



LATE SHREE FAKIRBHAI PANSARE EDUCATION FOUNDATION'S LOKMANYA HOMOEOPATHIC MEDICAL COLLEGE

Near Elpro Company, Behind Prof. Ramkrishna More Auditorium, Chinchwad, Pune 411033.

Ph.: (020) 27357552 Fax : (020) 27352503 E-mail: chincom@rediffmail.com

P.T.R. No. : F/37677/PUNE

Affiliated to Maharashtra University of Health Science, Nashik, Recognised by C.C.H., New Delhi.

ANNEXURE - IV

Homoeopathy Faculty

Academic Year 2022 - 2023

Academic Activities/Webinar/Workshop/CME/Activities in Last One Year.

Name of College/Institute : LSFPEF'S-LHMC Chinchwad Pune 33. College Code 142102

Dept.:- Physiology

Academic Planner/Advanced Teaching Plan

Time Table (Year wise)

Details from 1st January to 31st December

Sr. No.	Details	Total Number in Hours
1.	Lecture	263
2.	Symposium	Dr.Thorat & Dr.Chordia
3.	Practical/Clinics	228
4.	Inter-Departmental Seminars	3/9/2021 & 9/9/2021
5.	Seminar	By Student
6.	Case presentation	NA
7.	Journal Club	NA

No. of Webinars Arranged, Guest Lectures, Workshops & CME

(Publish details on college website)

Sr. No.	Details of Webinars, Guest Lectures, Workshop & CME
1	Inter Departmental Seminar held on 3/9/2021 & 9/9/2021 (Topic Adrenal Gland)



Dr. Mrs. N.S. Joshi

PRINCIPAL

Signature of Principal with Seal
L.S.F.P.E.F.'s Lokmanya Homoeopathic Medical College
Chinchwad, Pune-411033

TOPICS INTERDEPARTMENTAL SEMINAR

SEMINAR I

Date- 3/9/21, 9/9/21

Anatomy	Physiology	Pharmacy
1. Adrenal action	Phy. Adrenal	Source, Drug
2. Cortex action	Phy. Cortex	Source, Drug
3. Medulla action	Phy. Medulla	Source, Drug
4. Ovaries action	Phy. Ovaries	Source, Drug
5. Pancreas action	Phy. Pancreas	Source, Drug
6. Insulin action	Phy. Insulin	Source, Drug
7. Testis action	Phy. Testis	Source, Drug
8. Pituitary action	Phy Pituitary	Source, Drug



Dept. of Physiology

Batch A

Interdept Seminar Students to present

as on 01/9/21

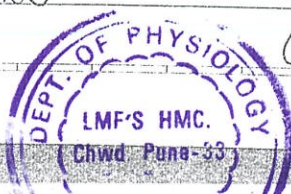
Date

Page

Sr. No.	Name	Roll No.	Topic	Sign.
Participants				
1)	Sangram Manuti Barad	04	Insulin	Barad
2)	Pavan Ashok Dhanebar	27	other sarcoades	Pavan
3)	Nikita Nivrutti Hadawale	37	overall coordination	Hadawale
4)	Gayatri Jayesh Gore	35	Lac group	G.T. Gore
5)	Khillare Krushali Vijay	50	Adrenal gland	Khillare
6)	Dhanwadkar shagufa	28	Pituitary gland	Dhanwadkar
7)	Saba Ansari	01	Pancreas	Ansari
8)	Deepti Sudesh Kadam	22	Ovaries	Deepti
9)	Akshada Amol Dere	23	Pepsin	Akshada
10)	Dnyandee Santosh Deshpande	26	Thyroid	Dnyandee

Attendees

1)	Braridhar Varbhavi Mohan	12	Braridhar
2)	Deepti sudesh kadam	22	Deepti
3)	Bangar Sakshi Sudhar	02	Bangar
4)	Kakade Rutuja Sunil	43	Kakade
5)	Kashid Tejaswini Ramesh	48	Kashid
6)	Dhere Sujata Nanasahab	29	SNDhere
7)	Bankar Uttkranta Sanjay	03	Bankar
8)	Dere Akshada Amol	23	Akshada
9)	Chaudhari Dhanashmi Lalit	13	Dichaudhar
10)	Bhosale Rajlaxmi Amarsinh	10	Bhosale
11)	Bharkar Poonam Dnyandev	06	Poonam
12)	Bharati Shweta Tanaji	07	Bharati
13)	Anjali Hanumant Bhosale	09	Anjali
14)	Shruti Ashok Chung	18	SChung
15)	Gayatri Jayesh Gore	35	G.T. Gore
16)	Pooja Laxman Dongare	82	Pooja
17)	Mayuri Anil Dhumal	31	(Dhumal)
18)	Saba Ansari	01	Ansari



