

In Virtual Mode

INTERNATIONAL CONFERENCE ON EMERGING MATERIALS FOR TECHNOLOGICAL APPLICATIONS ICEMTA-2022 23 - 25 November, 2022

PLENARY SPEAKERS



Prof. Dr. Andreas Fery
Director, Institute of Physical Chemistry
and Polymer Physics, Leibniz-Institut für
Polymerforschung,
Dresden, Germany



Prof. Józef T. Haponiuk
Polymers Technology Department,
Faculty of Chemistry,
Gdansk University of Technology,
Poland.



Prof. Ashutosh Tiwari
Director, Institute of Advanced
Materials, International
Association of Advanced
Materials, Sweden



Dr. John V Kennedy, FRSC
Team Leader Materials,
National Isotope Center,
GNS Science, Lower Hutt,
New Zealand.



Prof. Yogendra Kumar Mishra
Leader: Smart Materials Group,
SDU NANOSYD,
The Mads Clausen Institute,
Denmark.



Prof. G. Khashayar
University of Guelph,
Canada.



Dr. M V Reddy
New graphite world (NMG),
Montreal, Canada.

CHIEF PATRONS (VIIT)

Dr. L. Rathaiab, Chairman, Vignan Group
Mr. L. Krishna Devarayulu, Vice-Chairman, Vignan Group

PATRONS

Dr. V. Madhusudhan Rao, Rector, VIIT, India
Mr. N. Srikanth, CEO, Vignan Vizag Group
Dr. B. Arundhati, Principal, VIIT, India

CO-PATRON

Dr. K. Madhusudhana Rao, Vice-Principal, VIIT, India

CHIEF PATRON (AITAM)

Dr. K. Sureswara Rao, Chairman, AITAM

PATRONS

Sri. L.L. Naidu, Secretary, AITAM
Smt. V. Sudha Priya, Vice-Chairman, AITAM
Dr. K. Ravi Kumar, Joint Secretary, AITAM
Sri. T. Naga Raju, Treasurer, AITAM
Prof. V. V. Nageswara Rao, Director, AITAM
Sri. K. Madhu Kumar, Director, AITAM
Sri. T. Naga Seshu, Director, AITAM
Sri. V. Naga Sanketh, Director, AITAM
Prof. A. S. Srinivasa Rao, Principal, AITAM

CO-PATRONS

Dr. K. B. Madhu Sahu, Director-R&D, AITAM
Dr. D. Azad, Dean R & D, AITAM
Dr. R. Santhi Kumar, Head, HS & II, AITAM

CONVENERS

Prof. (Dr.) Sabu Thomas, MGU
Dr. Ch. V. V. Ramana, VIIT
Dr. A. Santhosh Kumar, AITAM
Dr. R. Hanumantha Rao, VIIT
Dr. Y. T. Ravi Kiran, GSC

THEMES OF CONFERENCE

- » Optical, Magnetic and Electronic Properties of Nanomaterials
- » Graphene and 2D Materials
- » Batteries and Solid Electrolyte Materials
- » Catalysis and Energy Materials
- » Sensors and Device Fabrications
- » Biomaterials and Biosensors
- » Energy Harvesting Materials
- » Renewable Energy and Energy Storage Systems
- » Power Systems and Power Electronics
- » Control Systems and Applications
- » Nanoelectronic Circuits and Systems
- » Surface and Material Characterization

Plagiarism Policy for the Publication

- » Authors are requested to kindly refrain from plagiarism in any form. Authors should submit their original and unpublished research work not under consideration for publication elsewhere.
- » Papers found to be plagiarized during any stage of review shall be rejected.
- » As per copyright transfer agreement, Authors are deemed to be individually and collectively responsible for the content of manuscripts published by them.
- » Hence, it is the responsibility of each author to strive for the highest ethical standards with respect to plagiarism

CONTACT US

Dr. CH. V. V. Ramana
Convener
Vignan's IIT, Visakhapatnam.
e-mail: challa@vignaniit.edu.in
Mobile: 8179106886

Dr. Santhosh Kumar Alla
Convener
AITAM, Srikakulam.
e-mail: santhosh.it.bhu@gmail.com
Mobile: 8853951176

Dr. R. Hanumantha Rao
Convener
Vignan's IIT, Visakhapatnam.
e-mail: rao.phy1@gmail.com
Mobile: 9394953339

IMPORTANT DATES

- Abstract / Full paper submission Deadline
9 October 2022
- Notification of Acceptance/Rejection
31 October 2022
- Conference Dates **23 - 25 November 2022**

