

REPORT OF
JMC CHEM WEBINAR SERIES (2021-2022)
Webinar-II

Conducted on

17th Saturday, July, 2021



Since 1951

PG AND RESEARCH DEPARTMENT OF CHEMISTRY
College with Potential for Excellence
Accredited (3rd cycle) with 'A' Grade by NAAC
DBT Star College Scheme & DST-FIST Funded
(Affiliated to Bharathidasan University)
Tiruchirappalli -620 020, Tamil Nadu, India



Since 1951

PG AND RESEARCH DEPARTMENT OF CHEMISTRY
College with Potential for Excellence
Accredited (3rd cycle) with 'A' Grade by NAAC
DBT Star College Scheme & DST-FIST Funded
(Affiliated to Bharathidasan University)
Tiruchirappalli -620 020, Tamil Nadu, India.

REPORT

JMC Chem Webinar Series 2021-22 **Webinar – II**

PG and Research Department of Chemistry, Jamal Mohamed College was organized **JMC Chem Webinar Series 2021-2022, Webinar-II** on Saturday, 17th July 2021 through Zoom Cloud meeting app.

Dr. A. Zahir Hussain, Organizing Secretary, welcomed the gathering and Dr. M. Mohamed Sihabudeen, Additional Vice-Principal and Head of the Department of Chemistry offered felicitation. Dr. M. Syed Ali Padusha, Coordinator, introduced the Chief Guest.

Dr. R. Mayil Murgan, Assistant Professor, School of Chemistry, Madurai Kamaraj University, Madurai, was the Resource person of the webinar who is delivered a special lecture on **"Iron Based MRI Contrast Agents"**. He enlightened on the recent method of development in MRI contrast agent using iron and highlighted the vital role played on human wellness.

During interaction session, resource person clarified the queries arose by the participants. Dr. N. Mujafar Kani, Assistant Professor, acted as a moderator of the webinar. Around 250 delegates participated in the webinar. The success of the webinar was revealed by the feedback received from the delegates through google form. Dr. A. Asrar Ahamed, Organizing Secretary, proposed a vote of thanks.

JMC Chem Webinar Series - II (2021-22)

Date: 17.07.2021

Resource Person: Dr. R. Mayil Murgan

Recording... LIVE on Custom Live Streaming Service... You are viewing Dr. Ramasamy Mayilmurugan MKU's screen View Options

Iron Based MRI-Contrast Agents

Dr. Ramasamy Mayilmurugan
School of Chemistry
Madurai Kamaraj University
Madurai - 625 021, India
E-mail: mayilmurugan_chem@mkuniversity.ac.in
ramamayil@gmail.com

CHEMISTRY: FROM MOLECULES TO MAN

Unmute Start Video Security Participants 100 Polls Chat 8 Share Screen Pause/Stop Recording Reactions More End

Recording... LIVE on Custom Live Streaming Service... You are viewing Dr. Ramasamy Mayilmurugan MKU's screen View Options

