

Office of the Chief Public Relations Officer
Jamia Millia Islamia

Press Release

Faculty of Dentistry, JMI organises an Oral Cancer Awareness Camp in collaboration with CDER, AIIMS, New Delhi; Focuses on AI applications in oral cancer screening

New Delhi, May 9, 2025

The Faculty of Dentistry, Jamia Millia Islamia (JMI), in collaboration with the Department of Oral Pathology, CDER, AIIMS, New Delhi organized an Oral Screening Camp on 21st April and 3rd May 2025 at Bhiwadi, Rajasthan, as a part of a research project entitled **“Strengthening Healthcare National Programs with AI and making healthcare accessible: Oral cancer screening”**.

The eminent institutes participating in the research project are All India Institute of Medical Sciences (AIIMS), New Delhi, India, Indian Institute of Science, Bangalore, IIT Delhi, CCAMP, Bengaluru and E-health. The project was launched by Dr Deepika Mishra, Additional Professor, Department of Oral Pathology, CDER, AIIMS, New Delhi along with other faculty members and research scholars of the Department to understand the importance of oral health, motivate and sensitize people to maintain good oral hygiene, and create awareness for oral cancer

The awareness program highlighted the importance of AI applications in oral cancer screening and made patients aware of novel technologies presently being advocated worldwide.

Early detection of oral cancer has been the key in combating the burden of oral malignancies. Arogya Arohan App, a white-light based smartphone application, was developed in collaboration with IIT, Delhi, and IISc, Bangalore, to interpret images and for improving diagnostic accuracy of oral cancer at early stages. This app was efficiently used while screening of patients, aligning with the objective of the project to effectively utilize AI applications and making healthcare accessible.

Dr Tanurag Patnaik, Project Scientist, introduced the importance of increasing the awareness of oral cancer in India and emphasized on multiple co-benefits associated with its screening high risk populations for early diagnosis. Dr (Prof) Vivek Mehta shared possible treatment options across regions, worldwide, and the adoption of steps in reducing oral cancer through this awareness drive. He advocated multidisciplinary approaches for the treatment of oral cancer through referral to multispecialty hospitals in nearby locations.

More than 150 persons, who joined the camp, were screened individually using Arogya Arohan App, distributed basic oral hygiene kits, and issued prescriptions. They expressed their interest in

the event and suggested that such oral cancer awareness drives should be organized at regular intervals to increase awareness and create a healthy environment among factory workers.

All the stakeholders of Bhiwadi Manufacturers' Association, including the President, Vice-President, and Secretary were grateful for this initiative and expressed their keenness to organize such camps in future, which will help to improve the health of their employees.

Prof. Saima Saeed

Chief Public Relations Officer

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