Title: Artificial Intelligence in Dermatology: Revolutionizing Diagnostic Practices

Date: 30.01.24; 11:30am onwards

Objectives:

- Explore the intersection of technology and dermatology through the lens of artificial intelligence (AI).
- Discuss the significance of innovation and entrepreneurship in advancing medical diagnostics and treatments.
- Examine the diverse applications of AI in dermatology, focusing on lesion localization and malignancy detection.
- Analyze the advantages and disadvantages of integrating AI technologies into dermatological practices.
- Foster critical thinking and problem-solving approaches among participants to optimize AI benefits while mitigating risks.

Participant Details: (50)

- Postgraduates from the Department of Dermatology of DVL
- Postgraduates from SRM Medical College

About the Program:

The Department of Dermatology Venereology and Leprosy organized an online webinar titled "Artificial Intelligence in Dermatology" to explore the transformative potential of AI in dermatological practices. Dr. Aravind Baskar. M, Assistant Professor at SRM Medical College, served as the guest speaker, providing insights into AI applications in dermatology. Dr. Karthikeyan K., Professor and Head of DVL at SMVMCH, delivered an introductory talk, emphasizing the importance of innovation and entrepreneurship in medical advancements. The webinar encompassed in-depth discussions on lesion localization, cutaneous malignancy detection, and the pros and cons of AI integration. Dr. Vijayasankar. P, Assistant Professor at the Department of Venereology and Leprosy, skillfully moderated the session, facilitating seamless exchange of ideas.

Outcomes:

- Enhanced understanding of AI's role in revolutionizing dermatological diagnostics and treatments.
- Encouraged critical thinking and problem-solving approaches among participants.
- Fostering interdisciplinary collaboration between postgraduates from different medical institutions.
- Increased awareness about the advantages and challenges associated with AI integration in dermatology.

Way Forward:

The webinar served as a springboard for further exploration and implementation of AI-driven solutions in dermatology. Participants were inspired to embrace an entrepreneurial mindset, considering the development of AI-driven startups and ventures aimed at transforming dermatological care. Moving forward, continued collaboration and innovation are essential to harness the full potential of AI in advancing healthcare practices.

SRI MANAKULA VINAYAGAR
Medical College and Hospital
An autonomous institution

INSTITUTION'S INNOVATION COUNCIL
(Ministry of HRD Initiative)

DEPARTMENT OF DERMATOLOGY, VENEREOLOGY & LEPROSY
AND IQAC

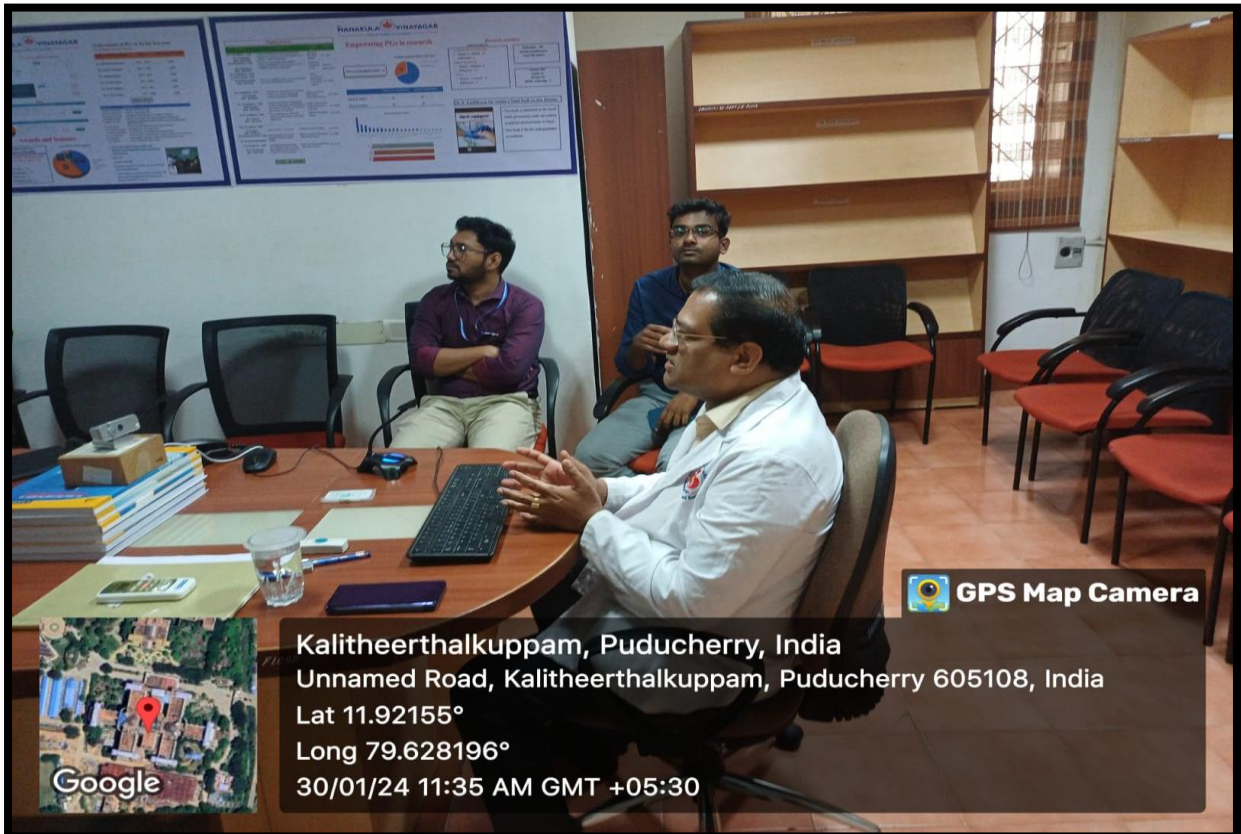## CERTIFICATE OF APPRECIATION

This certificate is presented to

DR.M. ARAVIND BASKAR

In appreciation for his valuable contribution as resource person in the webinar
" Artificial Intelligence in DVL" organized by the department of Dermatology ,Venereology
& Leprosy and IQAC, SMVMC&H held on 30th January 2024

DR.R.N.KAGNE
Dean
SMVMCH

Dr.K.KARTHIKEYAN
Organizing chairman

Dr.P.VIJAYASANKAR
Organizing member

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