5	PH19413867	SHAIKH SAYMA SAMIR	4	5	9	18
6	PH19414707	GUPTA RITIK RAKESH	7	8	5	20
7	PH19414849	DALVI SIDDHI BHAGWAN	5	7	8	20
8	PH19415394	JADHAV DISHA NILESH	8	8	9	25
9	PH19415571	SHETE PUNAM KALURAM	5	9	8	22
10	PH19416477	PASHTE ROSHAN ARUN	5	5	8	18
11	PH19416601	GHARAT DHARAM ATUL	4	8	5	17
12	PH19417088	SARVESH WAGH	7	7	5	19
13	PH19417771	PATIL DIVYA VILAS	8	5	2	15
14	PH19419398	SHELAR HARISH KRUSHNA	6	2	4	12
15	PH19421139	PATIL RIYA RAVINDRA	5	2	7	14
16	PH19421920	AHER PREETI VILAS	8	5	8	21
17	PH19428437	CHAUHAN PREETI MANGAL	7	8	5	20
18	PH19431419	VANGAD UDAY MANGESH	5	7	8	20
19	PH19431854	GAONKAR BHAKTI ANIL	6	9	9	24
20	PH19433681	SHEGADE SUYASH SURYAKANT	5	6	9	20
21	PH19434309	SHAIKH FIZA FAIROJ	4	5	9	18
22	PH19434464	BHOIR TANVI GANESH	1	8	9	18
23	PH19436584	SHIROSE PANKAJ SURESH	7	7	9	23
24	PH19436628	PATHAK SHREYASH RAKESH	5	9	10	24



5. Certificate:



OF COMPLETION

THE FOLLOWING AWARD IS GIVEN TO

PAREKAR PRANJALI RAMESH

Student of VI Semester Registration Number PH17169669 for successfully completing the 35hour course on Literature Review and Preclinical Studies

Dr. Umesh Latan HOD, (Pharmacy)

Ms Anshadha Prajapati
Coordinator



8. Photos





Feedback Analysis:

Feed Back Questions	Excellent (5)	Very Good (4)	Good (3)	Poor (2)	Very Poor (1)
The course as a whole was:					
The course content was:					
The instructor's contribution to the course was:					
The instructor's effectiveness in teaching the subject matter was:					
Course Organization was:					
Explanations by instructor were:					
Instructor's use of examples and illustrations was:					
Student's confidence in instructor's knowledge was:					
Answers to student questions were:					
Availability of extra help when needed was:					
Instructor's interest in student's progress was:					
Relevance of course content was:					
Please give overall rating of the course					

Please comment on the strength of the course and the way it was conducted.
Please comment on the weakness of the course and the way it was conducted.
rease comment on the weakness of the course and the way it was conducted.
Please give suggestions for the improvement of the course.

Optional – Your name and contact address.

Report of Add on Course from March 01, 2022 to April 18, 2022

Preclinical Issues

		Total Feed Back					40
Sr.no.	Attributes	>80%	6 Objective	Achieved,	60 to 79 %- 5	Satisfactory, Be	low 60%, Need improvement
		Outstanding	Excellent	Good	Average	Satisfactory	Remark
1	The course as a whole was:	32	6	2	0	0	Objective Achieved - Outsatanding &
		80.00	15.00	5.00	0.00	0.00	Excellent (95.00%)
		Outstanding	Excellent	Good	Average	Satisfactory	Remark
2	The course content was:	30	4	4	2	0	Objective Achieved - Outsatanding &
		75.00	10.00	10.00	5.00	0.00	Excellent (85.00%)
	The instance of contribution to the	Outstanding	Excellent	Good	Average	Satisfactory	Remark
3	The instructor's contribution to the course was:	28	10	1	1	0	Objective Achieved - Outsatanding &
		70.00	25.00	2.50	2.50	0.00	Excellent (95.00%)
	The instructor's effectiveness in	Outstanding	Excellent	Good	Average	Satisfactory	Remark
4	teaching the subject matter was:	26	10	2	2	0	Objective Achieved - Outsatanding &
		65.00	25.00	5.00	5.00	0.00	Excellent (90.00%)
		Outstanding	Excellent	Good	Average	Satisfactory	Remark
5	Course Organization was:	29	8	3	0	0	Objective Achieved - Outsatanding &
		72.50	20.00	7.50	0.00	0.00	Excellent (92.50%)
	Explanations by instructor were:	Outstanding	Excellent	Good	Average	Satisfactory	Remark
6		28	6	3	3	0	Objective Achieved - Outsatanding &
		70.00	15.00	7.50	7.50	0.00	Excellent (85.00%)
	Instructor's use of examples and	Outstanding	Excellent	Good	Average	Satisfactory	Remark
7	illustrations was:	27	7	2	3	1	Objective Achieved - Outsatanding &
		67.50	17.50	5.00	7.50	2.50	Excellent (85.00%)
	25 2 55 22 5	Outstanding	Excellent	Good	Average	Satisfactory	Remark
8	Student's confidence in instructor's knowledge was:	31	6	2	1	0	Objective Achieved - Outsatanding &
	knowledge was.	77.50	15.00	5.00	2.50	0.00	Excellent (92.50%)
		Outstanding	Excellent	Good	Average	Satisfactory	Remark
9	Answers to student questions were:	29	6	4	1	0	Objective Achieved - Outsatanding &
		72.50	15.00	10.00	2.50	0.00	Excellent (87.50%)
		Outstanding	Excellent	Good	Average	Satisfactory	Remark
10	Availability of extra help when needed was:	32	4	4	0	0	Objective Achieved - Outsatanding &
	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	80.00	10.00	10.00	0.00	0.00	Excellent (90.00%)
	Instructor's interest in student's	Outstanding	Excellent	Good	Average	Satisfactory	Remark
11	progress was:	31	4	4	1	0	Objective Achieved - Outsatanding &
	in-	77.50	10.00	10.00	2.50	0.00	Excellent (87.50%)
		Outstanding	Excellent	Good	Average	Satisfactory	Remark
12	Relevance of course content was:	30	6	4	0	0	Objective Achieved - Outsatanding &
		75.00	15.00	10.00	0.00	0.00	Excellent (90.00%)
		Outstanding	Excellent	Good	Average	Satisfactory	Remark
13	Please give overall rating of the course	28	5	4	3	0	Objective Achieved - Outsatanding &
		70.00	12.50	10.00	7.50	0.00	Excellent (82.50%)
							INSTID

Overall Remark:- As per the feedback, study should be done by Projector & Exam to be taken online. Overall objective of the course has been achieved by the feedback given by the participants

Principal Igeal Instituto of Phar Wada, Palghar