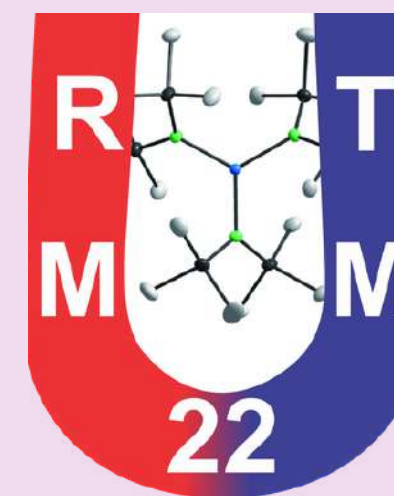




Staff and Students of the  
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**cordially invite you to the inaugural function of**

**International Conference on  
Recent Trends in Materials and Magnetism  
(RTMM - 22)**

**(December 15 - 16, 2022)**

**at Lawrence Sundaram Hall (L. S. Hall)**

**on Thursday, December 15, 2022 at 9.00 AM**

**Rev. Dr. B. Jeyaraj SJ**

Secretary & Correspondent,  
Loyola College, Chennai - 34

**Presides**

**Rev. Dr. A. Thomas SJ**

Principal, Loyola College, Chennai - 34

**Felicitates**

**Dr. J. Christopher**

Chief General Manager,  
Analytical & Projects Department,  
R & D Centre,  
Indian Oil Corporation, Faridabad, Haryana

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**International Conference on  
Recent Trends in Materials and Magnetism  
(RTMM - 22)  
December 15 - 16, 2022**



**Program Schedule**

**Invocation**

**Welcome Address**

**Dr. D. Suresh Kumar**  
Head, Department of Chemistry,  
Loyola College, Chennai - 34

**Honouring the Guests**

**Presidential Address**

**Rev. Dr. B. Jeyaraj SJ**  
Secretary & Correspondent  
Loyola College, Chennai - 34

**Felicitations**

**Rev. Dr. A. Thomas SJ**  
Principal, Loyola College, Chennai - 34

**Introduction of the Chief Guest**

**Dr. A. John Maria Xavier**  
Vice Principal (Shift - I)  
Loyola College, Chennai - 34

**Inaugural Address**

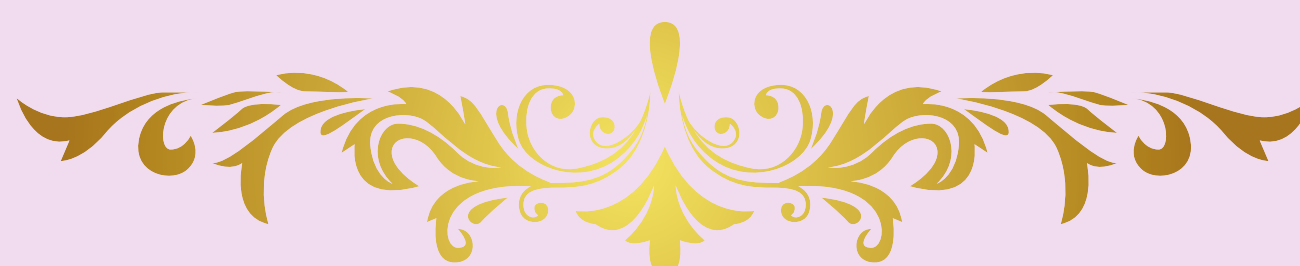
**Dr. J. Christopher**  
Chief General Manager,  
Analytical & Projects Department,  
R & D Centre,  
Indian Oil Corporation, Faridabad, Haryana

**Dynamics of RTMM - 22**

**Dr. M. George Johnson**  
Convener, RTMM - 22  
Loyola College, Chennai - 34

**Vote of Thanks**

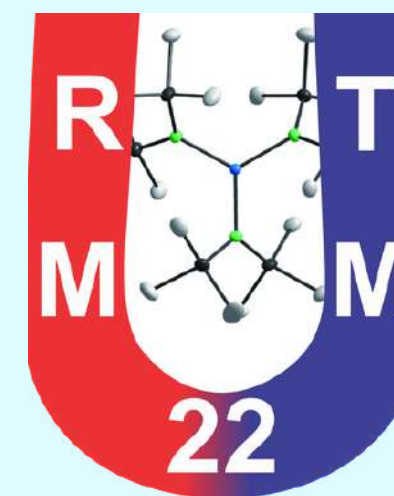
**Dr. M. Jaccob**  
Convener, RTMM - 22  
Loyola College, Chennai - 34