Dept of physiology

18	Khan Humera Irfan	49	Humera
19	Choudhary Zainab & Latees	14	Zainab
20	Daware Shweta Uttreshwar	21	Shweta
21	Hake Priyanka Satish	38	Priyanka
22	Kachare Sakshi Hanumanant	42	Sakshi
23	Kasabe Parimal Namdev	47	Parimal
24	Bhoyar Poojavi Pandurang	11	Poojavi
25	Kanade Poonam Nilkanth	46	Poonam
(26)	Dhumak Ashwini Gopal	30	Ashwini
27	Ishwari Dilip Chavan	18	Ishwari
28	Dawakare Neha Vidvan	20	Neha
29	Jogdand Neha Rajabhai	41	Neha
30	Chinchwade Siddhi Deepak	17	Siddhi
31	Deshpande Dnyanda Santosh	26	Dnyanda
32	Khillare Vrushali Vijay	50	Vrushali

Dr. A.S. Khaleedkar

Dr

03/9/2021

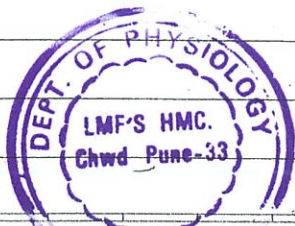
Dr. A.B. Kulkarni Dept of Physiology

Abhishek
3/9/21

Dr. Nandgiri Nikar Dept of Anatomy

Nandgiri
3/9/21

Dr. Switole S.B. Dept. Pharmacy

Switole
3/9/21

Dept of Physiology

PHYSIOLOGY QUEST LECTURE

⑥

• By → Dr Thorat (Lecturer, HOD, Medical college)

Date - 24 November 2021, 1pm - 2pm.

• The seminar was very important for understanding what is Physiology and how one must study it.

The Books advised were Biplani, and Chatterjee.

for better understanding of the subject.

Along with this we were also briefed about the techniques for paper solving.

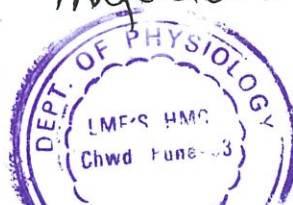
For MCQs, he advised to read the question bank every day and take a print of it, so that we score maximum marks in MCQ out of 20.

Also, how we should manage our time per question was briefed, 20 marks question require more time so more precise time should be given to it.

