



School of Pharmacy

Minutes of 4th BOS meeting for Bachelor of Pharmacy held on 10 of (2020)

The 4th BOS meeting of School of Pharmacy for Bachelor of Pharmacy, was held on 10/05/2020 at 2:00 PM by Online Webinar Conferencing, in view of the COVID pandemie. The following were present-

- 1. Prof. A. Balasubi amaniam- Chairman
- 2. Prof. Subodh Dubey- Senior Member
- 3. Mrs. Rituparna Roy- Member
- 4. Mr. Anurag Agrawal- Member
- 5. Mr. Nem Kumar Jain- Member
- 6. Mr. Shiyam Tayal- Member
- 7. Mr. Manoj Kushwaha- Member
- 8. Mr. Hero Khan Member
- 9. Ms. Priyanka Kesari
- 10. Prof. Suman Jain, Professor and Head Department of Pharmacy External expert

Prof. Suman Jain Professor and Head Department of Pharmacy - External expert and the Chairman welcomed all the members, and briefed about various agenda items which were to be discussed.

Agenda 1. "To discuss about undoing of minor changes/ reshuffling in PCI syllabus, that was incorporated in the last BoS meeting".

Matter was discussed and debated and it was unanimously decided to adopt sylladus proposed by Pharmacy Council of India as notified in latest gazette in total, while maintaining the decisions of the 3rd BoS on the internal and external assessment component, based on progressive evaluation (PE), weightage for project-based learning (PBL), weightage for regularity, sincerity and viva in practical classes. Marks distribution of 60% weightage for external and 40% weightage for internal assessment/ evaluation, and securing at least 50% marks cumulative to pass both in external as well as internal assessment.

Agenda 2. "To discuss inclusion of a non-University exam, credit course of Fine Arts and Humanities"

Matter was discussed at length, keeping in view of the all-round development of the students, an attempt is to be made to develop the sensitive faculty of the students with abundance of enthusiasm and energy. Thus, attempting to establish Emotional Quotient (EQ) in each student. It was therefore decided to include a Non-University Exam- credit Course of Fine Acts/Humanities, of the choice of students of First year and Second year only. With Credits limited to 4 for two years.



Agenda 3. "To discuss inclusion of a non-University exam credit course of Online Courses related to the field of Pharmacy"

The pandemic has forced us to rethink on modalities and options available to expose our students to a wide range of educational materials related to Pharmacy, available caline on various platforms as Coursera, MOOCs (Massive Online Open Courses), Swayam, Udana, e- Pathshala, Harward Online Courses, In-House courses, etc. It was therefore decided that the students of III year and Final Year will have to take online courses related to Pharmacy, Medical Sciences and Health industries limited to 4 credits for two years, and submit Certificate as proof

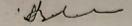
Syllabus of Following new courses and approved courses are attached in annexure I

BPharm	BP-113T, .	Fine art and Music-I
BPharm	BP21iT	Fine art and Music II
BPharm	BP309T	Fine art and Music III/online certification course
BPharm.	BP410T	Fine art and Music IV/ online certification course (410T)
BPharm	BP509T	Online certified courses related to Pharmacy I*
BPharm'	BP610T·	Online certified courses related to Pharmacy II
B <mark>Pharm</mark>	BP707T	Online certified courses related to Pharmacy III
BPharm	BP814T	Online certified courses related to Pharmacy IV

Agenda 4. "Any other item with the permission of chair"

As none were discussed, the meeting ended with a vote of thanks to the invited expert and the members present





Prof. A. Balasubramaniani- Chairman

Prof. Subodh Dubey- Senior Member

Mr. Anurag Agrawal- Member

Mr Shivam Tayal- Member

Mr. Hero Khan - Member

Ms Priyanka Kesari

, · Prof. Suman Jain - Laternal expert

Mrs. Rituparna Roy- Member

Mr. Nem Kumar Jain- Member

Mr. Manoj Kushwah- Member

Mrs Ekta Khare- Member

ITM University Gwalior (M.P.)



