

GEM MEET 2024

INTERNATIONAL
SYMPOSIUM

ORGANISED BY



INDIAN CERAMIC SOCIETY
KARNATAKA CHAPTER



CO-ORGANISERS

The
American
Ceramic
Society
ceramics.org
CHAPTER



Southwest India

THE AMERICAN CERAMIC SOCIETY
SOUTHWEST INDIA CHAPTER

PARTNER INSTITUTE



VISVESVARAYA TECHNOLOGICAL
UNIVERSITY



CENTRAL POWER RESEARCH
INSTITUTE (CPRI), BANGALORE



THE ELECTROCHEMICAL
SOCIETY OF INDIA

GREEN ENERGY MATERIALS MEET (GEM MEET -2024)

International Symposium on Ceramics & Advanced Materials for Green Energy Value Chain

DATE:

23-24, SEPTEMBER 2024

VENUE:

HOTEL RADISSON BLU ATRIA
BENGALURU, INDIA

www.icskc.in

About GEM Meet - 2024

GEM Meet - 2024 will bring together experts, innovators, thought leaders, researchers, scientists, engineers, academicians and industry professionals to discuss the latest innovations and breakthroughs in materials that matter for sustainable energy applications. This event aims at various sectors to explore and discuss the latest trends, challenges, and opportunities in green energy. The symposium covers a wide range of topics and features, invited lectures from experts, exhibitions, supply chain meet, Research to business panel discussions, Industry academia pavilion, startup special sessions from leading experts in the field, as well as oral and poster presentations showcasing the latest research findings. It will also include panel discussions and networking opportunities for participants to exchange ideas and foster collaborations.

Domains of Green Energy Generation, Storage & Utilization

Green hydrogen generation

Hydrogen Fuel

Water Electrolysers

Photochemical materials

Electrochemical materials

Fuel cell technologies

Solid oxide fuel cells/Solid oxide electrolyzer cells

Advanced composite materials for H₂ Storage & Transportation

Materials for Energy Storage and Conversion

Battery, Supercapacitor, Solid-state electrolyte

Solar & Solar Thermal Energy

Renewable & Alternative Energies

Catalysts & Electrocatalyst

Carbon Footprint Reduction

Symposium Program

Dates: 23rd & 24th Sep 2024

- Invited Lectures from experts
- Contributory Papers/Posters
- Exhibition
- Supply Chain meet
- Research to Business panel discussion
- Industry- Academia Pavilion
- Startup-Special session

KEYNOTE SPEAKERS



Prof. John T.S. Irvine
University of St Andrews
United Kingdom



Dr. Ashish Lele
Director, CSIR-NCL
India



Dr. Gurpreet Kaur
CSIRO Energy
Australia



Prof. Payam Kaghazchi
University of Twente
Netherlands



Prof. Tomoaki Watanabe
Meiji University
Japan



Dr. M.V. Reddy
Nouveau Monde Graphite
Canada



Dr. Michaela Wilhelm
University of Bremen
Germany

CALL FOR PAPERS: DATES TO REMEMBER

ABSTRACT SUBMISSION DEADLINE

25th Aug 2024

ACCEPTANCE NOTIFICATION

30th Aug 2024

REGISTRATION DEADLINE

15th Sep 2024

***Selected papers will be published in Transactions of Indian Ceramic Society after peer review*

For online abstract submission please visit www.icskc.in

PATRONS



Dr. Vidyashankar. S
Hon'ble Vice Chancellor, VTU



Shri. Jai Prakash Srivastava
Director (Engg, R&D), BHEL



Shri. B A Sawale
Director General, CPRI



Dr. N. Kalaiselvi
Director General, CSIR



Shri. C S Sundar Raju
Chairman, Atria Group

CONFERENCE CHAIR

Dr. C D MADHUSOODANA
BHEL, Corp. R&D, Hyderabad
Chair, ACerS Southwest India Chapter