Staff and Students of the  
Department of Chemistry  
Loyola College (Autonomous), Chennai - 600 034



**cordially invite you to the valedictory function of**

**International Conference on  
Recent Trends in Materials and Magnetism  
(RTMM - 22)**

**(December 15 - 16, 2022)**

**at Lawrence Sundaram Hall (L. S. Hall)**

**on Friday, December 16, 2022 at 5.00 PM**

**Rev. Dr. B. Jeyaraj SJ**

Secretary & Correspondent,  
Loyola College, Chennai - 34

**Felicitates**

**Dr. Kitheri Joseph**

Associate Director, Metal Fuel Recycle Group  
MC & MFCG,  
Indira Gandhi Centre for Atomic Research, Kalpakkam

**Delivers the valedictory address**

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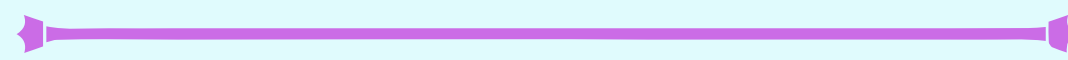
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**Program Schedule**

**Invocation**

**Welcome Address**

**Dr. D. Suresh Kumar**  
Head, Department of Chemistry,  
Loyola College, Chennai - 34

**Felicitations**

**Rev. Dr. B. Jeyaraj SJ**  
Secretary & Correspondent  
Loyola College, Chennai - 34

**Introduction of the Chief Guest**

**Dr. P. Rajalakshmi**  
Coordinator (Shift - II)  
Department of Chemistry,  
Loyola College, Chennai - 34

**Valedictory Address**

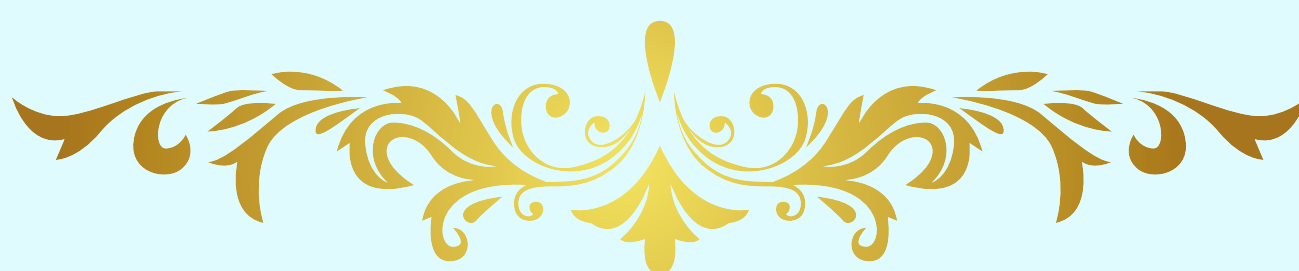
**Dr. Kitheri Joseph**  
Associate Director, Metal Fuel Recycle Group  
MC & MFCG,  
Indira Gandhi Centre for Atomic Research,  
Kalpakkam

**Feedback & Prize Distribution**

**Vote of Thanks**

**Dr. M. Jaccob**  
Convener, RTMM - 22  
Loyola College, Chennai - 34

**National Anthem**



INTERNATIONAL CONFERENCE ON  
**RECENT TRENDS IN MATERIALS AND MAGNETISM**  
 (RTMM – 22)