Minutes of 2nd BOS for Diploma in Pharmacy meeting held on 10/05/2020

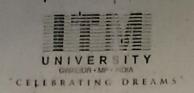
The 2nd BOS meeting of School of Pharmacy for Diploma in Pharmacy, was held on 10/05/2020 at 2:30 PM by Online Webinar Conferencing, in view of the COVID pandemic. The following were present-

- 1. Prof. A. Balasubramaniam- Chairman
- 2. Prof. Subodh Dubey- Senio: Member
- 3. Mrs. Rituparna' Roy- Member
- 4. Mr. Anurag Agrawal- Member
- 5. Mr. Nem Kumar Jain- Men ber
- 6. Mr. Shivam Tayal- Member
- 7. Mr. Manoj Kushwah- Member
- 8. Mr. Hero Khan Member
- 9. Ms. Priyanka Kesari
- 10. Prof. Suman Jain, Professor and Head Department of Pharmacy External expert

Prof. Suman Jain Professor and Head Department of Pharmacy - External expert and the Chairman welcomed all the members, and briefed about various agenda items which were to be discussed.

Agenda 1. "To discuss the acceptance of large Medical Stores as centers for 500 hours training in lied of Pharmacies at Government Hospitals, when not available".

Matter was discussed and debated and it was unanimously decided to accept 500 hours or three months of training in Government Hospitals, large medical stores or Private Hospitals of good repute.



Agenda 2. "Any other item with the permission of chair"

As none were discussed, the meeting ended with a vote of thanks to the invited expert and the members present. . .

Prof. A. Balasubramaniam - Chairman

Prof. Subodh Dubey- Senior Member

Mr. Anurag Agrawal- Member

Mr Shivam Tayal- Member

Mr. Hero Khan - Member

Ms Priyanka Kesari

Prof. Suman Jun - External expert

Mrs. Rituparna Roy- Member

Mr. Nem Kumar Jain- Member

Mr. Manoj Kushwah- Wember

Mrs Ekta Khare- Mender

ITM University Gwalior (M.P.)





Minutes of 2nd BOS meeting for Master of Pharmacy held on 10/05/2020

The 2nd BOS meeting of School of Pharmacy for Master of Pharmacy, was held on 10/05/2020 at 3:00 PM by Online Webinar Conferencing, in view of the COVID pandema. The following were present-

- 1. Prof. A. Balasubramaniam- Chairman
- 2. Prof. Subodi Dubey- Senior Member
- 3. Mrs. Rituparna Roy- Member
- 4. Mr. Anurag Agrawal- Member
- 5. Mr. Nem Kumar Jain- Member
- 6. Mr. Shivam Tayal- Member
- 7. Mr. Manoj Kushwah- Member
- 8. Mr. Hero Khan Member
- 9. Ms. Priyanka Kesari
- 10. Prof. Suman Jain, Professor and Head Department of Pharmacy External expert

Prof. Suman Jain Professor and Head Department of Pharmacy - External expert and the Chairman welcomed all the members, and briefed about various agenda items which were to be discussed.

Agenda 1. "To discuss inclusion of a non-University exam credit course of Online Courses related to the field of Pharmacy"

The pandemic has forced us to rethink on modalities and options available to expose our students to a wide range of educational materials related to Pharmacy, available on the on various platforms as Coursera, MOOCs (Massive Online Open Courses), Swayam, Udenay, e- Pathshala, Harward Online Courses, In-House courses, etc. It was therefore decided that the students of I Semester and II Semester will have to take online courses related to his prope ed research in Pharmacy, Medical Sciences and Health industries limited to 4 credits in the first year, and submit Certificate as proof

Syllabus of Following new courses and approved courses are attached an annexure I

M.Pharm MPH 107T Online Certificate Course

M.Pharm MPH 207T Online Certificate Course



Agenda 2. "To discuss inclusion of a non-University exam, credit offered for a Scientific Publication related to his field, in a reputed journal"

Matter was discussed at length, to make at least one quality research publication, as a compulsory credit-based component, keeping in view of promoting quality research that could be shared with the scientific community. Therefore, each student would have to have a research publication . in a reputed journal as a mandatory condition for the award of Degree, which would be awarded 4 credits' in the final year.