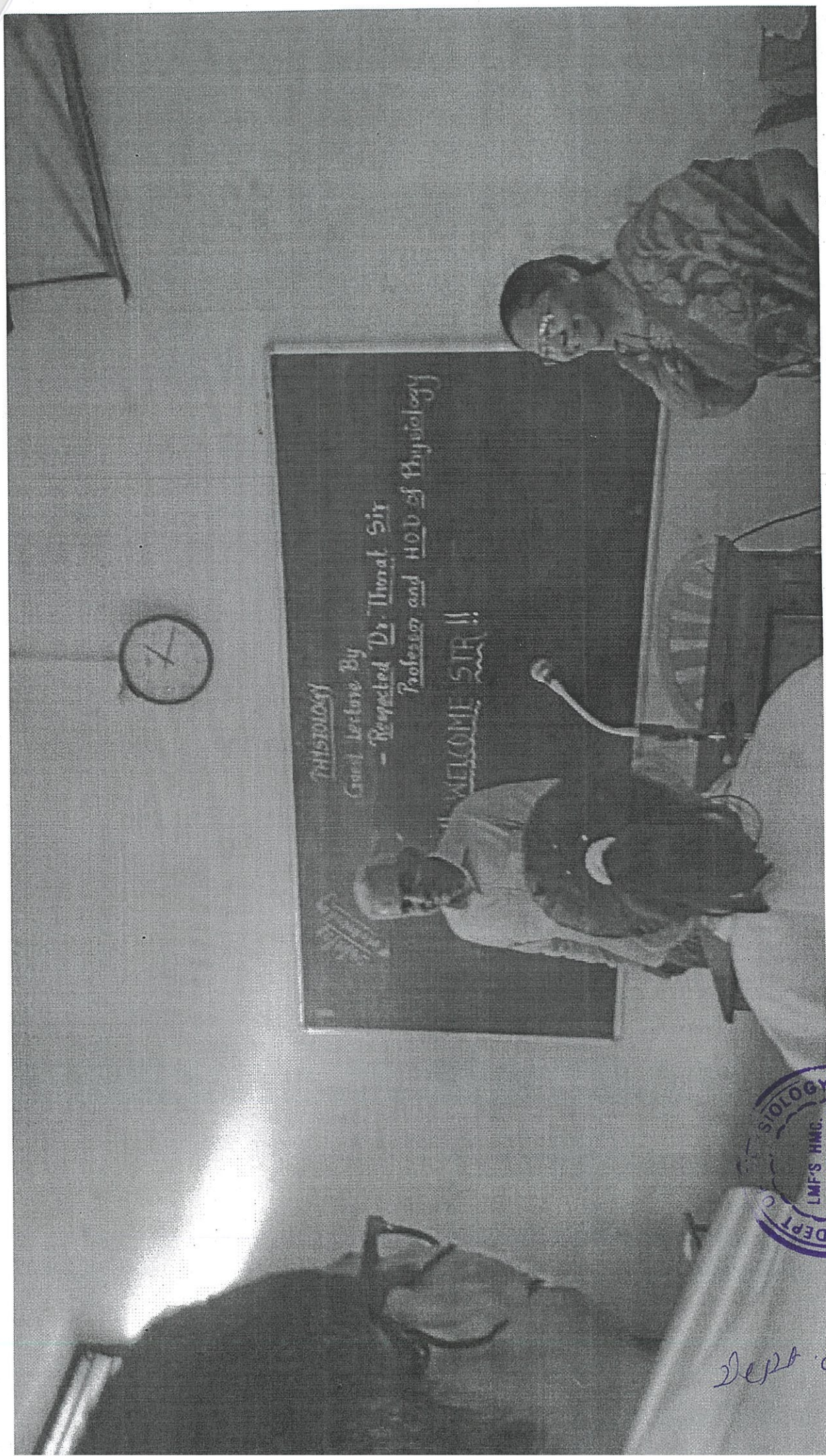
Also sir advised us to focus on topics which are repeated frequently like stages of Erythropoiesis, Leucocytes, Gastric Juice, Properties of Cardiac Muscle, O₂ dissociation curve, Pyramidal Tract, Extrapyramidal tract, Hypoxia, Skin properties and function, Lymph and lymphatics and so on..

He emphasised on time management for per question should be followed to complete paper in time and to score above average marks.

This lecture was truly important and direction given for our study.