Medical Diagnostic Imaging

Magnetic Resonance Imaging

- Radio waves
- No harmful radiation
- Good special resolution
- Limitless scan

Nuclear

- Radio active elements
- Harmful radiation

Ultrasound

- High-frequency sound waves
- Poor special resolution
- No radiation

CT Scan

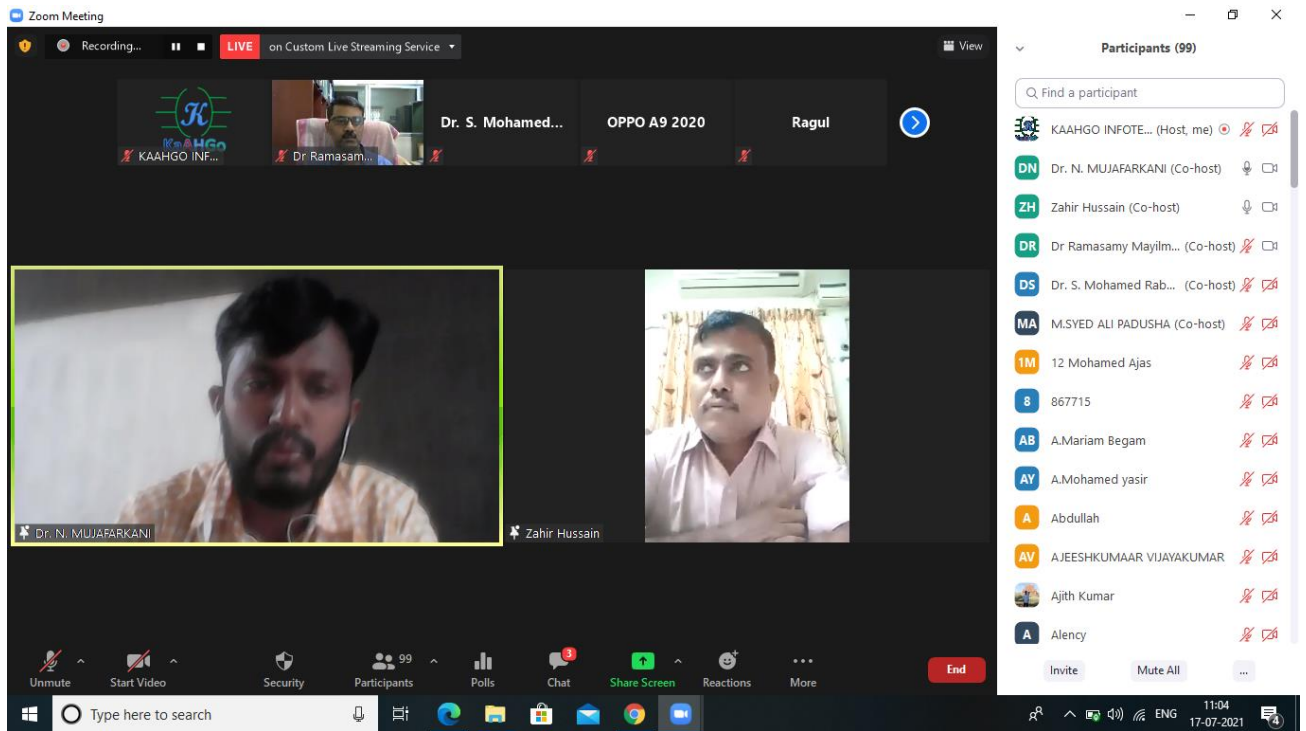
- X-Ray
- Good spatial resolution
- Harmful radiation

X-rays Imaging

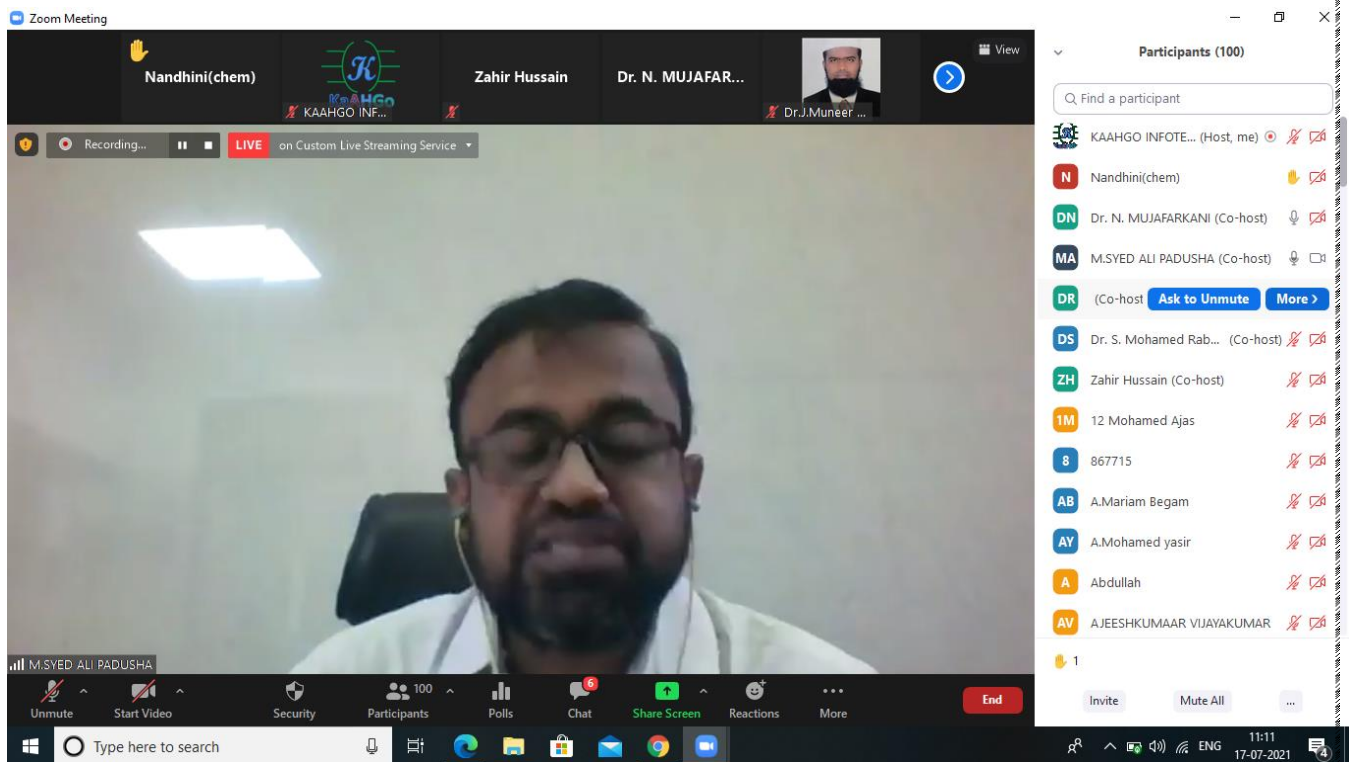
- X-Ray
- Harmful radiation
- Mainly for bone imaging