Agenda 3. "Any other item with the permission of chair"

It was suggested by Prof Suman Jain the External Subject expert to get in to a Memorandum of Understanding with Jiwaji University for the utilization of Sophisticated Instruments at Jiwaji University, free of cost to our faculty and research students.

Prof. A. Balasubramaniam- Chairman

Prof. Subodh Dubey- Senior Member

Mr. Anurag Agrawal- Member

Mr Shivam Tayal- Member

Mr. Hero Khan - Member

Ms Priyanka Kesari

Prof. Suman Jain - External expert

Mrs. Rituparna Rox - Member

Mr. Nem Kumar Jan - Member

Mr. Manoj Kushwah Member

Carla.

Mrs Ekta Khaie- Manber



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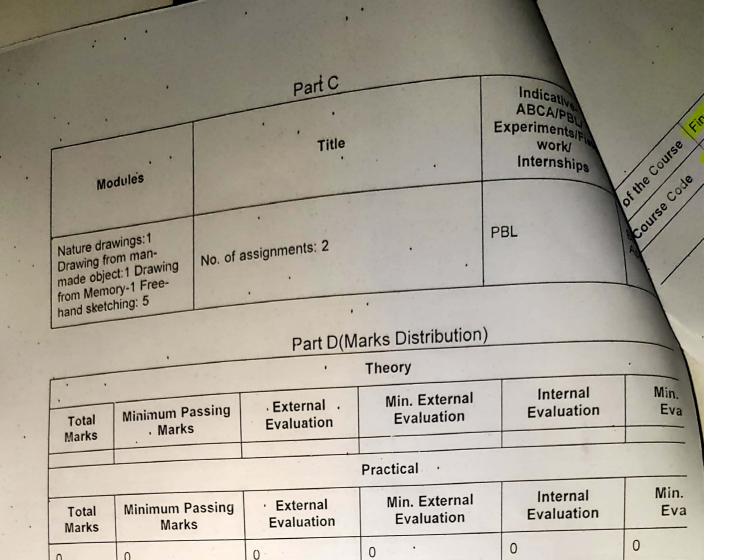
Title of the Cours	e Fine art and Music-I *	Fine art and Music-I *										
Course Code	BP-113[T]			-	-							
		Part A										
Year	Semester		Credits	L	T	Р	С					
Course Type	Theory only .	•		1	0	0	1					
Course Category	Generic Elective											
Pre-Requisite/s			Co-Requisite/s									
Course Outcomes & Bloom's Level	co1- Drawing exercises a in free hand drawing exercises visual perspective, suggest variety of visual experience.	tion of colidity by	rate observation and sk	ills of goporti	graphic on, vol e; empl	preser ume an	ntation id					
Coures Elements	Skill Development ✓ Entrepreneurship ✓ Employability ✓ Professional Ethics × Gender × Human Values × Environment ✓	SDG (Goals)	SDG8(Decent work ar SDG17(Partnerships f	id eco	nomic goals)	growth)					

Modules	Contents	Pedagogy	Hours
)Study of proportion, line, colour, form, tone, texture and graphic representation	Lecture based learning	10
	Nature Drawing: study of various natural forms.	class out of classroom	08
	Drawing from various man-made objects.	class out of classroom	07
	d)Drawing from memory- to develop the sense of observation and the capacity to retain and recal! images and their coordination.	active learning	05

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Dr. Omveer Singh REGISTRAIL ITM University Gwalior (M.P.)