PUBLICATIONS

All accepted papers will be published in
SCI / SCOPUS / Web of Science Indexed Journals

Participation Type	Registration Fee	India	International
		Student	INR 500.00
Listener / Presentation without Paper Contribution	Research Scholar	INR 1,000.00	USD 50
	Academician	INR 1,500.00	USD 75
	Industry/Corporate	INR 3,000.00	USD 100
		Registration Fee + Publication charges	
Presentation & Paper Publication	Material Science Forum Journal	INR 10,000.00	USD 150
	Key Engineering Materials Journal	INR 10,000.00	USD 150
	SPIE Proceedings	INR 10,000.00	USD 150
	Cambridge Scholar Publishing	INR 5,000.00	USD 80
	Memories-Materials, Devices, Circuits and systems Journal	INR 2,000.00	USD 60

Papers of UG & PG students from India will be published in UGC care listed publisher (LAMBERT Academic Publishing, Germany).
Publication charges **INR. 2000.00**



Paper Submission & Registration

Please Visit:
www.icemta2022.org

Registration Deadline
15 November 2022

PLENARY SPEAKERS



Prof. Dr. Andreas Fery
Director, Institute of Physical Chemistry
and Polymer Physics,
Leibniz-Institut für Polymerforschung,
Dresden, Germany



Prof. Józef T. Haponiuk
Polymers Technology Department,
Gdansk University of Technology, Poland.



Prof. Ashutosh Tiwari
Director, Institute of Advanced Materials, International
Association of Advanced Materials, Sweden



Dr. John V Kennedy, FRSC
Team Leader Materials,
National Isotope Center,
GNS Science, Lower Hutt, New Zealand.



Prof. Yogendra Kumar Mishra
Leader: Smart Materials Group, SDU NANOSYD,
The Mads Clausen Institute, Denmark.



Prof. G. Khashayar
University of Guelph,
Canada.



Dr. M V Reddy
New graphite world (NMG), Montreal, Canada.

INVITED SPEAKERS



Dr. E. Bhaje Gowd
Senior Principal Scientist & Professor
Materials Science & Technology Division
CSIR- NIST, Kerala, India



Dr. Subhankar Bedanta
Associate Professor, National Institute of Science
Education and Research (NISER), Odisha, India



Prof. Shikha Varma
Institute of Physics Bhubaneswar,
Odisha, India



Dr. Pravin Kumar
Scientist,
Inter university Accelerator Center,
New Delhi, India



Prof. Rajan Jose
Faculty of Industrial Sciences & Technology,
University of Malaysia Pahang, Malaysia.



Dr. K. G. Girija
Scientist, Bhabha Atomic Research Center,
Mumbai, India



Dr. N. K. Prasad
Department of Metallurgical Engineering,
IIT(BHU), Varanasi, India.



Prof. D. K. Mishra
Department of Physics, Siksha 'O' Anusandhan
(Deemed to be University), Odisha, India.



Dr. Bijit Choudhuri
Department of ECE, NIT Silchar, India.



Prof. R. S. Dubey
Swarnandhra college of Engineering and Technology,
A.P., India.

CHIEF PATRONS (VIIT)

Dr. L. Rathiah, Chairman, Vignan Group
Mr. L. Krishna Devarayalu, Vice-Chairman, Vignan Group

PATRONS

Dr. V. Madhusudhan Rao, Rector, VIIT, India
Dr. N. Srikanth, CEO, Vignan Vizag Group
Dr. B. Arundhati, Principal, VIIT, India

CO-PATRON

Dr. K. Madhusudhana Rao, Vice-Principal, VIIT, India

CONVENERS

Prof. (Dr.) Sabu Thomas, MGU
Dr. CH. V. V. Ramana, VIIT
Dr. A. Santhosh Kumar, VIIT
Dr. K. Hanumantha Rao, VIIT
Dr. Y. T. Ravi Kiran, GSC

CHIEF PATRON (AITAM)

Dr. K. Someswara Rao, Chairman, AITAM

PATRONS

Sri. L.L. Naidu, Secretary, AITAM
Smt. V. Sudha Priya, Vice-Chairman, AITAM
Dr. K. Ravi Kumar, Joint Secretary, AITAM
Sri. T. Naga Raja, Treasurer, AITAM
Prof. V. V. Nageswara Rao, Director, AITAM
Sri. K. Madhu Kumar, Director, AITAM
Sri. T. Naga Seshu, Director, AITAM
Sri. V. Naga Sanketh, Director, AITAM
Prof. A. S. Srinivasa Rao, Principal, AITAM

