



CV of Dr. Prof. Surinder Singh Sambi

- Surinder Singh Sambi, born on 15.06.1950 in Delhi, India.
- Studied chemical engineering at Indian Institute of Technology, Delhi
- Completed B.Tech. M.Tech. and Ph.D. degrees during 1967 to 1981
- Worked at IIT Delhi on biomass combustion, pyrolysis and gasification projects of ministry of non-conventional energy resources (MNER) from 1982 to 1999 and developed efficient devices for biomass utilization.
- Joined Guru Gobind Singh Indraprastha University (GGSIPU), New Delhi on June 1999.
- Held the post of Dean of USCT, GGSPIU for five years.
- Chairman IChE, Northern Region Centre for three years and Continuing as member of Executive Committee
- Member Medical Chemical Technical Options Committee (MCTOC) of TEAP under United Nations Environment Program from 2014-2018
- Member National Executive Committee, 2018 of Indian Institute of Chemical Engineers (IChE)
- Expert member government committees: UGC, AICTE, DRDO, CSIR
- Evaluated Ph.D. and M.Tech. Theses for Department of Chemical Technology, Punjab University, Chandigarh: NIIT, Jalandar: DCRUST, Haryana: Chemical Engineering Department, I.I.T. Delhi: Energy Centre, I.I.T. Delhi.

OTHER INFORMATION:

- Published more than 25 papers in international/national Journals.
- Taught various subjects of Chemical Engineering and guided several B.Tech, M.Tech and Ph.D. students.
The Broad Field/Area of Ph.D. Theses
- Study on Topological Descriptors for Prediction of Physiochemical and Biological Properties of Molecules.

- Extraction of Gossypol from Cotton Seed to Get Edible Protein.
- Nanofiltration Application for Recovery of Sodium Sulphate
- Dairy Milk Waste Treatment.
- Adsorption of Heavy Metals Ions.
- Comparative Study of Model Prediction and Field Measurement of Spatial Distribution of Co in Urban Street.
- Development and Evaluation of Novel Molecular Descriptors for Accelerating Drug Discovery Process
- Analysis and Simulation of Biomethanation Plant using Bagasse Wash Water
- Analysis & Simulation of Cattle Dung based Biomethanation cum Power Plant