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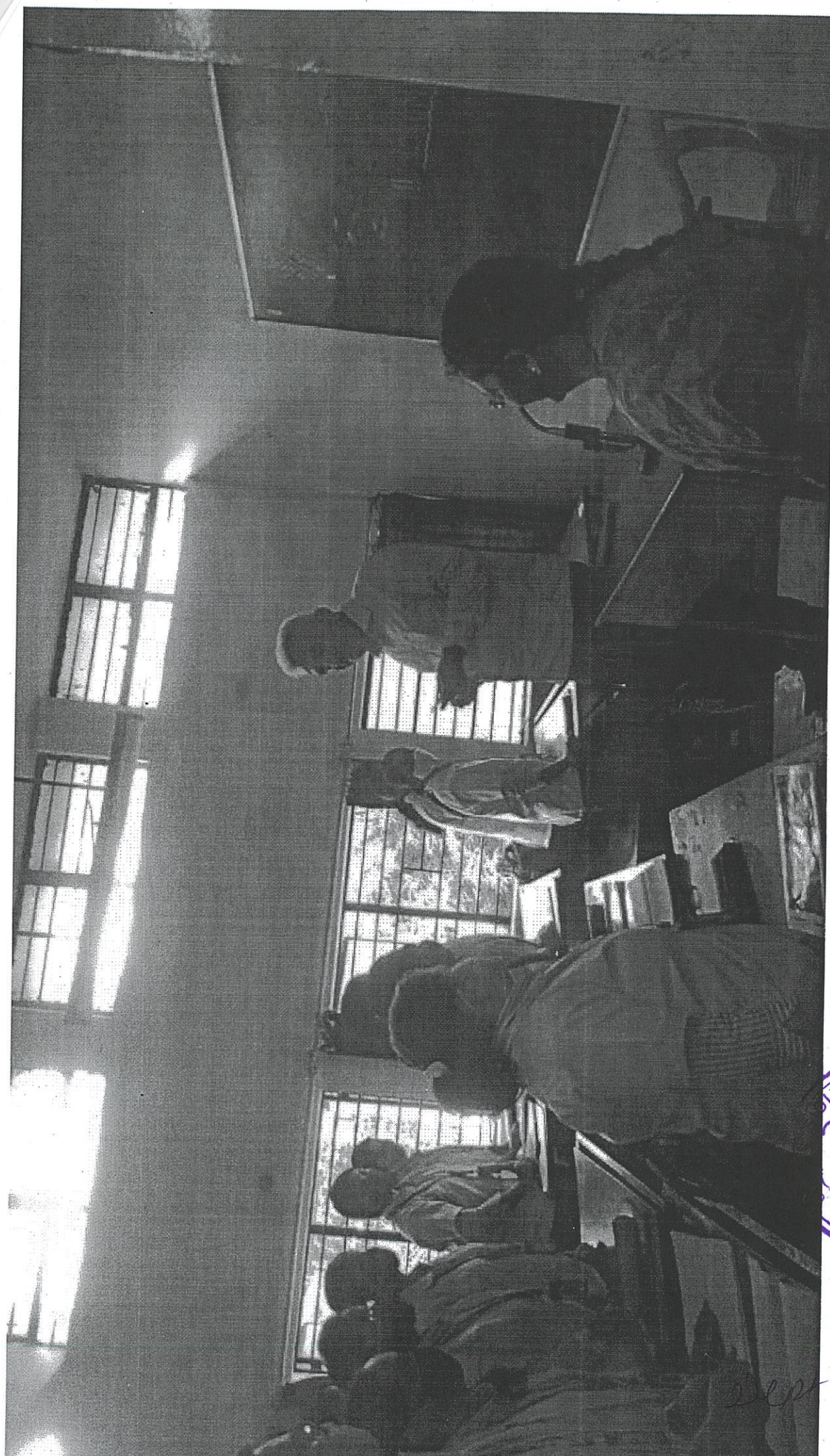


PHYSIOLOGY
Guest Lecture By
- Respected Dr. Hiral Sir
Professor and HOD of Physiology
WELCOME SIR!!

