

Dear Friends

It gives us immense pleasure in inviting you to participate a two days International e-Conference on Advanced and Innovative Materials for Sustainable Future on June 22th & 23th, 2020 going to be organized by Dept. of Chemistry, R.R.S. College, Patliputra University, Patna -803203.

This International e conference aims to provide a global platform to academicians, researchers, scientists, doctors & engineers coming from academia and industry for a wide ranging multidisciplinary subject's discussion, meaningful interaction and innovative ideas from distinguished scientists and technologists, keynote speeches.

Main Thrust Area

- ✓ Innovative materials for Energy storage, biological, medical, environmental application and sustainable development.
- ✓ Advance synthesis techniques of advanced materials, Characterization and their Applications.
- ✓ Electro-ceramic, Matrix composite, Polymeric and ceramic composites, dielectric, magnetic, ferroelectric, optical, Photoactive, Photochemical, Photovoltaic etc.
- ✓ Metallic Alloys, Superconducting Materials, 3D Printing Materials,
- ✓ Nanoscience, Nano technology, Nano materials, Nanotubes, and Nanofiber for medical and device applications.
- ✓ Enviromental and Green materials, Bio-electronic, Natural, Bioactive, Biophotonic, Synthetic organic materials,
- ✓ Devices Applications
- ✓ Li-ion batteries, Capacitor, Supercapacitor, Solar Cells, Fuel Cells, Bio-generators, Flow Battery, Hydrogen Fuel Cells.

INVITED SPEAKERS



Dr. Ziyauddin Khan
Principal Research Engineer
Linköping University, Sweden



Dr. Neelima Mahato
Research Professor
Yeungnam University, Gyeongsan, South Korea



Dr. Ravi Gupta
DBT Ramalingaswami Fellow,
Jamia Hamdard, New Delhi



Dr. Mohd. Zafar
Head, Dept. of Biotechnology, Sur College, Ministry of Higher Education, Sultanate of Oman



Dr. Mahima Khandelwal
Research Professor
Korea University, South Korea



Dr. Debananda Mohapatra
Yeungnam University, Gyeongsan, South Korea

Registration **For Registration**

Details:

NO REGISTRATION FEE REQUIRED



For any query Contact: WhatsApp : 9910186046

Email: laxmanresearcher84@gmail.com

E-Certificates will be provided to all the participants who remain present in all sessions

Patron



Prof. Gulab Chand Ram Jaisawal
Hon'ble Vice Chancellor, Patliputra University, Patna, Bihar

Convenor



Prof. Jitendra Rajak
Principal, Ram Ratan Singh College, Mokama, Patna
Organizing Secretary & Co-Convenor



Dr. Laxman Singh
Head of Department, Chemistry, RRS College, Mokama

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Dr. Raj Narayan Singh
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Dept. of Chem., Magadh Univ., Bodh Gaya

Prof. R. P. S. Chauhan, Dept. of Chem., Magadh Univ., BodhGaya

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RAM RATAN SINGH COLLEGE

Mokama, Patna- 803302

(A Constituent College of Patliputra University)

NAAC Accredited Grade B College



International e-Conference

On

Advanced and Innovative Materials for Sustainable Future

(ICAIMSF-2020)

June 22nd & 23rd, 2020



Organized by

DEPARTMENT OF CHEMISTRY

RAM RATAN SINGH COLLEGE

Website:- www.rrscollegemokam.ac.in

KEYNOTE SPEAKERS



Prof. N.B. Singh
Fellow of RSC, OSA, ASM, SPIE
University of Maryland, Baltimore County (UMBC) MD 21250, U.S.A.



Prof. N.B. Singh
Emeritus professor
Dept. of Chemistry, Biochemistry, Research & Technology, Sharda University, Greater Noida,



Prof. U.S. Rai
(Institute Professor)
Department of Chemistry
Institute of Science
Banaras Hindu University



Prof. D. Mohan
Dept. of Civil Engineering
IIT-BHU, Varanasi



Prof. K.D. Mandal
Department of Chemistry
IIT-BHU, Varanasi



Prof. Ramanand Rai
Department of Chemistry
Institute of Science
Banaras Hindu University

Time Schedule

Day 1
22nd June, 2020 (Monday)

Inaugural Session: 02:00 P.M. to 02:30 P.M.

Prof. G.C. R. Jaiswal
Vice-Chancellor
Patliputra University

Prof. Jitendra Rajak
Principal, RRS College, Mokama

1st Technical Session
02.30 P.M. to 04:00 P.M.
Chairperson
Prof. U.S. Rai

Keynote Speech
Nanoengineered materials for IR detectors at high operating temperatures
Prof. N.B. Singh
University of Maryland, Baltimore County
(UMBC) MD 21250, U.S.A.

COVID - 19: Challenges and Remedial Measures
Prof. D. Mohan
Dept. of Civil Engineering
IIT-BHU, Varanasi

Materials in The Service of Mankind
Prof. N.B. Singh
Emeritus professor
Dept. of Chemistry, Biochemistry, Research & Technology, Sharda University, Greater Noida

Day 1
2nd Technical Session
04:00 P.M. to 04:50 P.M.
Chairperson
Prof. N.B. Singh, Sharda Univ.

Keynote Speech

Prof. U.S. Rai
Institute Professor
Department of Chemistry, Institute of Science
Banaras Hindu University

Invited Talk

Innovative Biopolymers of Microbial Origin: Production, Characterization, and Sustainable Applications”

Dr. Mohd. Zafar
Head, Dept. of Biotechnology, Sur College,
Ministry of Higher Education,
Sultanate of Oman

Discussion Session

04.50-05.20 PM
Query and discussion about Research Facilities



Day 2
23rd June, 2020 (Tuesday)

1st Technical Session
2:00 P.M. to 3:20 P.M.
Chairperson
Prof. R.N. Rai, B.H.U.
Keynote Speech

Doping Effects on dielectric properties of complex perovskite
Prof. K.D. Mandal
Department of Chemistry,
Indian Institute of Technology
Banaras Hindu University

Invited Talk (25 Mins)
Graphene and its modification for Supercapacitor application
Dr. Mahima Khandelwal
Research Professor
Korea University, South Korea

Advancement in Na-oxygen batteries

Dr. Ziyauddin Khan
Principal Research Engineer
Linköping University, Sweden

2nd Technical Session
3:20 P.M. to 4:40 P.M.

Chairperson
Prof. K.D. Mandal, IIT-B.H.U.

Keynote Speech
Prof. Ramanand Rai
Department of Chemistry
Institute of Science
Banaras Hindu University

“Medicinal properties of Panax ginseng berries: What has been elucidated so far?”

Ravi Gupta
DBT Ramalingaswami Fellow,
Jamia Hamdard, New Delhi

“Citrus waste management for environment protection and production of valuable components

Dr. Neelima Mahato
Research Professor
Yeungnam University
Gyeongsan, South Korea

Closing Session
04:40 P.M. to 05:00 P.M.

Closing Address & Vote of Thanks
by
Dr. Laxman Singh

- ✓ All participants will be informed through WhatsApp group. Online meeting will be hosted by Google Meet and meeting details will be shared 30 minutes prior to session.
- ✓ Note: E-Certificates will be provided to all the participants who remain present in all sessions and after receiving feedback form.