tes of meeting Board of Study Clinical Research held on August 10, 2018 at 10:30 am in the 2nd Floor, Conference hall, Department of Academics, IK Gujral Punjab Technical University, main campus Kapurthala.

The following member were present:

Dr. G.D Gupta, ISFCP, Chairperson Dr. Malkit Singh, PGIMER, Chandigarh, Member Dr. Gaurav Bhargava, IKGPTU, Main Campus, Member Dr. Nitin Bansal, ASBASJSMCP, Bela, Member Dr. Chander Prakash, IKGPTU, Main Campus, Member Er. Navdeepak Sandhu, IKGPTU, Main Campus, Member Er. Gazal Sharma, Assistant Professor, IKGPTU Main Campus (Special Invitee) Dr. Sabir Sidhu, IKGPTU, Main Campus, Member-cum-Convener

The following members could not attend the meeting :

Dr. R.K Dhawan, KCP, Amritsar, Member Dr. Kanwaljit Chopra, UIPS, PU, Chandigarh, Member Dr. Rupinder Kaur Sodhi, CCP, Landran, Member Dr. Amit Kumar Goyal, ISF, Moga, Member Dr. Akash Pethekar, AICR, Chandigarh, Member Dr. Pramod Kumar, PGIMER, Chandigarh, Member Dr. Dharinder Tayal, AICR, Chandigarh, Member

The Chairman of BOS Clinical Research welcomed all the present members.

The board took the agenda and discussed the following:

- The Study Scheme of M.Sc. Clinical Research, 1st Semester, Batch 2018 was discussed and finalized as Annexure-A
- The curriculum / Syllabus of M.Sc. Clinical Research, 1st Semester, Batch 2018 was discussed and finalized as Annexure-B.
- The pattern of question papers, Internal Examination question paper pattern was also discussed and finalized as Annexure-C
- The eligibility of M.Sc. Clinical Research was ratified as under "Graduation with minimum 50% marks in Life Science / Sciences / Medical Sciences / Pharmacy".

The meeting ended with the vote of thanks.

Dr. G.D Gupta

10/08/18 Nitin Bansal

Dr. Gaurav Bhargava

Dr. Chander Prakash 10 8 18 Er. Navdeepak Sandhu

Er. Gazal Sharma Dr. Sabir Sidhu

Sr. No.	Name & Address	Contact Number	E-Mail I.D.	Signature
0	Dr. G. D. Gupta	814656 2883	dogeda @ Rediffmeilr Com	tu-
02	Dr-Malkit Srgt	98555 03098	drimalhitpgi @gmail.com	Mall
03.	Dr Nitin Bansal	7696017168	mitind sp @ rediff hail.com	UPon 10/18/11
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First Semester

Course Code	Course Type	Course Name	Load			Marks		Credits	
MSCR	Foundation Course	Foundation Course	L	Т	Р	Internal	External	Total	Creans
101-18		roundation Course	3	1	-	30	70	100	4
MSCR	Core Theory	Fundamentals of	-	1	1 150				
102-18		Clinical Research	3	1	-	30	70	100	4
MSCR	Core Theory	Pharmacology	1						
103-18		- main acorogy	3	3 1	-	30	70	100	4
MSCR	Core Practical	Clinical Research	-		- 4	30	20	50	
104-18		Lab							2
MSCR	Ability	Professional	2	-	-	10			
105-18 MSCD	Enhancement	Communication	-	1994		15	35	50	2
MSCR 106-18	Skill	Seminar/Journal Club	100279	100	4	50		TIOS STREET	
	Enhancement					50		50	2
MSCR XXX	Discipline Specific	Elective -I	2	-	-	15	2.5		A CARLES IN
The second s	Elective Theory					15	35	50	2
MSCR YYY	Generic Elective	Elective –II	2		-	15	20		
111	Theory					15	35	50	2
		Total	15	T	8	215	175		
				vennet.		215	335	550	22

Discipline Specific Elective Theory (Elective-I)

Subject Code MSCR 111-18	Subject Name
MSCR 112-18	Human Biology
MSCR 112-18 MSCR 113-18	Ethics in Clinical Research
MSCR 113-18	Different Systems of Medicine

Generic Elective Theory (Elective-II)

10/0/18

Subject Code MSCR 114-18	Subject Name
MSCR 115-18	Pharmacokinetics
MSCR 115-18	Alternatives in Toxicity Testing

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MSc. Clinical Research

Duration of course	Two Academic Years
Maximum duration for course completion & award of degree	4 Years
Eligibility	Graduation with minimum 50% marks in Life Sciences/Sciences/Medical Sciences/Pharmacy
Attendance Requirement	75%
Examination System	Semester
Marks Allocation	 Theory courses of 04 credits = 100 marks Theory courses of 02 credits = 50 marks Practical courses of 04 credits = 50 marks
Minimum marks for passing examination	A student shall not be declared to have passed examination unless he/she secures at least 40% marks in each of the subjects separately for end semester exam and sessional exam.