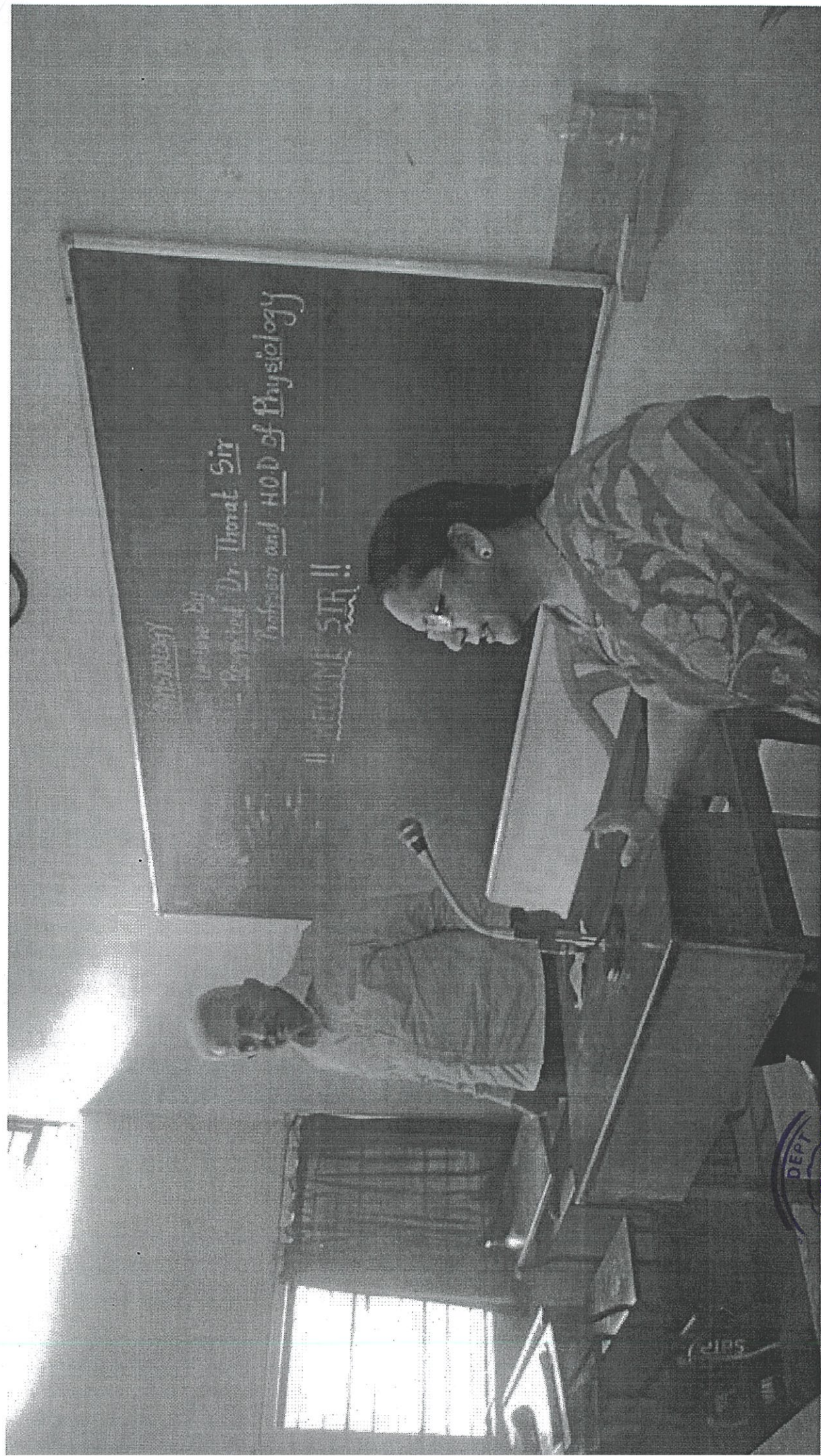
DEPT. OF PHYSIOLOGY
LMFS HMC
Chud Pune-33

Dr. Hiral Sir

(3)



Dep
to
Brd



DEPT. OF PHY
LMF'S HMC.
Chwd. Pune-33
BIOLOGY

Date:-10-12-21

DEPT. OF PHYSIOLOGY,
LSFPEF'S LHMC
CHINCHWAD
PUNE-33

Sub: Report of Guest lect.