Unmute Start Video Security Participants 100 Polls Chat 8 Share Screen Pause/Stop Recording Reactions More End

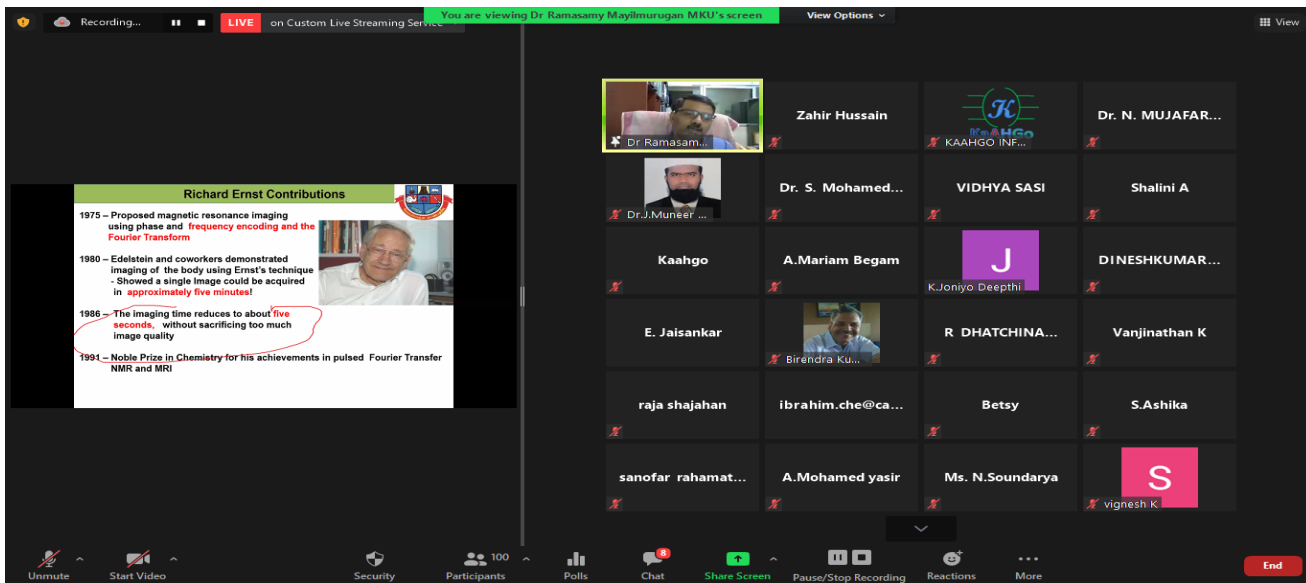
Dr. R. Mayil Murgan, Resource Person delivers a Lecture