Sessional Exams

- The number sessional exams and criteria for computation i.e. average marks or best of sessional exams conducted shall be according to guidelines provided by Academic Council IKG-PTU from time to time.
- Theory courses having internal assessment of 30 marks: Sessional exam shall be conducted for 30marks for theory and shall be computed for 20 marks. The remaining 10 marks for attendance, assignments, discipline, class performance, quiz etc.
- Theory courses having internal assessment of 15 marks: Sessional exam shall be conducted for 20marks for theory and shall be computed for 10 marks. The remaining 05marks for attendance, assignments, discipline, class performance, quiz etc.

Question Paper Pattern for Theory Sessional Examinations of 30 Marks

Total	30 Marks
Long Answers(Answer 1 out of 2)	1x10=10
Short Answers(Answer 2out of 3)	2x5 =10
Objective Type Questions (5x2) (Answer all the questions)	5x2=10

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Question Paper Pattern for Theory Sessional Examinations of 20 Marks

Total	20 Marks
Long Answers(Answer 1 out of 2)	1x10=10
Short Answers(Answer lout of 2)	1x5 = 05
Objective Type Questions (5x1) (Answer all the questions)	5x1=05

Question Paper Pattern for Theory External Exam of 70 Marks

Total	70 Marks
Long Answer (Answer 3 out of 4)	3 x 10 = 30
Short Answer (Answer 4 out of 5)	$4 \ge 5 = 20$
Objective Type Question (10 x 2) (Answer all the questions)	$10 \ge 2 = 20$

Question Paper Pattern for Theory External Exam of 35 Marks

x 5 = 10
x 10 = 20
5 Marks



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I.K. Gurjal Panjab Technical University Main Campus, Kapurthala

Rof. No. | KGBTU | F.ST / B | D-248

Date :29 5 2018

Subject : Eligibility and Admission Procedure of the new courses.

As per the approval of the competent authority the following courses and its admission procedure were approved in the Department of Food Science and Technology (Copy enclosed). Subsequently, the nomenclature and intake was notified by Registrar vide notification number, IKGPTU/Reg/1936 dated May 22, 2018 (Copy enclosed).

- M.Sc. Clinical Research
- M. Tech (Food Technology) ٠

The admission for these courses will be made in the Department of Food Science and Technology from the session 2018-2019. The eligibility intake and mode of admission would be as follows:

Course	Duration of Course	Intake	Eligibility	Admission Procedure
M.Sc. Clinical Research	2 Year (4 semester)	10	Graduation with minimum 50% marks in Life Sciences / Sciences / Medical Sciences / Pharmacy	At par with the admission procedure other M.Sc. courses of main campus
M. Tech (Food Technology)	2 Year (4 semester)		B. Tech / B.E. (Food Engineering / Food Technology / Food Engineering & Technology / Dairy Technology / Dairy Engineering / Food Process Technology / Food Process Engineering / Food Biotechnology / Agri process Engineering / Biotechnology) or any equivalent Degree with atleast 55% marks OR M.Sc. (Food Science / Food Technology / Food Processing & Technology / Biotechnology) or any equivalent Degree with atleast 55% marks	At par with the admission procedure other M. Tech. courses of main campus

Submitted for notification of the admission procedure.

(W) M BUTTON / MIC 4.00 S. 0.

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(Dr. Vikas Charle)

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Minutes of meeting Board of Study Clinical Research held on August 10, 2018 at 10:30 am in the 2nd Floor, Conference hall, Department of Academics, IK Gujral Punjab Technical University, main campus Kapurthala.

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Dr. Nitin Bansal, ASBASJSMCP, Bela, Member

Dr. Chander Prakash, IKGPTU, Main Campus, Member

S. Navdeepak Sandhu, IKGPTU, Main Campus, Member

Er. Gazal Sharma, Assistant Professor, IKGPTU Main Campus (Special Invitee)

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Dr. Akash Pethekar, AICR, Chandigarh, Member

Dr. Pramod Kumar, PGIMER, Chandigarh, Member

Dr. Dharinder Tayal, AICR, Chandigarh, Member

The Chairman of BOS Clinical Research welcomed all the present members.

The board took the agenda and made the following recommendations:

- 1. MSc Clinical Research course started in IKGPTU main campus from session 2018 onwards.
- 2. The scheme of 1st semester of MSc Clinical Research finalized upon discussion attached as Annexure A.
- 3. Program Educational Outcomes and Program Outcomes of the course were finalized followed by
- 4. The course objectives of all the subjects of 1st semester were drafted upon discussion and mapping

of COs and POs was done. 5. A detail note on the evaluation and examination pattern was finalized

UN-101812018 (Dr. G. D. Gulpha)

- The detailed course content of the subjects of 1st semester were discussed and finalized attached as Annexure -B
- In the scheme of 1st semester, an Ability enhancement course entitled "Professional Communication" was incorporated.
- 8. It was also decided to incorporate Journal Club as Skill enhancement course in 1st 2nd and 3rd semester.

The meeting ended with the vote of thanks.

20 0 Dr. G.D Gupta Chairman BOS