December 15-16, 2022  
**Program Schedule**



Time	15-12-2022
09.00 – 09.35 AM	Inauguration
<b>Session I</b>	
<b>Chair Person: Dr. P. Sagayaraj, Research Professor, Loyola College, Chennai - 34</b>	
09.35 – 10.25 AM	Plenary Lecture – 1 <b>Dr. Mario Ruben, Karlsruhe Institute of Technology, Germany</b>
10.25 – 10.55 AM	Invited Talk – 1 <b>Dr. B. Murugesu Pandian, Bharathiyar University, Coimbatore</b>
10.55 – 11.15 AM	Tea Break
<b>Session II</b>	
<b>Chair Person: Dr. D. Suresh Kumar, Head, Department of Chemistry, LC, Chennai</b>	
11.15 – 11.55 AM	Keynote Lecture – 1 <b>Prof. Guillem Aromi, Universitat de Barcelona, Spain</b>
11.55- 12.15 PM	Short Invited Talk – 2 <b>Dr. Jeba Singh, Karunya University, Coimbatore</b>
12.15 – 01.15 PM	ORAL PRESENTATION - I
01.15 – 02.00 PM	LUNCH BREAK
<b>Session III</b>	
<b>Chair Person: Dr. S. Jerome Das, Head, Department of Physics, LC, Chennai</b>	
02.00 – 02.40 PM	Keynote Lecture – 2 <b>Dr. Mahesh Sundararajan, Scientific Officer, BARC, Mumbai</b>
02.40 – 03.10 PM	Invited Talk – 2 <b>Dr. M. Sankaralingam, NIT Calicut, Kerala</b>
03.10 – 04.00 PM	POSTER SESSION
	TEA BREAK
<b>Session IV</b>	
<b>Chair Person: Dr. J. Judith Vijaya, Dean of Science, LC, Chennai</b>	
04.00 – 04.40 PM	Key Note Lecture – 3 <b>Prof. Eva Rentschler, Johannes Gutenberg University, Germany</b>
04.40 – 05.10 PM	Invited Talk – 3 <b>Dr. Prabha Vadivelu, Central University of Tamil Nadu, Thiruvarur</b>
05.10 – 05.40 PM	Invited Talk – 4 <b>Dr. B. Kishore Babu, Andhra University, Andhra Pradesh</b>

INTERNATIONAL CONFERENCE ON  
**RECENT TRENDS IN MATERIALS AND MAGNETISM**  
 (RTMM – 22)



December 15-16, 2022  
**Program Schedule**



Time	16-12-2022
<b>Session V</b>	
<b>Chair Person: Dr. M. Selvanayagam, Director, LIFE, LC, Chennai</b>	
09.00 – 09.40 AM	Keynote Lecture – 4 <b>Dr. Grace G. Morgan, University College Dublin, Ireland</b>
09.40 – 10.20 AM	Keynote Lecture – 5 <b>Prof. K. Pandian, University of Madras, Chennai</b>
10.20 – 11.00 AM	Keynote Lecture – 6 <b>Dr. R. Kothandaraman, IIT Madras, Chennai</b>
11.00 – 11.20 AM	Tea Break
11.20 – 12.20 PM	<b>ORAL PRESENTATION - II</b>
<b>Session VI</b>	
<b>Chair Person: Dr. P. Raja Lakshmi, Coordinator (Shift - II), Dept.of Chemistry, LC, Chennai</b>	
12.20 – 01.00 PM	Invited Talk – 5 <b>Dr. R. Lakshmi Narayanan, HLL Lifecare Ltd. Thiruvananthapuram, Kerala</b>
01.00 – 01.20 PM	Short Invited Talk – 2 <b>Dr. S. Mahalakshmi, VIT, Chennai</b>
01.20 – 02.00 PM	LUNCH BREAK
<b>Session VII</b>	
<b>Chair Person: Dr. S. Daniel Das, Assistant Professor, Chemistry, LC, Chennai</b>	
02.00 – 02.40 PM	Keynote Lecture – 7 <b>Prof. G. Rajaraman, IIT Bombay, Powai, Mumbai</b>
02.40 - 03.10 PM	Invited Talk – 6 <b>Dr. G. H. Gunasekar, CSIR-IICT, Hyderabad</b>
03.10 – 03.40 PM	Invited Talk – 7 <b>Dr. K. Sundaravel, Bharathiyar University, Coimbatore</b>
03.40 – 04.00 PM	TEA BREAK
<b>Session VIII</b>	
<b>Chair Person: Dr. J. Madhavan, Dean of Research, LC, Chennai</b>	
04.00 -04.40 PM	Keynote Lecture – 8 <b>Dr. Raja Angamuthu, IIT Kanpur, Kanpur</b>
04.40 – 05.10 PM	Invited Talk – 8 <b>Dr. Sriram Sundaresan, Johannes Gutenberg University, Germany</b>
05.10 – 06.00 PM	<b>Valedictory</b>