Respected Dr. Chordia sir,

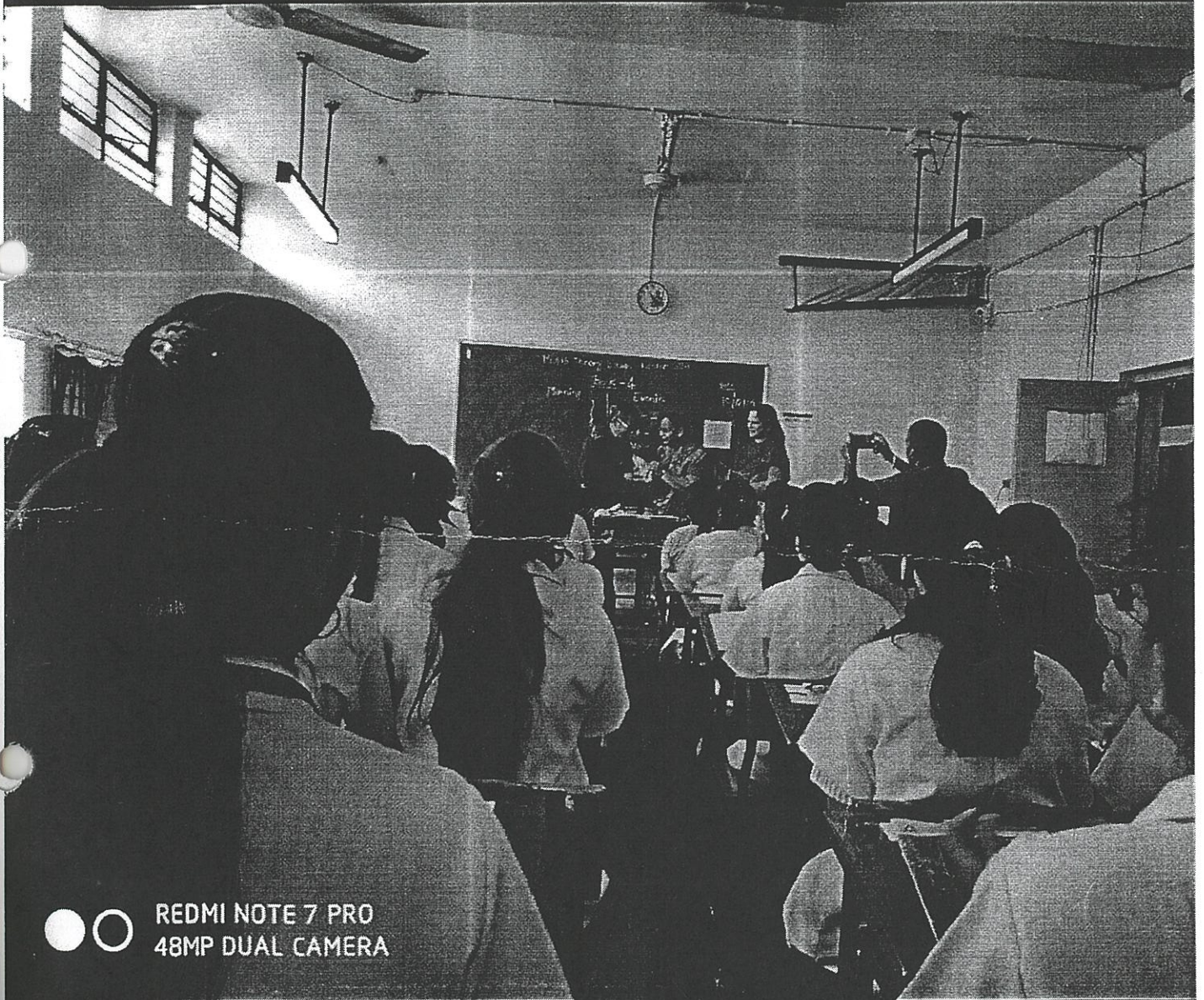
Dept of Physiology is very much thankful for Guest lect you have delivered on topic **Urine formation** . Sir it will definantly helpful for Ist BHMS (2020-21 batch) 86 students.

Thanking you Sir for spearing your valuable time and knowledge.



Dept of
Physiology

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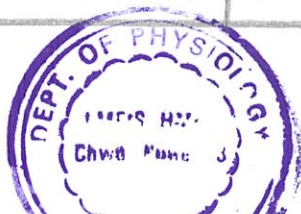


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Month	No. of lectures	Mr. N.S. Joshi	Dr. A.B. Kulkarni	Dr. A.R. Joshi (Guest Faculty)	Total No of practicals Mr. Kulkarni
March 21	10	05	05		
April 21	27	12	15		
May 21	26	11	15		
June 21	34	15	19	-	
July 21	27	16	11	-	
August 21	39	21	18	-	06
Sept 21	26	12	06	08	30
Oct. 21	20	10	04	06	10
Nov. 21	13	10	02	01	14
Dec. 21	21	13	07	-	17

Total lec = 263



A.B.C. - 2674 - 304
Dept of Physiology 28

Name - Ashwini Gopal Dhumak Roll no - 30
Balanced diet Assignment.

Define balanced diet, write 6 Proximate principals of and explain balanced diet of pregnant lady

A diet that contains the proper proportions of carbohydrates, fats, proteins, vitamins, minerals and water necessary to maintain good health

The requirement for a healthy diet can be met from a variety of plant-based and animal based foods although a non-animal source of vit B12 is needed for those following a vegan diet

Principals of balanced diet planning.

