

Publications from the work

Journals:

Gupta, U.K., and Pramanik, H., “Electrooxidation study of pure ethanol/methanol and their mixture for the application in direct alcohol alkaline fuel cells (DAAFCs),” **International Journal of Hydrogen Energy**, 44(1), (2019) pp.421-435.

Gupta, U.K., and Pramanik, H., “A study on Synthesis of Chemical Crosslinked PVA Based Alkaline Membrane for the Use in Low Temperature Alkaline Direct Ethanol Fuel Cell (ADEFC),” **Journal of Electrochemical Energy Conversion and Storage**, 16, (2019), pp. 1-11.

Gupta, U.K., and Pramanik, H., “Physically Crosslinked KOH Impregnated Polyvinyl Alcohol Based Alkaline Membrane for Direct Methanol Fuel Cell,” **Canadian Journal of Chemical Engineering**, 96(9), (2018), pp.1888–1895.

Conferences:

Gupta, U.K., and Pramanik, H., 2016, “Physically Crosslinked KOH Impregnated Polyvinyl Alcohol Based Anion Exchange Membrane for Direct Methanol Fuel Cell,” 69th Annual session of IChE, Chemcon 2016, Chennai, Dec 27-30, 2016 (AWARDED BEST PAPER).

Gupta, U.K., and Pramanik, H., 2016, “Cyclic Voltammetry Of Electrooxidation Of Ethanol And Methanol Mixtures As Fuel On Pt-Ru/C Anode,” International Conference On Energy, functional Materials And Nanotechnology (ICEFN 2016), Nainital, March 2016.