ORGANIZING SECRETARY

Dr. BASAVAKUMAR K G
VTU, Belagavi

CONFERENCE CO-CHAIR

Dr. S T ARUNA
CSIR-NAL, Bengaluru
President, ECSI

JOINT SECRETARY

Dr. B. V. SARADA
ARCI, Hyderabad

ORGANISING BODIES

CONVENER

Dr. DINESH RANGAPPA
Professor, VTU, Belagavi
Chairman, ICSKC

CONFERENCE TREASURER

Shri. M MOHAN RAJ
Thermal & PFP Systems, Bengaluru

TECHNICAL COMMITTEE

CHAIRMAN

Dr. RATHINDRA NATH DAS
Densepower, Bengaluru

CO-CHAIR

Dr. JAYANTA MUKHOPADHYAY
CGCRI, Kolkata

CONVENER

Dr. ARJUN DEY
ISRO, Bengaluru

CHAIRMAN

Dr. SHYAM S RAO
M/s Carborundum Universal Ltd

CO-CHAIR

Shri S CHANDRASHEKAR
M/s Refractories & Services, Bengaluru

CONVENER

Dr. NAGESH S KINI
M/s Vimano EWA Pvt. Ltd

INTERNATIONAL ADVISORY COMMITTEE

Prof. RAJENDRA BORDIA
President, American Ceramic Society

Prof. SANJAY MATHUR
University of Cologne, Germany

Prof. JOHN T S IRVINE
University of St Andrews, UK

Shri SUDIPTA SAHA
President, Indian Ceramic Society

Dr. ATANU RANJAN PAL
Vice President, Indian Ceramic Society

Shri SITENDU MANDAL
Hon. Secretary, Indian Ceramic Society

Dr. ASHISH LELE
Director, CSIR-NCL, India

Prof. MOSAHIRO YOSHIMURA
NCKU, Taiwan

Dr. L K SHARMA
Chair, ACerS NorthEast India Chapter

Prof. ARUN UMARJI
IISc, India

Shri S VISHWANATHA
VP, M/s JSW Ltd, India

Dr. PALANI BALAYA
NUS, Singapore

Dr. K RAMESHA
Director, CSIR-CECRI, India

Dr. ABHAY ANANT PASHILKAR
Director, CSIR-NAL, India

Prof. VIKRAM JAYARAM
IISc, India

Dr. RAJESHA S
Principal, AIT, Bengaluru

Dr. H B BALAKRISHNA
Dean Academics, AIT, Bengaluru

Prof. KARUNA KAR NANDA
Director, iOP, Bhubaneswar

Dr. SUMAN KUMARI MISHRA
Director, CSIR-CGCRI, India

Dr. R VIJAY
Director, ARCI, Hyderabad

Dr. N V RAVIKUMAR
IIT Madras, India

Dr. B E RANGASWAMY
Registrar, VTU, India

Dr. T N SRINIVAS
Registrar (Evaluation), VTU, India

Shri V K MAHESHWARI
Executive Director, Green R&D Centre HPCL

Dr. SARBJIT GIDDEY
CSIRO Energy, Australia

Prof. OLIVIER GUILLON
Jülich, Germany

Dr. SHANKAR VENUGOPAL
Mahindra R&D, Chennai

ORGANISING COMMITTEE

Dr. DS Prasanna
VTU, Bengaluru

Dr. Ramachandra Rao
NAL, Bengaluru

Dr. M G Anandakumar
CPRI, Bengaluru

Sri Kishorekumar Rathod
SJP, Bengaluru

Dr. Basavaraj Angadi
Bangalore University,
Bengaluru

Dr. Prabhu Ramanujam
Hindalco, Belagavi

Dr. Suman B Iyer
ICSKC, Bengaluru

Dr. Navya Rani M
NCET, Bengaluru

Dr. Siddaraju C
MSRIT, Bengaluru

Dr. Sampat Kumar
Applied Materials, India

Shri. Harsh Joshi
JSW, Bellary

Dr. Senthil Kumar
NAL, Bengaluru

Registration Fee

The delegates of the conference can register by sending their details to the Convener, GEM Meet 2024 along with the registration fee mentioned below

Indian delegates

BANK DETAILS FOR NEFT TRANSFER

Particulars	Amount (Rs.)
Corporate Delegates	8,000 +18% GST
Individuals	6,000 +18% GST
Member of InCerS or ECSI or ACerS	5,000 +18% GST
Startup/MSME	5,000 +18% GST
Academic Participants	5,000 +18% GST
Students Registration Fees	3,000 +18% GST
Foreign delegates	US \$ 500

**Registration fee is payable through online transfer or by crossed Cheque/Demand Draft favoring "Indian Ceramic Society, Karnataka Chapter" and Payable at Bengaluru.

Sponsorships

Category of Sponsorship	Amount (Rs.)
Title / Platinum	5,00,000+18%GST
Gold	3,00,000+18%GST
Silver	2,00,000+18%GST
Technical Session	1,00,000+18%GST
Exhibition / Stall	75,000+18%GST

Name of account: Indian Ceramic Society Karnataka Chapter
A/c No: 04242010118327 | Bank name: Canara Bank
Branch: Mallechwaram 18th Cross, | IFSC code: CNRB0010424
Bangalore, India | MICR number: 560015232

A Souvenir will be published during the event

The fee structure for advertisements is given below:

