

SREE BALAJI MEDICAL COLLEGE & HOSPITAL

CHROMPET CHENNAI -600044

Date: 5/22/2018

R. No 132 /SBMCH/2018

CIRCULAR

Notification for Value added courses offered by the Department of Community Medicine

The **Department of Community Medicine** of Sree Balaji Medical College is scheduled to offer a Value added Course on **Introduction to Healthcare Innovation** from 6/11/2018 for a period of 3 weeks. Interested students can approach the Head of Department of Community Medicine and Course Coordinator, for registration and for further details on or before 6/6/2018.

Eligibility-MBBS STUDENTS



Course Coordinator



HOD

Copy to:

Dean office

Vice Principal

Medical Superintendent

AO College

Introduction to Healthcare Innovation

This course is a high-level introduction to a dynamic and growing field of health innovations. Students will be provided with introductions to various health innovations, including pathways, technology, techniques, and outcomes. This course will expose students to the latest innovations happening in various segments of the healthcare industry. The purpose of the course is to provide tools for health innovators. On one hand, theoretical and practical understanding of information pathways in the health industries will introduce students to 'venues' for health innovators. Topics include brief introductions to different health technologies including electronic medical records, medical imaging, telemedicine, consumer health informatics, artificial intelligence in healthcare among others. The innovation process including design thinking and startup challenges will be discussed. Topics include needs findings, evaluation of existing solutions, stakeholder and market analysis, among others.

Learning Objectives and Outcomes

By the end of this course, students should be able to

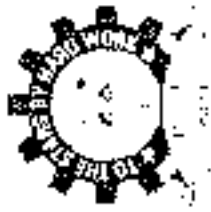
- Understand EMR/EHR & PHR
- Understand basics of Artificial Intelligence (AI)
- Understand how Virtual Reality (VR) & Augmented Reality (AR) is used in healthcare
- Explain impact of Precision medicine and Personalized medicine
- Differentiate between Health Exchanges and Health Networks
- Explain the processes involved in innovating in healthcare
 - Conduct needs assessment and prioritize needs
 - Evaluate healthcare markets
 - Recognize the major differences between successful innovations and failures; and appreciate both of their places in the process of health innovations
 - Discern competitive strategies

Course Duration: 20 Hours

Course Coordinator: Professor / Assoc Prof of Department of medicine

S.No	Topic	Duration	Faculty
1	Course overview; Intro. to health innovations	2 hours	Guest Speaker/Asst Prof : Dept Medicine
2	Great healthcare innovation	2 hours	Guest Speaker/Assoc Prof : : Dept of Medicine
3	Health Data, Information & Knowledge	2 hours	Guest Speaker/Asst Prof : Dept of y Medicine
4	Case presentations: One failure and one success	2 hours	Guest Speaker/Assoc Prof : : Dept of Medicine
5	The Innovation Process - Design thinking	2 hours	Guest Speaker/Asst Prof : Dept of Medicine
6	Presentation of needs in a selected clinical setting	2 hours	Guest Speaker/Assoc Prof : : Dept of Medicine
7	Electronic health records and patient health records	2 hours	Guest Speaker/Asst Prof : Dept of Medicine
8	Health information exchanges Case presentations. Success and failure with EHRs	2 hours	Guest Speaker/Assoc Prof : : Dept of Medicine
9	The Ten Types, Network	2 hours	Guest speaker/Asst Prof : Dept of Medicine
10	Introduction to AI & Machine Learning	2 hours	Guest Speaker/Assoc Prof : : Dept of Medicine

11	Working with RapidMiner tool	2 hours	Guest Speaker/Asst Prof : Dept of Medicine
12	Artificial Intelligence (AI) and Virtual Reality (VR)	2 hours	Guest Speaker/Assoc Prof : : Dept of Medicine
13	Precision medicine and personalized medicine	2 hours	Guest Speaker/Asst Prof : Dept of Community Medicine
14	Process and Product Performance	2 hours	Guest Speaker/Assoc Prof : : Dept of Medicine
15	Assessment	2 hours	Asst Prof : Dept of Community Medicine



Bharath Institute of Higher Education and Research
Sree Balaji Medical College & Hospital



Certificate

This is to certify that Mr./Ms. KAUSHIK K has completed the value added course on Introduction to Healthcare Innovation conducted by Department of Community Medicine at Sree Balaji Medical College & Hospital, Chennai held during 6/11/2018 to 7/3/2018.