In nutrition of human being or any animal, the intake of food stuff must, always be sufficient to supply the metabolic need of body

We also require food for other purposes these include

- (i) Supplying of vitamins and essential amino acids i.e substance which cannot be synthesised in the body
- (ii) Even regarding substances which cannot be synthesised in the body, for that source of the raw materials is the food only

For the children and convalescents, food is the main source for growth and replacements of materials which are lost during the sickness. In short food serve the following three purposes
1. Supply energy for daily metabolic

- (ii) Formation of tissue of the body during growth and replacement during wear and tear
- (iii) Maintenance of body temperature

Principle of balanced diet

Balance diet means a diet contain protein, carbohydrate, fat, vitamins and minerals etc. are in proportional to the body need

- (i) These calorie need must be satisfied and extra calories provided for ham growing children and during illness. Undersupply of calories lead starvation and excess calories produce obesity both conditions are harmful

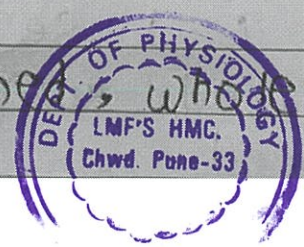
Average physiologically available energy in each gram of three different foodstuff in the diet is as follows

carbohydrate	4.0 calories
Protein	4.0 calories
Fat	9.0 calories

balanced diet of pregnant lady

A pregnant woman should include in their daily diet at least -

- Five servings of Fresh Fruits and vegetables (including at least one serving of a dark orange vegetable, two serving of dark green leafy vegetables, and one serving of citrus fruit)
- Six servings of enriched whole grain breads



Breakfast

- (i) Poha with lots of vegetables
- (ii) Oats porridge
- (iii) vegetable omelet
- (iv) mixed bean cutlet or patties

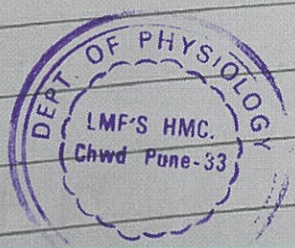
Lunch

- (i) salad
- (ii) dal
- (iii) vegetables
- (iv) medium sized roti
- (v) curd/veg

Dinner

- (i) salad
- (ii) vegetables
- (iii) curd

Citrus fruits are ~~help~~ good for pregnant lady as they are full of vitamin C. and that is responsible for bones growth.



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te / / ~~ART~~

Saathi

Structure of skin

Function of skin,

Hair

Triple response:

Structure of skin

1) Skin is the largest organ of the body weighing 1.5-2gm.

2) It is divided into 2 layers

Epidermis & dermis

3) Epidermis is made of ^{sub.} 5 layers.

i) Stratum corneum

ii) stratum lucidum

iii) stratum Granulosum

iv) stratum Spinosum

v) stratum Germinatum

4) stratum corneum is the outermost layer.

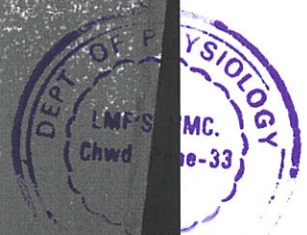
5) stratum lucidum has thick layer at palms & sole & thin ^{layer} at lips.

6) Epidermis has the layer of dead keratinized cells.

7) Dermis i.e true skin is made up of collagenous tissue fibres.

8) collagenous tissue helps to hold water for the skin.

9) This layer has finger like projection called papillary fibres.



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10) Collagenous tissue has lymphatic supply which supply nutrient to Epidermis.

2) Functions of skin.

→ 1) Skin is the protective organ which cover entire body, from surrounding heat, water & foreign body.

2) skin helps in maintaining body temperature.

3) During increase in surrounding temperature body temperature is maintain by sweating i.e sweat gland produce sweat which gives cooling effect to body & body temperature is maintain.

4) When there is decrease in surrounding temperature muscles beneath the skin contracts & heat is produced which maintain body temperature.

5) ~~Dead cells~~ skin cells change.

6) Body excrete ~~waste~~ waste material in the form of oil & sweat through skin.

7) If there is any injury to the body from surrounding it affect skin but vital organs & body fluid is

protect by skin.

4) Triple response.

→ 1) When external skin mechanical force is applied on skin there is series of reaction one after another i.e. Red reaction, Flare & wheal this reaction occur simultaneously thus it is known as triple response.

2) Red reaction - occurs when mechanical force is applied by pointed object with little force. After 15 sec of force applied this reaction takes place.

3) It is due to capillary dilation.

