

Biography

Dr. Gupta is an Assistant Professor of Mechanical Engineering in the University of North Dakota. He is also an Adjunct Professor in the Henan Polytechnic University, China. He has published over 40 technical papers, 6 patents (granted and pending – US and International), and has given 19 invited/keynote talks and over 50 contributed presentations in several international, national and local conferences. He also has an h-index of 21 and 1300 citations. Previously, Dr. Gupta was employed in The Rutgers University. Prior to that, he was a postdoctoral fellow in The Pennsylvania State University. Earlier, Dr. Gupta finished his doctoral studies from Drexel University and Undergraduate studies in University of Calcutta. Dr. Gupta has been a visiting researcher and/or collaborated with TAG Inc., Honeywell International, Solidia Technologies, Corning Inc., Villanova University, and Tata Institute of Fundamental Research.

Dr. Gupta has been an active member of the ASM, ACEs, and Sigma Xi. Dr. Gupta is a member of the award committee of, (a) the Engineering Ceramics Division (ECD) and (b) Robert L. Coble Award for Young Scholars (2015-20). Recently, Dr. Gupta was elected as the secretary elect of the Engineering Ceramics Division (ECD) of ACEs.

Some of the recent conferences on ceramics in which Dr. Gupta has chaired sessions are:

- ❖ Session Chair, 5th International Congress on Ceramics, Beijing, Aug 17-21, 2014.
- ❖ Session Chair, Green Technologies for Materials Manufacturing and Processing VI – Green Materials Processing III, MS&T 14, David L. Lawrence Convention Center, October 12-16, 2014, Pittsburgh, PA.
- ❖ Session Chair, 9th International Symposium on Advanced Processing and Manufacturing Technologies for Structural and Multifunctional Materials and Systems (APMT9), 39th International Conference and Exposition on Advanced Ceramics and Composites, Jan 25-30, 2015.
- ❖ Session Chair, 2nd European Union - USA Engineering Ceramics Summit, 39th International Conference and Exposition on Advanced Ceramics and Composites, Jan 25-30, 2015.
- ❖ Session Chair, Ceramics in Conventional Energy, Oil, and Gas, 11th International Conference on Ceramic Materials and Components for Energy and Environmental Applications, Vancouver, June 14-19, 2015.
- ❖ Session Chair, Novel, Green, and Strategic Processing, 11th International Conference on Ceramic Materials and Components for Energy and Environmental Applications, Vancouver, June 14-19, 2015.
- ❖ Session Chair, Green Materials Processing I, 7th International Symposium on Green and Sustainable Technologies for Materials Manufacturing and Processing MS&T 2015, Columbus, Ohio.

Dr. Gupta has also actively organized or co-organized several conferences, namely:

- ❖ 9th International Symposium on Advanced Processing and Manufacturing Technologies for Structural and Multifunctional Materials and Systems (APMT9), 39th International Conference and Exposition on Advanced Ceramics and Composites, Jan 25-30, 2015.
- ❖ Novel Green and Strategic Processing and Manufacturing Technologies, 11th CMCEE, Vancouver, Canada, June 14-19, 2015.
- ❖ Ceramics in Conventional Energy, Oil, and Gas Exploration, 11th CMCEE, Vancouver, Canada, June 14-19, 2015.
- ❖ 7th International Symposium on Green and Sustainable Technologies for Materials Manufacturing and Processing, MS&T 2015, Columbus, Ohio.
- ❖ Young Professionals Forum: Next Generation Materials for Multifunctional Applications and Sustainable Development, and Concurrent Societal Challenges in the New Millennium, HTCMC-9/GFMAT, Toronto, Canada, June 26-30, 2016.