

DEPARTMENT OF ORAL MEDICINE AND RADIOLOGY

TAGORE DENTAL COLLEGE AND HOSPITAL

PROGRAM CATEGORY	GUEST LECTURE
NAME OF THE PROGRAMME	GUEST LECTURE – RADIATION PHYSICS
DATE	23/06/2021
DAY	WEDNESDAY
VENUE	GOOGLE MEET - HTTPS://MEET.GOOGLE.COM/UYM-AIDR-BUK
ORGANIZERS	DEPARTMENT OF ORAL MEDICINE AND RADIOLOGY
NUMBER OF PARTICIPANTS	76
RESOURCE PERSON	DR.SARUMATHI, M.D.S. PROFESSOR DEPARTMENT OF ORAL MEDICINE AND RADIOLOGY SHREE BALAJI DENTAL COLLEGE AND HOSPITAL



TAGORE DENTAL COLLEGE & HOSPITAL



DEPARTMENT OF ORAL MEDICINE AND RADIOLOGY
GUEST LECTURE REPORT

VENUE: <https://meet.google.com/uym-aidr-buk>

DATE : 23-06-2021 (WEDNESDAY)

TIME : 9:.00 AM



TAGORE DENTAL COLLEGE & HOSPITAL

Rathinamangalam, Melakkottaiyur Post, Chennai -600 127, Ph: 30102222
Recognized by The Dental Council of India, New Delhi
Affiliated to the Tamilnadu Dr. M.G.R. Medical University, Chennai.

DENTAL EDUCATION UNIT

Email: dentaedu@tagoredch.in

LT.REF NO. TDC&H/DEU/2021/57

16.06.2021

CIRCULAR

There will be a guest lecture organized by Department of Oral Medicine and Radiology, Tagore Dental College and Hospital for final year BDS students on 23.06.2021(Wednesday) at 09:00 to 10:00 AM on the topic "Radiation Physics" by Dr. Sarumathi, Professor, Sree Balaji Dental College and Hospital, Chennai. All the final year students should attend the program without fail.

Final year Google meet classroom link: <https://meet.google.com/uym-aidr-buk>

Thank You

Chairman, DEU

Principal

Dr. S. Balagopal
Chairman

Dr. Vandana James
Member Secretary

Dr. Makeash Raj
Member

Dr. Narasimman
Member

DK.Mahalakshmi
Member

Dr. Priyadarshni
Member

Dr. S.Parvathi
Member

Dr. C. Charanya
Member

Dr. Nivedha Subburaman
Member

Dr. A. Nandhini
Member



TAGORE DENTAL COLLEGE & HOSPITAL

Rathinamangalam, Melakkottaiyur (Po), Chennai-600127

From

14-06-2021

Dr. G.S.Asokan,

Head of the Department,

Department of Oral Medicine and Radiology,

Tagore Dental College and Hospital,

Chennai.

To

Dr. Sarumathi,

Professor,

Department of Oral Medicine and Radiology,

Sree Balaji Dental College and Hospital,

Chennai.

Respected Mam,

Sub- Invitation to deliver the guest lecture

I, on behalf of Department of Oral Medicine and Radiology, Tagore Dental College & Hospital invite you to deliver the guest lecture titled "Radiation Physics" on 23rd June 2021. We are looking forward to have an interactive session with you.

Thanking You,

Yours Faithfully,

(Dr.G.S.ASOKAN)

Dr. G.S. ASOKAN
Professor & HOD,
Dept. of Oral Medicine & Radiology,
TAGORE DENTAL COLLEGE AND HOSPITAL
RATHINAMANGALAM, MELAKKOTTAIYUR (PO)
CHENNAI-600 127.



Sree Balaji Dental College and Hospital
Pallikaranai, Chennai - 600100



16/06/2021

Chennai

From

Dr T.Sarumathi,

Professor,

Department of Oral Medicine & Radiology,

Sree Balaji Dental College and Hospitals,

Bharath Institute of Higher Education and Research,

Chennai.

To

Dr.G.S.Asokan

Professor & HOD,

Tagore Dental College and Hospitals,

Chennai.

Dear Sir,

I herewith give my acceptance for delivering a guest lecture on 23rd June 2021 on Radiation Physics.