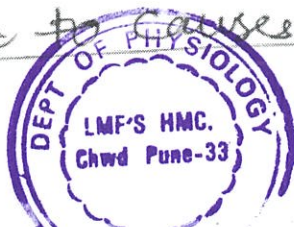
3) It is due to flow of blood from capillary. There is no nervous mechanism involve & thus it is passive effect.

4) Flare - occurs when mechanical force is applied over the same surface with little more intensity.

5) It is due to flow of blood from capillary. It occurs after 15 sec of force applied & it disappears within 3-5 mins of appearance of flare.

6) Wheal - it occurs when mechanical force is applied with more intensity on the surface of skin.

7) It is due to causes swelling of



Dept of Phys

Saath

Date ____ / ____ / ____

that particular part E_p is due to
Oedematous fluid.

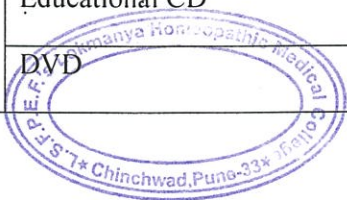
8) It remains for long ~~time~~ time on
surface of skin.

9) Oedematous fluid is collected due
to increase in permeability of
capillary fluid, this fluid from
capillary comes out.

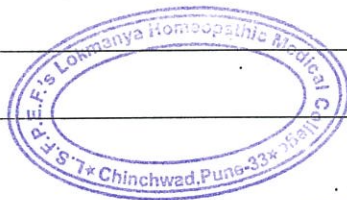


DEPARTMENT OF PHYSIOLOGY & BIOCHEMISTRY

S No	Items	Required	Available
1	Physiology		
1	Medical Microscope	25	25
2	Equipment for ESR estimation/ Westergren's pipette for ESR on stand	25 (with spare pipettes)	25
3	Haematocrit tubes	30 (with spares)	30
4	Auto Analyzer or Semi Auto Analyzer	01	1
5	Haemoglobinometer (Sahli)	25(with spare)	25
6	Haemocytometer	25(with spare)	25
7	Sphygmomanometer	25	25
8	Stethoscope	25	25
9	Clinical thermometer (Digital)	25	25
10	Knee hammer	25	25
11	Tuning forks to test hearing (32-10000 hzs)	01 set	01 set
12	Stethographs or pneumographs	05	05
13	Electrocardiograph (ECG Machine)	01	01
14	Electronic Stop Watches (1/10 sec.)	04	04
15	Glass Distillation (double) apparatus	01	01
16	Centrifuge (Medium speed)	02	02
17	Colorimeter (photo electric)	02	02
18	pH Meter (electric)	01	02
19	Colour perception lantern (Edridge Green)	01	01
20	Incubator	01	01
21	Educational CD	As required	Available
	DVD	As required	Available



		Films/ Transparencies	As required	Available
		Slides	As required	Available
		Models	As required	34
		Audio Visual Aids	As required	Available
S No		Items	Required	
	22	Perimeter	03	03
	23	Spirometer	01	01
	24	Tonometer	01	01
	25	Handgrip dynamometer	01	01
	26	Bicycle Ergometer	01	01
		Facility for Animal Experiments demonstration with the help of Audio-visual Aids.		Available
2		Number of additional items available		Available
3		Biochemistry		
	1	Electronic/Monopan Balance	01	01
	2	Centrifuge	01	01 Hand Operated
	3	Balance, chemical/ordinary	02	02
	4	Water baths	02	02
	5	Urinometer	25	25
	6	Hydrometer (0.700 to 1.00)	02	02
	7	Albuminometers	10	10
	8	Glucometer	10	10
	9	Thermometer	10	10
	10	Colorimeter	01	01
	11	Hot air oven 14"x14"x14" (Electric)	01	01
	12	Double Distillation apparatus Glass	01	01
	13	Centrifuge, medium speed, electric	01	01
	14	Glass ware like		
		Pipette	As required	Available



		Beakers		Available
		Burettes		Available
		Wire gouge with asbestos	As required	01
		Centre hot plate	As required	Available
		Stove	As required	25
		Syringes	As required	Available
		Burners	As required	Available
		Rubber tubing	As required	Available
		Stands, clamps	As required	Available
		Flask	As required	Available
	15	pH meter	01	01
4	Number of additional items available			Available
5	Total number of Charts			432