TM University Gwalior, Madhya Pradesh



Part E

Books	Color and Light: A Guide for the Realist Painter (Volume 2) (James Gurney Art)
Articles	https://shepherd.com/best-books/art-references-for-drawing-the-human-figure
References Books	Let's Draw! Illustrating With Copic Book by Ran; KAOPPE; Kirishima Mutsuki (she as drawing-reference)
MOOC Courses	https://www.nifafinearts.com/course.php?id=29
Videos	https://www.youtube.com/results?search_query=drawing

Course Articulation Matrix

COs	P01	P02	PO3	PO4	PO5	P06	P07	PO8	PO9	PO10	PO11 ·	PO12	PSO1	PSO2	PSC
201	1	-	1	-	-	-	-	-	-	-	2		-		-
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tle o	f the Course	Fine	art and Music II *									
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	Year		. Semester				Credits		1	0	0	1
Cour	rse Type	The	ory only .			-			_			
Course	Category	Gen	eric Elective	•					_	·-		_
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	Outcomes n's Level	CO2	- Study of two-dimensions - Study of three-dimension erstand)	al sp nal s	ace and its of pace and its	org	ganizational pos	sibilities	(BL2	2-		
Coures	Skill Development / Entrepreneurship × Employability × Professional Ethics × Gender × Human Values × Environment ×				DG (Goals)		SDG4(Quality	educatio	on)			
				Par	t B					•		- 100
Mod	ules		Contents				Pedagog	У		Н	ours	
				Par	t C							
Modules			Title		Indicative-ABCA/PBL/			Bloom's Level H			ours	
1	2-D Design	2 3-1	Design: 2		Experimen	BL3-Apply 5			5			

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Gwalior (M.P.)

131

Part D(Marks Distribution) Theory' Min. External Internal External Minimum Passing Total . Evaluation **Evaluation** Evaluation Marks Marks 8 10 25 13 15 'Practical Total Minimum Passing Min. External External Internal Marks Marks Evaluation **Evaluation** Evaluation Evalu

	Part E
Books	le Design Basics 2d and 3d 3e Pentak Roth Published by Cengage Learning, 2012 ISBN 10: 1111833923ISBN 13: 9781111833923
Articles	NA .
References Books	Design Basics: 2D and 3D (with CourseMate Printed Access Card) Pentak, Stephen,Roth, Richard,Lauer, David A. ISBN 10: 0495909971 / ISBN 13: 9780495909972
MOOC Courses	Richard, Lauer, David A. ISBN 10: 0495909971 / ISBN 13: 9780495909972 https://www.coursera.org/specializations/graphic-design
Videos	https://www.youtube.com/watch?v=cYzbStq5lWs

