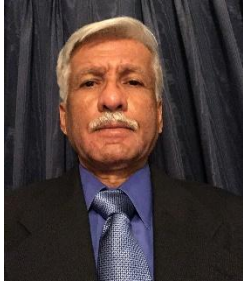


Manoj K. Coudhary, Sc. D., F.S.G.T., F.Am.Cer. Soc.



- **MATERIALS PROCESS AND PRODUCT DEVELOPMENT AND INNOVATION EXPERT**
- **TEACHER OF APPLIED SCIENCE & ENGINEERING FUNDAMENTALS**
(Thermodynamics; Heat, Mass, and Momentum Transfer; Mathematical Modeling,
- **STRATEGIC ADVISOR FOR SCIENCE & TECHNOLOGY**
- **LEADER OF PROFESSIONAL ORGANIZATIONS**
- **LITTERATEUR**

Regarded as a foremost international expert in application of physical and chemical sciences, engineering analysis, materials science, and advanced computational modeling for process and product innovation. Successfully and cost-effectively resolve process and product performance issues and enhance productivity, process efficiency, and customer satisfaction by drawing on extensive experience and world-renowned expertise in engineering, materials science, modeling and simulation, and project management. Acclaimed teacher of applied science, process fundamentals,

EXPERIENCE HIGHLIGHT

OWENS CORNING (1982-2018); Retired as Senior Technical Staff

“Father” of Advanced Mathematical Simulation of Glass & Polymer Processes; Developer of innovative technology platforms for novel products, energy and production efficiency; technical leader; mentor; strategic advisor to senior management.

MKC INNOVATIONS, LLC, President (2018-Present)

Consultant for several companies on scientific /technical topics and strategic issues. Offer educational and training programs on applied science, materials process fundamentals, and engineering.

MASSACHUSETTS INSTITUTE OF TECHNOLOGY, Post-doctoral Research Associate (1980-1982)

Conducted pioneering research on electromagnetic / MHD processing of metals (electroslag refining, plasma and electric arc furnaces, and resistance heated furnaces), taught parts of graduate level course on “Transport Phenomena in Materials Processing” and supervised students.

TEACHING: Various universities and forums (1982-present)

Adjunct Professor of Materials Science and Engineering at the Ohio State University (2018-Present)

LEADERSHIP: President, International Commission on Glass (2015-2018); Board of Directors, American Ceramic Society (2015-2018), Founder, President, and a Trustee of the Glass Manufacturing Industry Council (1999-2019), Chair, Glass and Optical Materials Division of the American Ceramic Society (2001-2002); President, Industry Board, Center for Glass Research at Alfred University (1995).

AWARDS: ICG President’s Award (2019), Dr. Atma Ram Memorial Lecture (2019), Samuel R. Scholes Award Lecture (2018), Friedberg Ceramic Engineering and Tutorial Lecture (2012), Nine Major Awards from Owens Corning (1985-2008), Glass Service Modeling Award (2007), + Many more

EDUCATION: Sc.D., Materials Science & Engineering, Massachusetts Institute of Technology (1980)

PHOTO GALLERY



Giving the 16th Dr. Atma Ram Memorial Lecture at the Council of Scientific and Industrial Research- Central Glass and Ceramic Research Institute (CSIR-CGCRI), Kolkata, India (October 15, 2019).



Receiving the Dr. Atma Ram Memorial Lecture Memento from Dr. K. Muraleedharan, Director of CSCRI-CGCRI, India (October 15, 2019).

Receiving the International Commission on Glass (ICG) President's Award from Prof. Alicia Duran, President of ICG (Boston, Massachusetts, June 10, 2019).





With Alfred University Faculty and Friends, after Presenting the 2018 Samuel R. Scholes Award Lecture at Alfred University (Alfred, New York, April 19, 2018).



With Lord Mayor Denise Fox of Sheffield, UK, on the Occasion of the Centennial of the Society of Glass Technology (September 4-8, 2016)



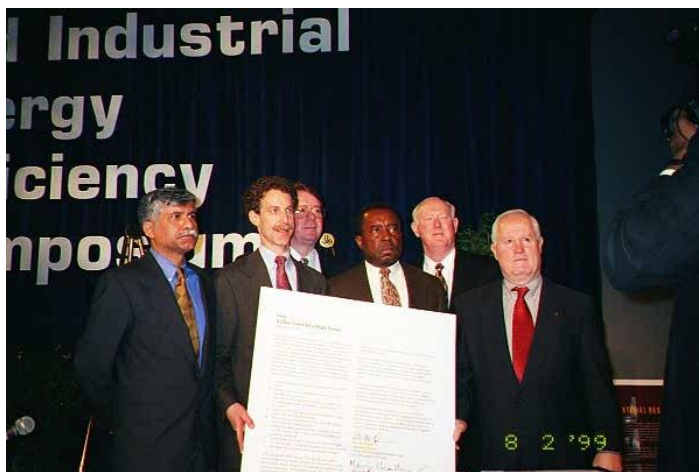
Chairing and Addressing the Meeting of the Steering Committee of the International Commission on Glass (2016).



Addressing the Closing Ceremony of the 24th International Congress on Glass (Shanghai, China, April 11, 2016).



Presidential Addressing at the ICG Annual Meeting (Bangkok, Thailand September 2015).



Signatory to the US DOE - Glass Industry Compact in my capacity as the first (and the founding) president of the Glass Manufacturing Industry Council (Washington D.C., 1999).



Receiving the Glass Service Modeling Award (Vsetin, Czech Republic, June 2007).