Event/Activities under Academic Club

Completion Report

#	Scope	Description
1	Faculty	Faculty of Dental Sciences, SGT University, Gurugram
2	Name of Academic Club	Innova8 Oral Health Care/Public Health Dentistry
3	Title of the Event/Activity	Webinar on 'Use of Artificial Intelligence/Machine Learning In Improving Oral Health Outcomes'
4	Objective of the event	To gain knowledge and help students revise and review Public Health Dentistry topics and interact with subject experts to clarify their doubts and queries.
5	Date – Time/Duration	20th May 2024 11:00 am -01:00 pm
6	Place/Venue	PHD Seminar Room, B-Block, SGT University
7	Name of Faculty Coordinator	Dr Surbhi Priyadarshi (Assistant Professor)
8	Name of Students' Organizer(s) [1]	Ms Diksha (Student Secretary), Mr Harshit (Student Representative), Ms Sukanya (Student Member), Ms Arzoo (Student Member), Mr Rahul (Student Member), Ms Jyostsana (Student Member)
9	Brief Report of the event [2] (should not exceed 500 words)	Innova8 Oral Health Care Academic Club constituted under the Department of Public Health Dentistry, organized webinar entitled "Use of Artificial Intelligence/Machine Learning In Improving Oral Health Outcomes" on 20th May, 2024 from 11:00 am to 01:00 pm for BDS third year, final year and interns. The lecture was held in the PHD Seminar Room, B- Block, and started with a speech of Dr. Shourya Tandon (Prof. & Head, Dept. of Public Health Dentistry). The webinar was delivered by Dr. Roomani Srivastava, PhD Scholar, Centre for Digital Health, IIT Bombay Research Associate (Data Science), CARISMMA, DBT/Wellcome Trust India Alliance, Team Science Grant. The keynote speaker enlightened us on how rapidly advancing field. AI and ML technologies are being integrated into various aspects of dental care to enhance diagnostics, treatment planning, and patient management and how these technologies enable the analysis of large datasets to identify patterns and predict outcomes, leading to more accurate and early detection of oral diseases such as cavities, periodontal diseases, and oral cancers. She also added that by leveraging these technologies, the field of dentistry is moving towards more preventive and personalized care, ultimately improving overall oral health outcomes. Overall, it was an informative and engaging event

		for all the attendees. The webinar was also attended by Dr. Omkar Shetty (Dean, Faculty of Dental Sciences, SGT University) along with other faculty members and approximately 30 BDS Undergraduates and interns. The session was followed by question answer round and vote of thanks.
10	Role of participating students	Management of event
11	Expected outcome as understood by the students	Students learnt about 1. AI/ML in healthcare 2. Implementation of AI/ML in dentistry.
12	Suggestions/Remarks	-

*[1]List of Students Participated
*[2] Add photographs with captions

*[1] List of Students Participated

DEPARTMENT OF PUBLIC HEALTH DENTISTRY

Webinar Series- 20th May, 2024 (Monday)

Webinar 1: Tobacco Cessation (09:30 am onwards), Resource Person- Dr. Chaity

Webinar 2: Use of AI/ ML in Improvving Oral Health Outcomes (11:00 am onwards), Resource Person- Dr. Roomani (Attendance).

LIST OF PARTICIPANTS

S. No.	Name of Participants	BDS Year/ Designation	Signature
1	KOUSHIK SINGH KOIRI	BDS Final Year	Absent
2	AKSHITA SETHI	BDS Final Year	Akshita
3	Vikas	BDS Final Year	Absent
4	Chhaya Yadav	BDS Final Year	Absent
5	ANKITA ARORA	BDS Final Year	Ankita
6	KABIR SINGH	BDS Final Year	Kabir
7	DEEPA	BDS Final Year	Deepa
8	SAKSHI YADAV	BDS Final Year	Sakshi
9	PRATIBHA YADAV	BDS Final Year	Pratibha
10	SIMRAN YADAV	BDS Final Year	Simran
11	PRACHI SIKRI	BDS Final Year	Prachi
12	PRATEEKSHA RAI	BDS Final Year	Prateeksha
13	VARUSHI POONIA	BDS Final Year	Absent
14	MADHUR MANOCHA	BDS Final Year	Absent
15	Abhishek Gaur	BDS Final Year	Absent
16	Joginder	BDS Final Year	Absent
17	Khushboo Kumari	BDS Final Year	Khushboo
18	Priya Solanki	BDS Final Year	Priya
19	ASTHA JHA	BDS THIRD YEAR	
20	ALAN ABY	BDS THIRD YEAR	Alan
21	HARSHITA KAUSHIK	BDS THIRD YEAR	Harshita
22	YASHIKA JAIN	BDS THIRD YEAR	Yashika
23	PRIYANSHI	BDS THIRD YEAR	Priyanshi
24	SRISTI TIWARI	BDS THIRD YEAR	
25	ASHWINI	BDS THIRD YEAR	Absent
26	SHWETA GAUTAM	BDS THIRD YEAR	Absent

FACULTY MEMBERS

Dr. Shourya Tandon	Prof. & Head	
Dr. Meenakshi Chopra	Associate Professor	Meenakshi
Dr. Charu Khurana	Associate Professor	Charu
Dr. Surbhi Priyadarshi	Assistant Professor	Surbhi
Dr. Navodita Jamwal	Assistant Professor	Navodita
Dr. Rangoli Srivastava	Assistant Professor	Rangoli

INTERNS

Heri Sonam	BDS Intern	
Obi faggu	BDS Intern	Obi
Diksha	Intern	
Sukanya	Intern	Sukanya

	Harshit	Inter	Harshit
	Rahul	Inter	Rht
	Khushi	Inter	Khu
	Palak	Inter	Pal
	Ekta	Inter	Ekta
	Disha	Inter	Disha
	Deepshikha	Inter	DS

*2 Add photographs with captions (Total 7 photographs including 2 geo tagged)

#	Insert Photographs/Images
1	BDS third year, final year and intern and faculty members patiently listening to the webinar Key insights about Use of AI/ML

Dr. Roomani Srivastava (Resource person) giving insightful information regarding AI/ML implementation in dentistry

Group Photograph

Advisor / Co-advisor Name:
Dr. Meenakshi Chopra- ADVISOR
Dr. Charu Khurana- CO- ADVISOR
Dr. Surbhi Priyadarshi- CO-ADVISOR

Date:20-05-2024