COs.	P01	PO2	PO3	DO 1		Col	urse A	rticula	ation N	//atrix					
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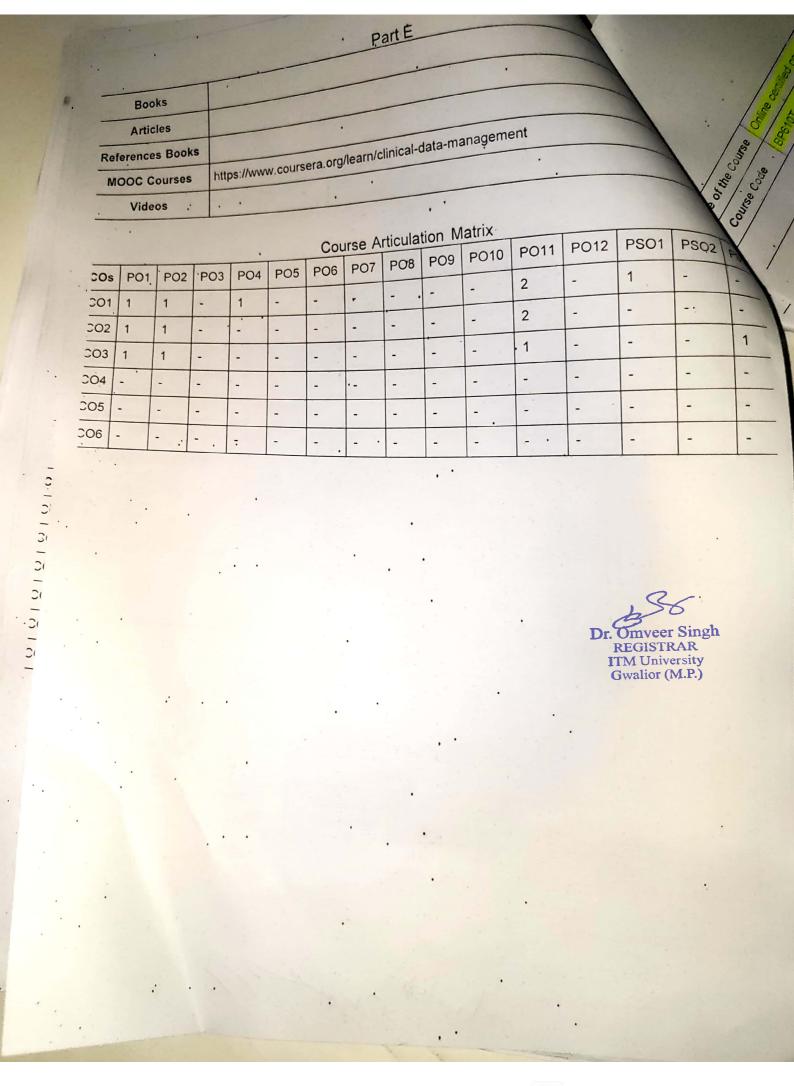
itle of the Course	Fine art	and Music III/online c	Crunoque					1
Course Code	BP3097	r						
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Year		Semester			Credits	0	0	1
Course Type	Theor	y only					-	
Course Category	Gene	ric Elective			•			
Pre-Requisite/s	-	Study of two-dimension			Co-Requisite			
Course Outcomes & Bloom's Level	Unde	nsional space and its of Study of three-dimenserstand)		1				
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itle of the	Course	Fine art and	Music IVI onlin	e certification cou	ırse *					
Course (BP410T								-
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				Part B						-
	ılo c		Content	is		Pedagogy			Hours	
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Modu			Part D	Theory			-	-		11
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· (SOP)(BPharm)

we of the Course Online certified courses related to Pharmacy II * Course Code **BP610T**

·		Part A					
Year	Semester		Carallia	L	T	P	С
Tear	Semester		Credits	1	0	0	1
Course Type	Online course ·						
Course Category	Skill Enhancement Courses						
Pre-Requisite/s			Co-Requisite/s				
Course Outcomes & Bloom's Level	CO1- Explore the clinical tri regulatory frameworks for m	al process, the basedical treatment	asics of good clinical prand testing.(BL2-Unde	actice rstan	, and d)	the hist	tory of
Coures Elements	Skill Development ✓ Entrepreneurship ✓ Employability ✓ Professional Ethics X Gender X Human Values ✓ Environment X	SDG (Goals)	SDG3(Good health ar SDG4(Quality educati	g)			

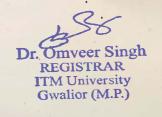
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Gwalior (M.P.)