CO - PATRONS

Dr. K. B. Madhu Sahu, Director-R&D, AITAM
Dr. D. Azad, Dean R & D, AITAM
Dr. R. Santhi Kumar, Head, BS & H, AITAM

INTERNATIONAL ADVISORY BOARD

Dr. Nagaraju Goli, Imperial College London, UK
Prof. V. Shivakumar, (UKZN), Durban, South Africa
Prof. K. Venu Madhav, (BIUST), Botswana
Dr. G. Sankar Rao, University of Manchester, UK
Dr. K. K. Azam Khan, Philips, USA
Dr. Akbar I Inamdar, Dongguk University, South Korea
Dr. Alexey Orlov, Russian Academy of Sciences (RAS), Russia
Prof. S. C. Ray, University of South Africa (UNISA), South Africa
Dr. D. R. Sahu, Namibia University of Science & Technology, Namibia
Dr. Anant Singh, Alcorn State University, Mississippi

NATIONAL ADVISORY BOARD

Prof. N. K. Mukhopadhyay, IIT BHU, Varanasi
Prof. B. N. Sarma, IIT BHU, Varanasi, India
Dr. K. G. Girija, Bhabha Atomic Research Centre (BARC), Mumbai
Prof. Manoranjan Kar, IIT Patna, Patna
Prof. Ramesh Chandra Malik, Indian Institute of Science, Bangalore
Prof. R. S. Dubey, Swarnandhra College of Engineering and Technology (A), Narasapur
Prof. D. K. Mishra, Siksha 'O' Anusandhan (Deemed to be University), Bhubaneswar
Dr. J. Jayaramudu, (CSIR-NEIST), Assam
Dr. S. Sudhakar, (CSIR-CECRI), Karaikudi
Dr. D. J. P. Reddy, (CSIR-CFTRI), Mysore
Prof. Dambardhar Mohanta, Tezpur University, Napam, Tezpur, Assam
Prof. Pravin Kumar, Inter University Accelerator Centre, New Delhi
Dr. R. J. Choudhary, UGC-DAE Consortium for Scientific Research, Madhya Pradesh

CONTACTUS

Dr. CH. V. V. Ramana

Convener

Vignan's Institute of Information Technology, Visakhapatnam.
e-mail: challa@vignanit.edu.in Mobile: 8179106886

Dr. Santhosh Kumar Alla

Convener

Aditya Institute of Technology and Management, Tekkali
e-mail: santhosh.it.bbu@gmail.com Mobile: 8853951176

Dr. R. Hanumantha Rao

Convener

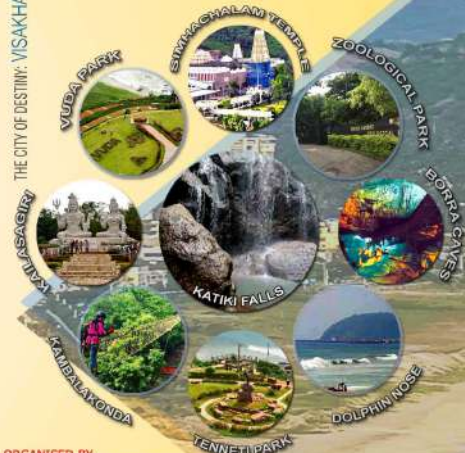
Vignan's Institute of Information Technology, Visakhapatnam.
e-mail: rao.phy1@gmail.com Mobile: 9594953339

In Virtual Mode

INTERNATIONAL CONFERENCE ON EMERGING MATERIALS FOR TECHNOLOGICAL APPLICATIONS ICEMTA-2022

23 - 25 November, 2022

THE CITY OF DESTINY: VISAKHAPATNAM...



ORGANISED BY
DEPARTMENT OF PHYSICS

VIGNAN'S INSTITUTE OF
INFORMATION TECHNOLOGY (A)

DIUVADA, VISAKHAPATNAM-530049 ANDHRA PRADESH.

IN COLLABORATION WITH

ADITYA INSTITUTE OF TECHNOLOGY AND MANAGEMENT, AP
MAHATMA GANDHI UNIVERSITY, KERALA
GOVERNMENT SCIENCE COLLEGE, KARNATAKA

www.icemta2022.org

Submission Link

<https://easychair.org/conferences/?conf=icemta2022>

ABOUT VIIT



Vignans Institute of Information Technology (VIIT) was established in 2002 in the City of Destiny, Visakhapatnam, to cater the educational needs of the general public. The Institute acquired Autonomous status (2017) and accredited by NBA and NAAC (A+). The experience gained by Vignans through its earlier institutions at Guntur has helped in establishing very high quality standards right from the inception and also is one of the reasons for the success. BS&H department mainly focus on confidence building and soft skills of the newly joined students. This department has also established high end research culture along with good number of Doctrates. Department of Physics established Thin films research laboratory and Nanomaterials research laboratory to enhance research opportunities and to support innovative practices.