Kind Regards

Dr T. Sarumathi

DEPARTMENT OF ORAL MEDICINE AND RADIOLOGY

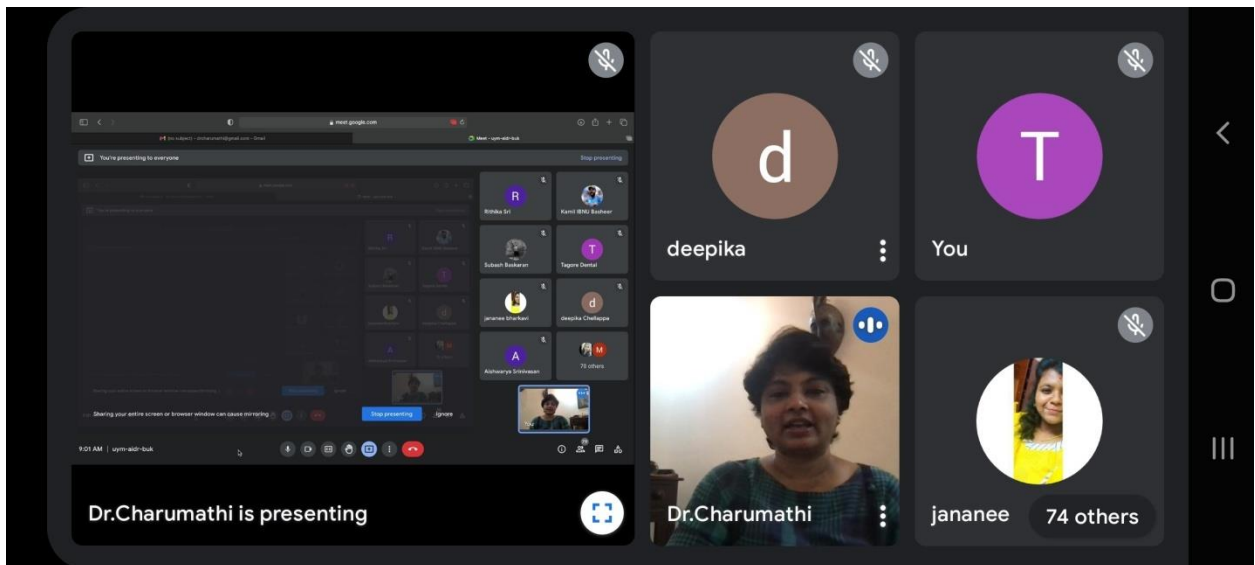
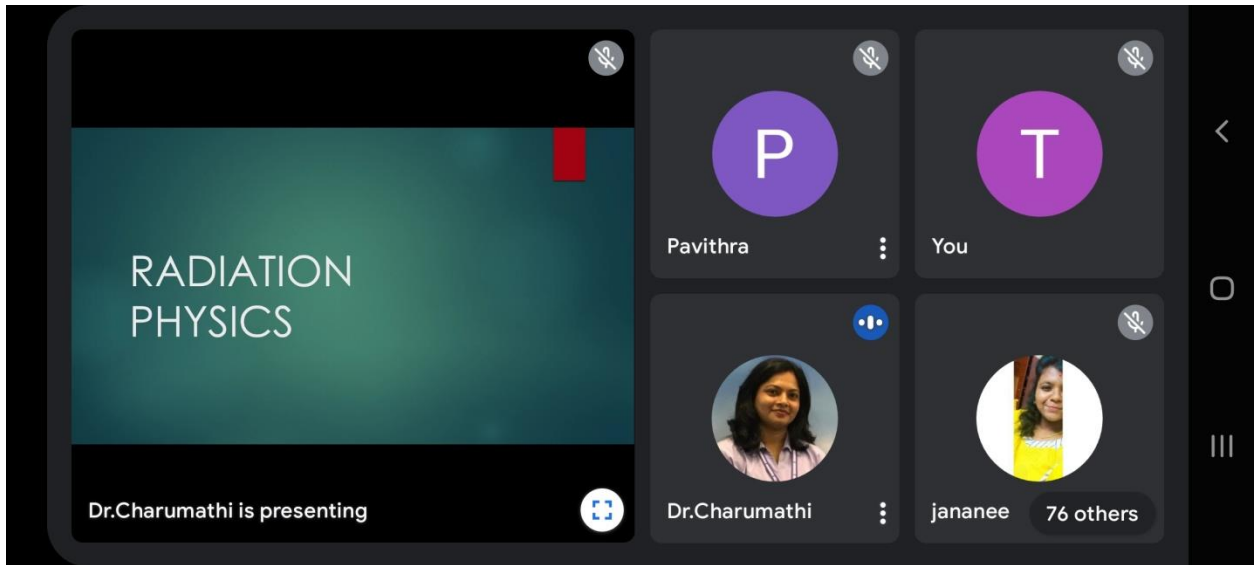
TAGORE DENTAL COLLEGE AND HOSPITAL

GUEST LECTURE

A Guest lecture was organized by The Department of Oral Medicine and Radiology on 23.06.2021 (Wednesday) for final year B.D.S. students. **Dr. SARUMATHI M.D.S.**, Shree Balaji Dental College and Hospital, Chennai, was invited to deliver a lecture on Radiation Physics.