Maded	Contents	Pedagogy
Modules	Contents	-gogy .
	In Module One you'll learn the basics of what a clinical trial is. You'll hear from investigators, patients, and sponsors about the benefits of clinical trials, and you'll learn about the drug discovery process.	online States
	In Module Two we'll focus on some important rules and regulations. You'll find out why good clinical practice matters and learn about the history of regulatory frameworks for medical treatment and testing. We'll also explore some clinical trial definitions, look at informed consent, talk about risk, and discuss data integrity.	online 10
	In Module Three we'll explore how research in clinical trials makes a difference. We'll also walk you through what medical teams and patients must do to become involved, You'll learn about the importance of diversity in clinical trials, inclusion and exclusion criteria, and we'll hear from some patients who'll tell us how they experienced the trial process.	online 10

Modules	Par	tC		
	Foundamental of good clinical practices	Indicative-ABCA/PBL/ Experiments/Field work/ Internships	Bloom's Level	Hours
		· · · · · · · · · · · · · · · · · · ·	BL2-Understand	10

Part D(Marks Distribution)

Total Marks	Minimum Passing Marks		Theory Min. External Evaluation	Internal Evaluation	Min. Internal Evaluation
Total	Minimum Passing	External	Practical Min. External Evaluation	Internal	Min. Internal
Marks	Marks	Evaluation		Evaluation	Evaluation



	Part E
oks oks	World Health Organization. Handbook for good clinical research practice (GCP): guidance for implementation.
Articles	https://www.ncbi.nlm.nih.gov/pmc/articles/PMC3097692/
erences Books	Guideline IH. Guideline for good clinical practice. J Postgrad Med 2001;47(3):199-203.
MOOC Courses	https://nptel.ac.in/
Videos	kcl tutorial

	Course Articulation Matrix Course Pot Pos											PSC			
cos	PO1	PO2	РО3	P04	PO5	P06	P07	PO8	PO9	PO10	PO11	1012	1	2.	3
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(SOP)(BPharm)

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Coures Elements Entrepi Employ Profess Gender Human			Skill Development ✓ Entrepreneurship × Employability ✓ Professional Ethics × Gender × Human Values × Environment ×			SDG3(Good health and well-being) SDG4(Quality education)					
					Part B						
Modu	iles			Contents	, all b		Deal			•.	
		students different	s may	opt the Course orms	offered by	Blended	Pedagogy			Но	urs
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		1	1.7	Part D	(Marks Distrik	oution)					
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Total			ractical	
Total Marks	Minimum Passing Marks	External Evaluation	Min. External Evaluation	Internal Evaluation Evaluation
				Dr. Omveer Singh
				REGISTRAR ITM University Gwalior (M.P.)

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MOOC Courses https://nptel.ac.in/															
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COs	PO1	PO2.	PO3	PO4	PO5	P06	.P07	PO8	-	-	3		.1	2	3
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(SOP)(BPharm)

Tim	
Title of the Course	Online certified courses related to Pharmacy IV *
Course Code	BP814T

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		Part A					1
Year	Semester		Credits	L	T	P	1
Course Type	Theory only		Ordans	1	0	0	0
Course Category	Discipline Specific Electi						1
Pre-Requisite/s	Pecific Electi	ve ·	•				-
Course Outcomes & Bloom's Level	CO1- Learn new concept CO2- To apply the pharm CO3- Gain a foundational hands-on projects (BL3-ASKIII Development ASKIII Development ASKIII Development	ots from industry ma skill in acade	experts(BL2-Understa	and) BL3-Ar	(ylac		
Coures Elements	Skill Development ✓ Entrepreneurship × Employability ✓ Professional Ethics × Gender × Human Values × Enviroriment ×	SDG (Goals)	SDG3(Good health ar SDG4(Quality educati SDG9(Industry Innova	nd well-	-beina)	·	

Modules	Part B		
1	Contents		
	Pharmacoeconomics in Drug Development, Intellectual Property Strategy & BioSimilars	Pedagogy	Hours
2 .	I Marketing Phase	Blended learning	8 .
	Strategy Strategy	Blended learning	0
3	Strategic Alliances in Academia, Pharma		8.
•	and Biotech, Business Models and Portfolio Management	Blended learning	8
1	Academic Industry partnership "Various models, Various outcome		0
•	models, Various outcomes, From Start up to Success in Biotech	Blended learning	8
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