

Conference Overview



Three Days International Conference on Contemporary Catalysis, Energy and Sustainability (ICCC-2022)

JUNE 21st -23rd, 2022

Organized by
SPARC Scheme of MHRD, Government of India

Venue : Online link will be provided

International and Inter University
Centre for Nanoscience and Nanotechnology &
School of Pure and Applied Physics
Mahatma Gandhi University
Kottayam- 686560, Kerala, India

International and Inter University Centre for Nanoscience and Nanotechnology (IIUCNN) & School of Pure and Applied Physics (SPAP) of Mahatma Gandhi University (MGU) with the support of SPARC (Scheme for Promotion of Academic and Research Collaboration), an initiative of MHRD, Government of India proudly announce 'Three Days International Conference on Contemporary Catalysis, Energy and Sustainability' – ICCC 2022 in collaboration with Ariel University and Ben-Gurion University of the Negev, Israel. The conference can be viewed as an essential contribution to the global scientific community, considering the recent remarks and promising potential of the greener applications of contemporary catalysis emphasizing energy and sustainable environment. ICCC-2022 also caters to develop a fruitful synergy between inquisitive students and speakers to expound the known and explore the unknown ideas and opportunities.

Our Patron



Prof (Dr) Sabu Thomas BTech, PhD, FRSC

Honourable Vice-Chancellor, Mahatma Gandhi University, Kottayam, Kerala, India

Professor of Polymer Science & Engineering, School of Chemical Sciences and the Director of International and Inter University Centre for Nanoscience and Nanotechnology, Mahatma Gandhi University; joined the University in the year 1987. Since then, he has relentlessly worked hard to expound the known and explore the unknown in the fields of scientific research and teaching. With 35 years of methodological legacy and strong polymer science and engineering background, he has evolved to be a marquee of macromolecular science and green composites for interplay applications.

Convenor

Prof (Dr) Nandakumar Kalarikkal

Senior Professor
School of Pure and Applied Physics
Mahatma Gandhi University, Kerala, India



Keynote Speakers



Prof (Dr) Dan Meyerstein

Professor
Department of Chemical Sciences and the
Schlesinger Family Center for Compact
Accelerators, Radiation Sources and
Applications, Ariel University, Israel
Professor Emeritus, Chemistry Department,
Ben-Gurion University, Israel



Prof (Dr) P Selvam

Head, National Centre for Catalysis Research
Professor, Department of Chemistry
Indian Institute of Technology Madras
Tamilnadu, India

Plenary Speakers



Prof (Dr) Alex Schechter

Professor
Departments of Chemical sciences
Faculty of Natural Sciences
Head, Renewable Energy Material Chemistry
Ariel University, Israel
Chair, Research & Development Centre of
Renewable Energy
University of west bohemia, Czech Republic



Prof (Dr) Haya Kornweitz

Professor
Head, Department of Chemical
Sciences
Ariel University, Israel



Dr N R Shiju Raveendran

Associate Professor
Catalysis Engineering
Van 't Hoff Institute of Molecular Sciences
University of Amsterdam, Netherlands

Prof (Dr) Daniel Nessim

Associate Professor
Department of Chemistry
Faculty of Exact Sciences
Bar Ilan University, Israel



Dr Abhijit Saha

Former Centre Director
UGC-DAE CSR Kolkata Centre
West Bengal, India



Prof (Dr) G Anilkumar

Professor
School of Chemical Sciences
Mahatma Gandhi University,
Kerala, India



Dr Muhammad Bashouti

Senior Lecturer, Head
Molecular Interfaces Research Laboratory
Jacob Blaustein Institutes for Desert
Research, Ben-Gurion University
Negev, Israel



Dr Brahmananda Chakraborty

Scientist G
High Pressure & Synchrotron Radiation
Physics Division, Bhabha Atomic Research
Centre (BARC), Mumbai, India





Prof (Dr) N Sandhyarani

Professor
School of Materials Science and Engineering
National Institute of Technology Calicut
Kerala, India



Prof (Dr) Chandra M R Volla

Associate Professor
Department of Chemistry
Indian Institute of Technology Bombay
Maharashtra, India



Prof (Dr) T Daniel Thangadurai

Professor in Chemistry
Associate Director for Research &
Development, KPR Institute of Engineering
and Technology, Tamilnadu, India



Prof (Dr) Usha Aravind

Professor
School of Environmental Studies
Cochin University of Science and Technology
Kerala, India



Dr Swapna S Nair

Associate Professor
Department Of Physics
Central University of Kerala
Kerala, India



Dr. Ditty Dixon

Associate Professor and Ramanujan Fellow
School Of Chemical Sciences
Mahatma Gandhi University,
Kerala, India

Invited Speakers

• Prof (Dr) Rivka Cahan

Associate Professor
Department of Chemical Engineering
Ariel University, Israel

• Prof (Dr) Idit Avrahami

Professor in Mechanical Engineering
Ariel University, Israel

• Dr Kala M S

Associate Professor
Department of Physics
St. Teresa's College (Autonomous), Kerala, India

• Dr Raneesh B

Assistant Professor
Department of Physics, Catholicate College, India

• Dr Palaniappan Subramanian

Senior Researcher, New Technologies Research Center
University of West Bohemia, Pilsen, Czech Republic

• Dr Ramesh Kumar Singh

Assistant Professor
CO₂Research and Green Technologies Centre
Vellore Institute of Technology, Tamilnadu, India

• Dr Arie Borenstein

Senior Lecturer
Department of Chemical Sciences
Ariel University, Israel

• Dr Suja Haridas

Assistant Professor
Department of Applied Chemistry
Cochin University of Science and Technology
Kerala, India

• **Dr K P Jayachandran**

Scientist, IDMEC
University of Lisbon, Portugal

• **Dr Aparna Beena Unni**

Assistant Professor, Faculty of Science and Technology
University of Silesia, Poland

• **Dr Saju Joseph**

Assistant Professor
School of Nanoscience and Nanotechnology
Mahatma Gandhi University, Kerala, India

• **Dr Shyamsunder Hegde**

Associate Professor, Department of Physics
CMR Institute of Technology, Karnataka, India

• **Dr Ramdas Balan**

Associate Professor, Department of Physics
CMR Institute of Technology, Karnataka, India

• **Dr Ann Rose Abraham**

Assistant Professor, Department of Physics,
Sacred Heart College, Thevara, Kochi, Kerala, India

• **Dr Subila K B**

Assistant Professor
School of Chemical Sciences
Mahatma Gandhi University, Kerala, India

• **Dr Sathiyathan Ponnann**

Post-Doctoral Fellow
Korea Advanced Institute of Science & Technology
Daejeon, South Korea

• **Dr Aparna Thankappan**

Assistant Professor
Department of Physics, Baselius College
Kottayam, Kerala, India

• **Dr Chitra Lekha C S**

Post-Doctoral Fellow
International and Inter University Centre for
Nanoscience and Nanotechnology, Kerala, India

• **Dr Shabina Kappadan**

Visiting Researcher
International and Inter University Centre for
Nanoscience and Nanotechnology, Kerala, India

**The detailed program schedule
will be provided soon!**

" Contributory Lectures by Post-Doctoral Fellows and Research Scholars! "

Contact Details:

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For Registration:

<https://docs.google.com/forms/d/1Dztly4axZnh9xWic1Wsbg0URzcQsSwQEtVpGnKFdM8s/edit?ts=62a03fa9>