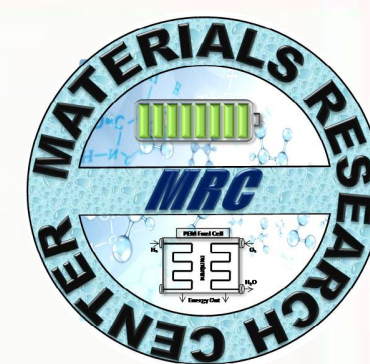




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**The Management,
Staff and Students of
Research Centre of Physics
&
Department of Chemistry**

In collaboration with

**Materials Research Center
Run by Subramanian - Thangathai Educational Trust
Coimbatore - 641045**

Cordially invite you to the

**NATIONAL WORKSHOP ON
SUPER IONIC CONDUCTORS AND ITS APPLICATIONS TO
BATTERY, FUEL CELL AND SUPERCAPACITOR
NSICA - 2022**

on 15th & 16th December, 2022

VENUE: JUBILEE HALL

Prof. Dr. J. Kumar *M.Sc., Ph.D. (India), DSSTM (Italy)*
*Vice-Chancellor of Madurai Kamaraj University
Madurai*

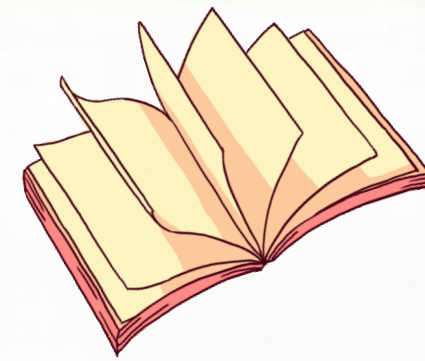
Inaugurates the Workshop

&

Prof. Dr. K. Hariharan *M.Sc., Ph.D. (IIT Madras)*
*Formerly Professor of Physics,
Indian Institute of Technology Madras, Chennai*
delivers the Valedictory Address



PROGRAMME



Day-1 (15.12.2022)

- **Registration** (09.00 am - 10.00 am)
- **Inauguration** (10.00 am - 11.00 am)
 - **Presided by: Dr. Sr. G. Celine Sahaya Mary**, Principal, Fatima College, Madurai
 - **Welcome Address: Dr. A. Sheela Vimala Rani**
Head & Associate Professor, Research Centre of Physics, Fatima College, Madurai.
 - **Felicitation: Dr. Sr. M. Francisca Flora**, Secretary, Fatima College, Madurai
 - **Inaugural Address: Prof. Dr. J. Kumar**
Vice-Chancellor of Madurai Kamaraj University, Madurai.

Tea Break

- **Lecture:1** (11.30 am - 12.15 pm)
 - Topic: Super Ionic Solids and its Applications**
Dr. B. Nalini M.Sc., Ph.D. (Physics), M.S (Education Management)
Assistant Professor, Department of Physics, Avinashilingam Institute of Home Science and Higher Education for Women, Coimbatore.
- **Lecture:2** (12.15 pm - 01.00 pm)
 - Topic: Solid State Ionics - Materials Development**
Dr. K. Hariharan M.Sc., Ph.D. (IIT Madras)
Formerly Professor of Physics, Indian Institute of Technology Madras.

Lunch Break

- **Lecture:3** (01.30 pm - 02.15 pm)
 - Topic: AC Impedance Analysis**
Dr. S. Karthikeyan M.Sc., Ph.D.
Assistant Professor, Department of Physics, Madras Christian College, Chennai.
- **Hands-on training** (02.15 pm - 04.30 pm)
 - Prof. S. Selvasekarapandian M.Sc., Ph.D. (IIT Madras)**
Director, Materials Research Center & Emeritus Professor, Department of Physics, Bharathiar University, Coimbatore.
& Team
"Solid State Electrolyte Preparation and an introduction to AC Impedance Analysis"

Day-2 (16.12.2022)

- **Lecture:1** (09.00 am - 09.45 am)
 - Topic: Primary Battery and Secondary Battery**
Dr. R. Chitra M.Sc., M.Phil., Ph.D.
Head & Assistant Professor, Department of Physics, Kongu Arts and Science College, Erode.
- **Lecture:2** (09.45 am - 10.30 am)
 - Topic: Fuel Cell**
Dr. G. Boopathi M.Tech., Ph.D.
Assistant Professor, Department of Agricultural Engineering, Amrita School of Agricultural Sciences, Coimbatore.
- **Lecture:3** (10.45 am - 11.30 am)
 - Topic: Supercapacitor**
Dr. N. Priyadharshini M.Sc., M.Phil., Ph.D.
Assistant Professor, Department of Physics, PSGR Krishnammal College for Women, Coimbatore.
- **Hands - on training** (11.30 am - 01.00 pm & 01.45 pm - 03.15 pm)
 - Prof. S. Selvasekarapandian M.Sc., Ph.D. (IIT Madras)**
Director, Materials Research Center & Emeritus Professor, Department of Physics, Bharathiar University, Coimbatore.
& Team
"AC Impedance Analysis and Primary Battery Fabrication"

Lunch Break (01.00 pm - 01.45 pm)

- **Valediction** (03.30 pm - 04.30 pm)
 - **Valedictory Address: Prof. Dr. K. Hariharan**
Formerly Professor of Physics, Indian Institute of Technology Madras, Chennai
 - **Vote of Thanks: Dr. B. Medona**
Head & Associate Professor, Department of Chemistry, Fatima College.

