



DEPARTMENT OF CHEMISTRY

ST. JOSEPH'S COLLEGE (AUTONOMOUS)

Special Heritage status awarded by UGC, Accredited 'A' Grade (4th Cycle) by NAAC
College with Potential for Excellence by UGC, DBT-STAR & DST-FIST Sponsored College
Tiruchirappalli- 620002

International Webinar
on

NEXT GENERATION MATERIALS CHEMISTRY (NGMC-2020)

November 05th & 06th, 2020 (Thursday & Friday)

PATRONS :

Rev. Dr. Leonard Fernando SJ, Rector

Rev. Dr. S. Peter SJ, Secretary

Rev. Dr. M. Arockiasamy Xavier SJ, Principal

CONVENOR :

Dr. S. Joseph Selvaraj, Associate Professor & Head

CO-CONVENOR:

Dr. S. Denis Arockiaraj, Associate Professor

ORGANIZING SECRETARIES :

Dr. A.S. Stella Shalini, Assistant Professor

Dr. JK. Alphonsa Juliet Helina, Assistant Professor

Dr. A. Josephine Kanimozhi, Assistant Professor



For Registration: <https://forms.gle/xm9LsZ9ax5DX4tgQA>

E-certificates will be provided

For queries: 948 726 36 71, 877 89 96 675

e-mail- sjchemngmc@gmail.com

**REGISTER
NOW!**

NEXT GENERATION MATERIALS CHEMISTRY (NGMC-2020)

Session 1 (10.15 am)

Smart Contact Lenses for Ocular Theranostics

Postdoctoral Researcher
Department of Mechanical Engineering
Khalifa University,
Abu Dubai, U.A.E

Dr. A. Dennyson Savariraj



Session 2 (11.00 am)

Advance Functional Nano materials for
Atmospheric CO₂ Conversion into Fuels

Postdoctoral Researcher
Department of Chemical Engineering
Khalifa University of Science and Tech,
PI Campus, U.A.E

Dr. Bharath Govindan



Session 4 (10.15 am)

Renewable Electricity Storage in Small Molecules

FONDECYT Postdoctoral Investigator
Department of Inorganic Chemistry
Faculty of Chemistry and Pharmacy
Pontificia Universidad Catolica de Chila

Dr. Kamala Kanta Nanda



Session 5 (11.00 am)

Green Catalysis Enabled By
Metal Ligand Co- Operation

Associate Professor,
School Of Chemical Science
(NISER)
Bhubaneswar

Dr. C. Gunanathan



DAY
2



Dr. Nahren Manuel Mascarenhas

Assistant Professor
Department of Chemistry
Sacred Heart College,
Tirupattur

Session 3 (11.45 am)

Understanding Ligand Binding Mechanisms
Bind to Select or Select to Bind



Dr. J. Balamurugan

Postdoctoral Researcher
Research Professor
Department of Nano Convergence Engg.
Joonbuk National University,
Joonbuk, South Korea

Session 6 (11.45 am)

Hierarchial 3D Nano- Architectures for
Next Generation Flexible and Wearable Biosensor