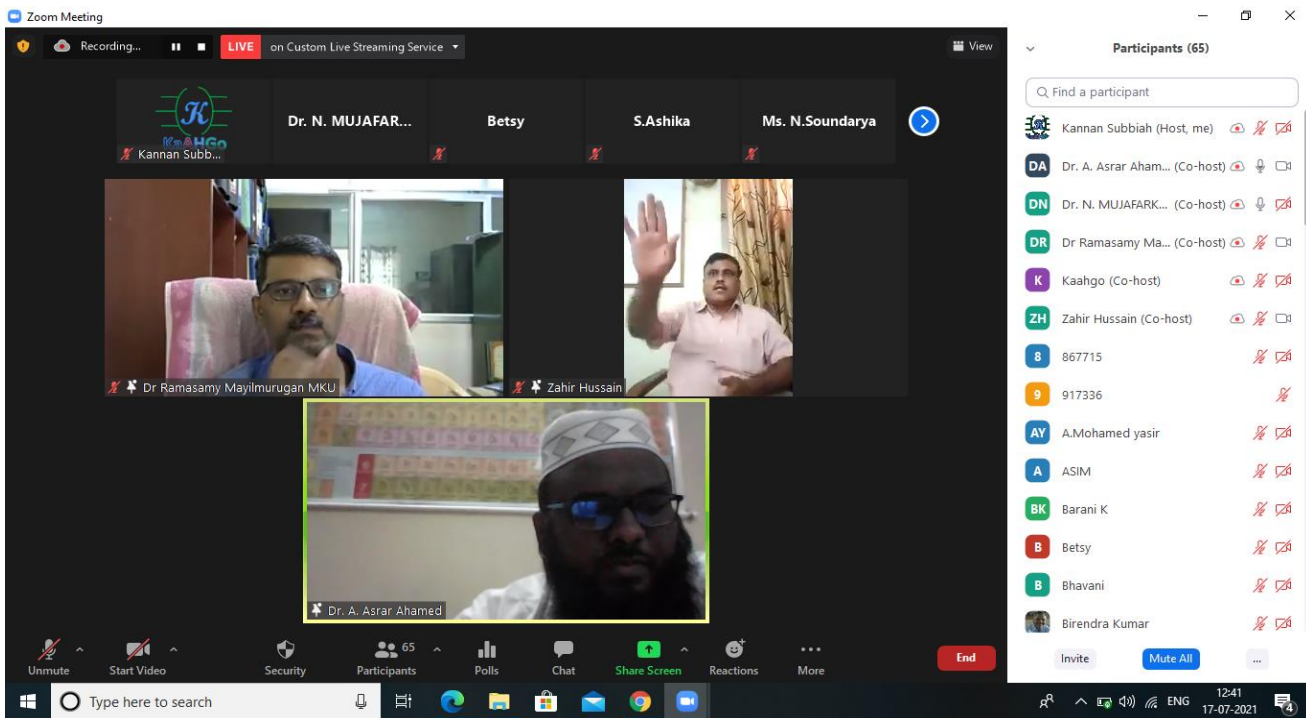
Dr. N. Mujafar Kani, Assistant Professor, acted as a moderator of the webinar and
 Dr. A. Zahir Hussain, Organizing Secretary welcomes the gathering.



Dr. M. Syed Ali Padusha, Coordinator, introduces the Chief Guest.



Interactive session of participant with resource person



Dr. A. A. Asrar Ahamed, Organizing Secretary, proposes a vote of thanks.

Registration Details

Dear Sir / Madam

Greetings from Jamal Mohamed College!!!

PG and Research Department of Chemistry, Jamal Mohamed College (Autonomous), Tiruchirappalli, is very much delighted in inviting you for the webinar on

"Iron Based MRI Contrast Agents" on 17.07.2021, Saturday at 11.00 a.m. through Virtual Mode.

For registration, fill this form with utmost care. You are able submit only once.

Resource Person

Dr. R. Mayil Murugan

Assistant Professor

School of Chemistry

Madurai Kamaraj University

Madurai.

Organizing Chairperson

Dr. S. Ismail Mohideen

Principal

Conveners

Dr. M. Mohamed Sihabudeen

Additional Vice-Principal

Associate Professor & HOD

Dr. M. Seenil Mubarak

Associate Professor

Co-ordinators

Dr. A. Jafar Ahamed

Associate Professor

Dr. M. Syed Ali Padusha

Associate Professor

Organizing Secretaries

Dr. A. Zahir Hussain

Assistant Professor

Dr. A. Asrar Ahamed

Assistant Professor

For further quires,

contact: +91 98655 17744, +91-98423 80379

E-mail: asrar@jmc.edu

No Registration Fee

E-Certificate will be Provided

Click to Register : <https://forms.gle/iRVV7wyCnLSu17bo7>

Zoom and You tube link details

Dear Participant,

Greetings from the PG and Research Department of Chemistry, Jamal Mohamed College!!
Our webinar will begin at 11.00 am on Saturday, 17th July 2021 via Zoom cloud meeting app and Youtube Live....

Join Zoom Meeting

<https://us02web.zoom.us/j/85284097312?pwd=WINLVm9KTmhuWUpJSkxnR2xhSXk2Zz09>

Meeting ID: 852 8409 7312

Passcode: 867715

Youtube Live Link - <https://youtu.be/dpoyZAQnzJ4>

Thank you very much for your interest.

Instructions:

You are requested to sign in the zoom app 15 minutes prior to the commencement of the program.

You are asked to mute your audio and video once you are logged in.

If you have any doubt or query, kindly post your questions in the chat box at the end of the session.

Feedback link will be posted in the chat box at the end of the session.

E-Certificate will be provided to the participants who attend the entire session and submit the feedback form. Kindly fill-up your details (Name, Designation, Institution Address, E-mail id and so on) in the feedback form with due care as the certificate is generated by the system based on the information provided.

Feel free to contact us, in case you have not received the E-certificate.

We solicit your earnest Co-operation for the smooth conduct of the programme.

Stay Safe and Healthy!!!

**With Regards
Organizing Team**

PG and Research Department of Chemistry
Jamal Mohamed College (Autonomous)
Tiruchirappalli-620 020

Tamilnadu, India

For any queries/clarifications, kindly contact:

+91-98655 17744

+91-98423 80379