ABOUT THE AITAM

Aditya Institute of Technology and Management is located at K. Kotturu, Tekkali, Srikakulam District, Andhra Pradesh. It is located in an extent of 50 acres of clean, green and serene area. The



institute has the beauty of modern day Gurukul. Aditya Institute of Technology and Management currently offers 6 U. G programs in the disciplines of ECE, CSE, IT, EEE, CE and MECH, P.G program in MBA, and 6 disciplines of M. Tech. All B.Tech programs are accredited by NBA under Tier-1 format and accredited by NAAC with A+ grade. It is recognized as Scientific and Industrial Research Organization (SIRO) by Ministry of Science and Technology, Government of India and received financial support under FIST programme (SR/FST/College-033/2017, dated 16-01-2018) of DST, New Delhi. The departments CSE, ECE, EEE & ME are recognized as research centers by JNTU Kakinada. It is an authorized technical skill development center by AP State Skill Development Corporation, Govt. of A.P. and a consortium member in Indo-US Collaboration for Engineering Education (IUCEE).

ABOUT MAHATMA GANDHI UNIVERSITY

Mahatma Gandhi University, one of the major Universities in Kerala, is a premier educational institution that strives to fulfill the higher educational needs of the people from Central Kerala. Set on the sprawling 110-acre Priyadarsini Hills Campus at Athirampuzha, 12kms off Kottayam, the University also has two satellite campuses in Kottayam. The University was established on 2nd October 1983 and has jurisdiction over the revenue districts of Kottayam, Ernakulam, Idukki and parts of Pathanamthitta and Alappuzha.



GOVERNMENT SCIENCE COLLEGE, KARNATAKA

Government Science College was established in 1948 and is one of the oldest institutions in Karnataka state and has been re-accredited with "A" Grade by NAAC. The college is affiliated to Davangere University, Davangere, Karnataka. The college has



post graduation courses in Physics, Chemistry, Botany and Mathematics subjects with an aim to provide higher education to aspiring SC, ST, minorities and OBC students.

IMPORTANT DATES

Abstract / Full paper submission Deadline

9 OCTOBER 2022

Notification of Acceptance/Rejection

31 OCTOBER 2022

Conference Dates

23 - 25 NOVEMBER 2022

ABOUT THE CONFERENCE

Emerging Materials for Technological Applications -2022 provides platform for world-wide Researchers, Scientists, Academicians, Technocrats, and CEO's of Energy Materials and Technology based companies to share their research experience and allow interactive discussions on all aspects of Energy Materials, Biomaterials, Solar Energy, Hydrogen Energy, Supercapacitors, Batteries, Fuel cells, etc. It aids delegates to have novel ideas, addressed on Emerging Materials by renowned international professionals who have expertise in handling materials for various engineering applications. This international conference on emerging materials assert knowledge with world prominent plenary speeches, keynote speakers and oral presentations.

THEMES OF CONFERENCE

- » Optical, Magnetic and Electronic Properties of Nanomaterials
- » Graphene and 2D Materials
- » Batteries and Solid Electrolyte Materials
- » Catalysis and Energy Materials
- » Sensors and Device Fabrications
- » Biomaterials and Biosensors
- » Energy Harvesting Materials
- » Renewable Energy and Energy Storage Systems
- » Power Systems and Power Electronics
- » Control Systems and Applications
- » Nanoelectronic Circuits and Systems
- » Surface and Material Characterization

PUBLICATIONS

All accepted papers will be published in SCI/SCOPUS/Web of Science indexed Journals

Participation Type	Registration Fee	Registration Fee	
		India	International
Listener / Presentation without Paper Contribution	Student	INR 500.00	USD 25
	Research Scholar	INR 1,000.00	USD 50
	Academician	INR 1,500.00	USD 75
	Industry/Corporate	INR 3,000.00	USD 150
		Registration Fee + Publication charges	
Presentation & Paper Publication	Material Science Forum Journal	INR 10,000.00	USD 150
	Key Engineering Materials Journal	INR 10,000.00	USD 150
	SPIE Proceedings	INR 10,000.00	USD 150
	Cambridge Scholar Publishing	INR 5,000.00	USD 80
		INR 2,000.00	USD 60

Papers of UG & PG students from India will be published in UGC care listed publisher (LAMBERT Academic Publishing, Germany). Publication charges INR. 2000.00