Dr.P.Sai Kumar MD

Vice Principal, SBMCH

Dr.Gunasekeran MS

Dean, SBMCH

CORSE FEEDBACK FORM

Date: 7/3/2020

Course Title: Introduction to health care innovation.

Name: kavya k.s

RegNo: 92

Department: Community Medicine

S.NO	Particulars	1	2	3	4	5
(1. Very Unsatisfied 2. Unsatisfied 3. Neutral 4. Satisfied 5. Very satisfied)						
1.	Objectives of the course clear to you			✓		
2.	The course contents met with your expectations			✓		
3.	The lecture sequence was well planned			✓		
4.	The lecturers were clear and easy to understand				✓	
5.	The teaching aids were effective				✓	
6.	The instructors encourage interaction and were helpful				✓	
7.	The level of the course				✓	
(1. Very poor 2. Poor 3. Average 4. Good 5. Excellent)						
8.	Overall rating of the course:				4	5

Please give suggestion for the improvement of the course:

Weakness of the course:

Strength of the course:

Kavya.K.S.
Signature

Thank you

CORSE FEEDBACK FORM

Date: 7/3/201

Course Title: Introduction to health Care
Name: Kaushik . K.
RegNo: 86
Department: Community Medicine

S.NO	Particulars	1	2	3	4	5
(1. Very Unsatisfied 2. Unsatisfied 3. Neutral 4. Satisfied 5. Very satisfied)						
1.	Objectives of the course clear to you			✓		
2.	The course contents met with your expectations				✓	
3.	The lecture sequence was well planned				✓	
4.	The lecturers were clear and easy to understand				✓	
5.	The teaching aids were effective				✓	
6.	The instructors encourage interaction and were helpful				✓	
7.	The level of the course				✓	
(1. Very poor 2. Poor 3. Average 4. Good 5. Excellent)						
8.	Overall rating of the course:	1	2	3	4	5

Please give suggestion for the improvement of the course:

