



**ORAL
CANCER**
AWARENESS
MONTH APRIL



Dr. B. C. Roy Multi Speciality Medical Research Centre, IIT Kharagpur in association with IEEE Kharagpur (EMBS and EMB Student Branch Chapter), cordially invites you to a symposium on

“Interdisciplinary Innovations in Oral Health: from Prevention to Treatment”
to observe Oral Cancer awareness month on
10th April, 2024

Last date of registration & abstract submission:
8th April, 2024. Registration is compulsory.

Register online at: <https://erp.iitkgp.ac.in/CEP/courses.htm>

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ORAL CANCER AWARENESS MONTH APRIL



Prof. (Dr.) Asitava Deb Roy
Vice Dean, Faculty of Medicine,
Professor and Head of Pathology, MGM
Medical College



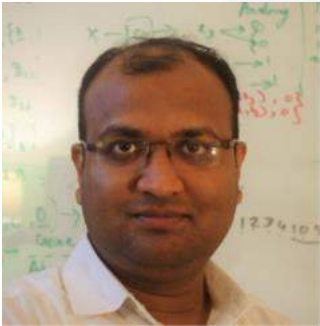
Dr. Basudev Lahiri
Assistant Professor Nano Bio
Photonics Group
Department of Electronics &
Electrical Communication
Engineering, IIT Kharagpur



Prof. (Dr.) Ranjan Rashmi Paul
Professor and Head,
Department of Oral and Dental Sciences,
JIS University, Kolkata



Prof. Jyotirmoy Chatterjee
Former Head, SMST, IIT Kharagpur



Dr. Debdoot Sheet
Assistant Professor
Department of Electrical Engineering,
IIT Kharagpur



Dr. (Lt. Col) Abhishek Pathak
Consultant Oncologist,
Command Hospital, Lucknow



Dr. Parmeshwar Satpathy
Assistant Professor
Community Medicine
BCRMRC, IIT Kharagpur



Prof. (Dr.) Mousumi Pal
Professor and Head,
Department of Oral and
Maxillofacial Pathology, Guru Nanak
Institute of Dental Sciences and
Research, Kolkata



Dr. Arindam Ghosh
Assistant Professor
Biochemistry
BCRMRC, IIT Kharagpur



ORAL CANCER AWARENESS MONTH APRIL

9:45 - 10 am

Registration

10 am - 10:30 am

Inauguration and Opening

**Prof. Soumen Das
Prof. Mahitosh Mandal
Dr. Seema Roy**

10:30 am - 11 am

Epidemiology of Oral Cancer

Dr. Parmeshwar Satpathy

11 am - 11:30 am

**AI and statistical mechanics for In situ
histology of Oral Lesions**

Dr. Debdot Sheet

11:30 am - 12 pm

Molecular diagnostics in Oral Cancer

Dr. Arindam Ghosh

12 pm - 12:15 pm

Tea Break



12:15 pm - 12:45 pm

**Fourier Transform Infrared (FTIR)
micro- spectroscopic analysis and
classification of pre-cancerous human
oral tissue as an alternate to routine
Histopathological diagnostics**

Dr. Basudev Lahiri

12:45 pm - 1:15 pm

**Role of AI in diagnosis of oral lesions:
Is it going to replace us Pathologists?**

**Prof. (Dr.) Asitava Deb
Roy**

1.15 pm - 2.15 pm Lunch Break





ORAL CANCER AWARENESS MONTH APRIL

2:30pm - 3.30pm

Multimodal Imaging Augmented
Oral Precancer and Cancer
diagnostics

Prof (Dr.) Ranjan Rashmi Paul
Prof. Jyotirmoy Chatterjee

3:30pm - 4pm

Catalysts of change: The
Transformative role of technology
in Oral Cancer detection, diagnosis
and treatment

Dr. (Lt. Col) Abhishek Pathak

Poster Presentation

“Theranostic advancements in Oral Health: Exploring new horizons”

4 pm - 4.15 pm High Tea



4:15-5:15 PM

Panel Discussion

“A broader roadmap on
the role of AI in Oral
cancer “

Prof. Jyotirmoy Chatterjee
Prof. (Dr.) Ranjan Rashmi Paul
Prof. (Dr.) Mousumi Pal
Dr. Debdot Sheet
Dr. Basudev Lahiri

Venue: Dean’s Council Room, Ground Floor, Life Science
Building, IIT Kharagpur



ORAL CANCER AWARENESS MONTH APRIL

Organizing Committee from IIT Kharagpur

- **Principal coordinator : Dr. Shirin Dasgupta**



- **Co-coordinators : Dr. Arijita Banerjee, Dr. Arindam Ghosh, Dr. Subhamoy Mandal**



- **Program Monitor : Dr. Aritri Bir**



- For any query related to registration and poster presentation please write to academics.bcrmrc@gmail.com

Student Volunteers from IIT Kharagpur

- **Eashita Chowdhury**, Chair, IEEE EMB Student Branch Chapter
- **Pallab Das**, Vice-Chair, IEEE EMB Student Branch Chapter
- **Uttaran Bhattacharjee**, Secretary IEEE EMB Student Branch Chapter