Advertisement Details	Amount (Rs.)
Outside back cover page	60,000 +18% GST
Inside cover pages – Color	40,000+18%GST
Full page (inside) – Color	30,000+18%GST
Full Page (inside) – B&W	20,000 +18%GST
Half Page (Inside) – B&W	10,000 +18%GST

Benefits
Logo in GEM website page, Souvenir & display, One page profile in the souvenir, One Page color advertisement in the souvenir, Free registration for Five Delegates, Two exhibition stalls
Logo in GEM website page, Souvenir & display, One page profile in the souvenir, One Page color advertisement in the souvenir, Free registration for Three Delegates, One exhibition stall
Logo in GEM website page, Souvenir & display, One page profile or One Page advertisement in the souvenir, Free registration for Two Delegates
Announcement during beginning and end of session, Free registration for one Delegate, Banner display during the sessions.
Free registration for two Delegates, Space for 3 M X 3 M Stall.

About Indian Ceramic Society -Karnataka Chapter

The Indian Ceramic Society (InCerS), a non-profit organization, was established in 1928 with the blessings and active support of Pandit Madan Mohan Malaviya, at Banaras Hindu University (BHU), Varanasi. Presently, InCerS has more than 2000+ members including foreign members and comprises a wide variety of individuals and interest groups that include scientists, engineers, researchers, manufacturers, plant personnel, educators, students, marketing and sales professionals as well as others in related material disciplines. More details at www.incers.org. Indian Ceramic Society Karnataka Chapter (Erstwhile Indian Ceramic Society, Bangalore chapter started in 1977) is one of the very active chapters and has won the Best Chapter Award many times, including that in 2023. ICSKC has been organizing Seminars/Workshops on regular basis. For more details, visit www.icskc.in

About The ACerS– Southwest India Chapter

The Southwest India Chapter of the American Ceramic Society (ACerS) is a regional chapter that plays an important role in promoting ceramic science and technology in the region established with a mission to promote knowledge sharing, networking and career development in ceramic practitioners, researchers and students. The Southwest India Chapter has members from various backgrounds including academia, industry and research institutions, and offers an exciting exchange of ideas and innovations in ceramic materials and technologies. The chapter also promotes academic and industry collaboration, with its objectives is to bridge the gap between research development and practical application. Through its activities, the ACerS-Southwest India Chapter not only increases the visibility of Ceramics but also encourages young professionals and students to pursue a career in the field. For more details, visit www.ceramics.org.

The Electrochemical Society of India

The Electrochemical Society of India (ECSI) has been in existence on the IISc Campus for more than 72 years. It is a Professional Society that provides a platform for discussions in the area of Electrochemistry, Corrosion, Batteries, Coatings, Electroplating and forming, and other areas in electro-chemical science and technology. A significant activity of ECSI is the publication of the Journal of the Electrochemical Society of India (JECSI), which is presently completing 72 years of continuous publication. Annual Technical Meetings (NSEST) organised by the Society during the month of August every year have been very popular among researchers. A special feature of these meetings is the encouragement given to students and teachers. In addition, workshops, courses and seminars are organised in areas of specific interest to industries and academicians. Membership is open to Individuals and Institutions in different categories. ECSI organises the special lectures in honour of the persons who made significant contributions to the Society and also has instituted several awards in recognition of merit in the area of Electrochemical Science and Technology. For more details, visit www.ecsi.in.

About Visvesvaraya Technical University

Visvesvaraya Technical University in Belagavi, Karnataka is known for its breadth and impact in the field of engineering education. Established in 1998, VTU has grown to its full potential. It has over 200 affiliated engineering colleges and 16 research centers spread across Karnataka. VTU offers undergraduate, postgraduate and doctoral programs in a variety of disciplines including engineering, engineering and business. About 2,50,000 students are enrolled in courses. Faculty members are dedicated to academic excellence and research engaging in interdisciplinary research with numerous publications and patents. VTU has previously signed MOUs with companies on vocational training, jobs and placements to ensure high quality employability of its graduates and continues to collaborate with international universities for academic exchange and joint research planning. VTU offers modern facilities such as libraries, laboratories, sports stadiums and student hostel facilities. VTU maintains its mission to foster innovation, academic excellence, social impact, and educate future leaders in technology and business. For more information, visit www.vtu.ac.in.

For further information please contact

FOR ABSTRACT SUBMISSION - E-MAIL ID:
gemmeet2024@gmail.com / incerskc@gmail.com

CONVENER

Dr. DINESH RANGAPPA
MOB : +91 9632764659

CONFERENCE SECRETARIAT

MANIKANTA P N | KUNAL ROY | TATHAGATA SARDAR
MOB: +91 9972012906 | MOB: +91 8617305173 | MOB: +91 8334034896

For online Registration and further details, Please visit - www.icskc.in

SCAN HERE



Click Here for Abstract Link