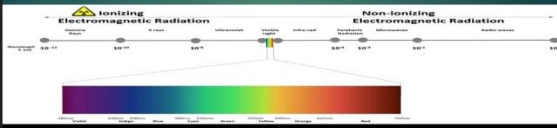
The event started at 9.00 AM with a introduction of speaker by Dr. S. Parvathi M.D.S., Senior Lecturer, Department of Oral Medicine and Radiology. It was followed by the lecture for one hour. In her lecture she emphasized the basics of matter and radiation with a detailed explanation of how x rays are produced with a brief note on dosimetry.

At the end of the guest lecture, Vote of thanks was given by Dr. G.S.Asokan, Head of the Department. As per the feedback received from the students the lecture was very informative and interesting.




ELECTROMAGNETIC RADIATION

- ▶ Electromagnetic radiation is the movement of energy through space as a combination of electric and magnetic fields
- ▶ It is generated when the velocity of an electrically charged particle is altered
- ▶ Eg: gamma rays, x rays, uv rays, visible light
- ▶ Quantum theory considers electromagnetic radiation as small discrete bundles of energy called photons.
- ▶ Each photons travel at the speed of light and contains a specific amount of energy. The unit of photon energy is electron volt(eV)




Ionizing Electromagnetic Radiation
Non-ionizing Electromagnetic Radiation


Dr.Charumathi is presenting




Dr.Charumathi



You



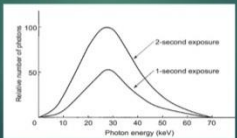
Gokula priya. R




AKASH V 79 others

EXPOSURE TIME


- ▶ Exposure time is directly proportional to number of photons generated at all energies.
- ▶ Exposure time typically measured in fraction of second
- ▶ The range of photon energy is unchanged




Dr.Charumathi is presenting




Dr.Charumathi



You



Gokula priya. R



AKASH V 79 others

ATTENDANCE LIST

1. AARTHI P
2. AARUDRADEVI J G
3. ABHITHA SHREE S
4. AISHWARYA K
5. AISHWARYA S
6. AJAI KUMAR
7. AJITH KUMAR S
8. AKASH V
9. AKSHAYA N
10. ANITHA ROSELIN S
11. ANJALI V
12. ANUSIYA J
13. AYISHA M
14. BAKYA LAKSHMI V
15. BALAJI S A
16. BHARANY MALAVIKA J
17. BHARGAVI T
18. BHAVANKUMAR V
19. DEEPAK RAJ J
20. DEEPIKA BARATHI M
21. EZHIL BHARATHI I
22. GAYATHRI V A M
23. GOKULA PRIYA R
24. GOPINATH B
25. GOWARDHAN S
26. HARITHA R
27. JANANEE BHARKAVI N
28. JANISHA M
29. JEBASELVI P
30. JEYAMITHA R
31. KALKI PRIYA A
32. KALPITA DEB BARMAN
33. KAMIL HANEEF P
34. KARTHIKEYAN A
35. KRISHNAPRIYA R
36. KRITHIKA A
37. MALARVIZHI G

38. MARIA SELVA VIVETHA A
39. MONISHA N C
40. MUTHU MEENAL M
41. NAFEESA A
42. NIRMALA S
43. NISHA DAPHNE R
44. NISHAALI M M
45. PAVITHRA M
46. POOJA DHARSHINI R
47. PRAVINA
48. PREETHA J H
49. PRIYA S
50. PUVITHA A
51. RAGAPRIYA
52. RAJ SHREE E
53. RAKSHNA N
54. RAMYA M
55. RESHMA S
56. RITHIKA SRI S
57. SAROJINI M S
58. SETHU SREE G
59. SHARMILA E
60. SHREEYAN NAYAR M N
61. SHRIKAVI M
62. SIVARANJANI S
63. SREE LAKSHMI S
64. SRIDEVI S
65. SRIJANANI S
66. STAVAN V
67. SUBASH B
68. SUBASH M
69. SUGUMARI V
70. SUMAIYA B
71. SUMAIYA FATHIMA T

72. SUTHAMANCHARRI S
73. THILAKRAJ S
74. VASANTHAN R M
75. VETHIKA K
76. VIVETHA