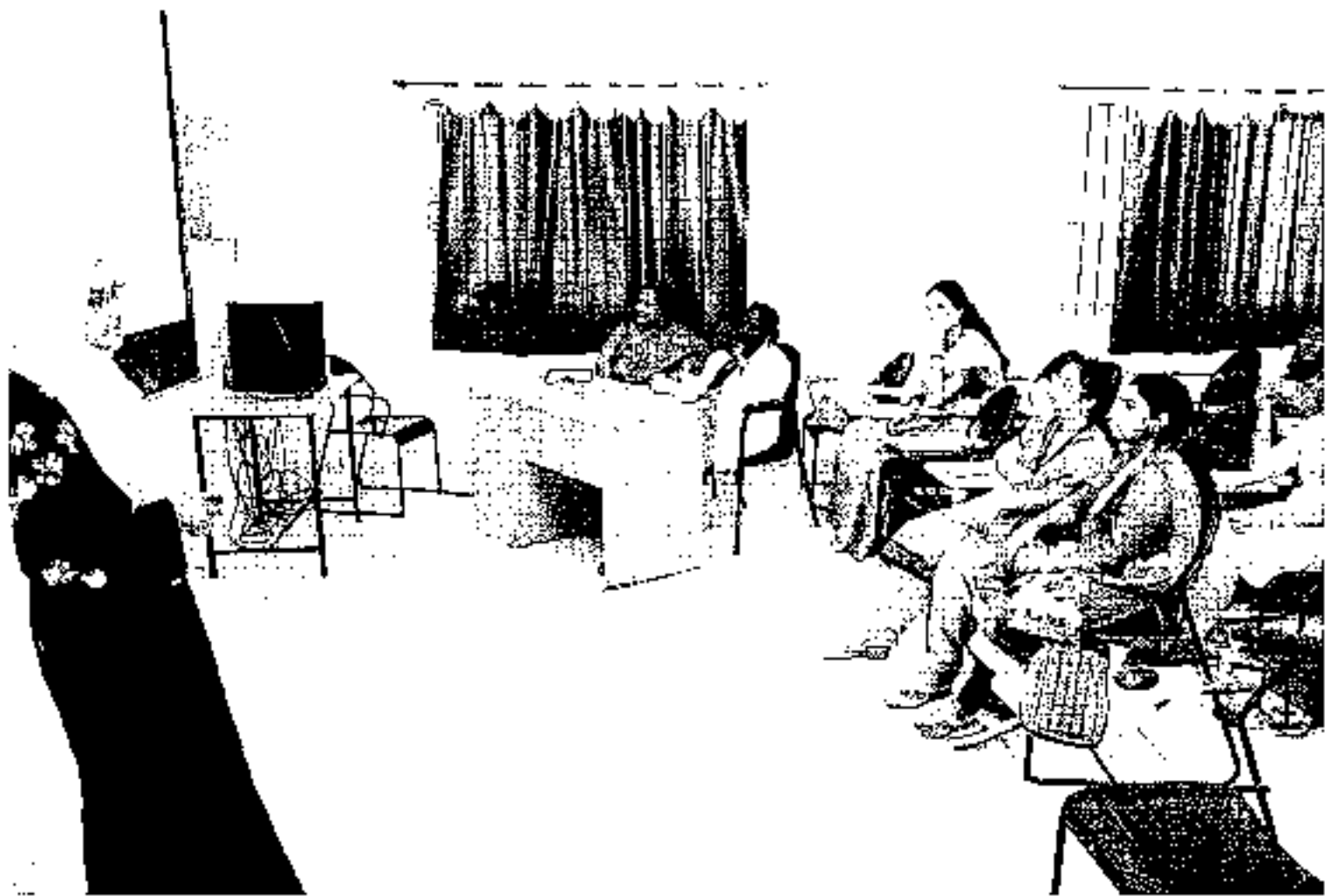
Nil.

Weakness of the course: Nil.

Strength of the course: Nil.


Signature

Thank you



Introduction to Healthcare Innovation

Student Name List

Sl.No.	Name	Sl.No.	Name
1	SASIDHAR K R	31	GLADSTON V
2	ARCHANA R	32	HARICHAKRIVARTHY A
3	GAYATHRI C R	33	JANAKI V
4	KONA OLIVIA LIEPEIZIBAH	34	JANANI K G
5	MONISH RAJER M	35	JAYASHALINI S
6	RENZO SEBASTIAN	36	JAYASHREE J
7	SANTHOSH YESUDHAS	37	KAVIYARASAN R
8	VASANTHA KUNNAR K R	38	KEERTHANA R J
9	AMBICA SUSHINDRI S	39	LIBANIA ANGELINA J
10	JESSELA S	40	LOKESH KUMAR M
11	JUDY ANCHY EDAL V	41	MANJULADEVI K
12	KANCHANA M	42	MOHAN BABU G
13	KORTHE TANUJA VANJ	43	MONIKA S
14	PUCHALAPALLI SRITHARSHITHA	44	NIRANTHANA S
15	SRINIVAS K M	45	NITHIS KUMAR S
16	ADHITH JOSEPH	46	NIVETHA V
17	AMBRISH B	47	PALLURU PRAVEEN KUMAR
18	ANISH BARVIN SAMUDREN	48	PARAMESWARJ P E
19	ARJUN KARTHIK C	49	PAVITRA V
20	ARUDHARA S	50	PONRUBA M
21	ARUNACHALAM A C	51	PRADUSHI M
22	BALAJI A R	52	PRISHOO REDDY M
23	BALAJI V	53	PRIYANKA U
24	BEAGAT SINGH P P	54	RAMASAMY V
25	CATHERINE JENIFER D	55	SANTHOSH KUMAR R
26	CHANDRASEKAR R	56	SITAMBAVE B S
27	DEEPAK SAJ PRASAD	57	SHIVRAAMGAUTAM S
28	DEVAPREETHAN	58	SIRUTHI M
29	DHARANI M	59	SOURYA GOVINDAN A
30	FIFI DARLING EVANA	60	SRINIVASAN S