



Bikramjit Basu

Education and Professional Career

PhD, Engineering Ceramics (2001)

Katholieke Universiteit Leuven, Belgium



Assistant/ Associate Professor, Indian Institute of Technology Kanpur (2001-11)

Associate/Full Professor, Indian Institute of Science, Bangalore (2011-Present)

Director, CSIR-Central Glass & Ceramic Research Institute, Kolkata (2024-Present)

Elected Fellow of National Academies

Indian National Science Academy (2020)



Indian Academy of Sciences (2020)



National Academy of Medical Sciences (2017)



Indian National Academy of Engineering (2015)



National Academy of Sciences India (2013)



Career Highlights

Research interests: Engineering Ceramics, Biomaterials, Medical devices
[>300 research papers (Citation>20,300, H-index: 75), 5 textbooks, 4 tech transfers]

Major Honor/ Elected Fellow

Shanti Swarup Bhatnagar Prize, Engineering Science, Government of India (2013)



Richard Brook Award and Fellow, European Ceramic Society (2021)



Humboldt Research award

AvH foundation, Germany (2022)



World Academy of Ceramics (2024)



International Academy of Medical and Biological Engineering (2020)



International Union of Societies for Biomaterials Sci. and Engg. (2020)



Elected Fellow, American Ceramic Society (2019), Coble award (2008)



Chartered Engineer/Fellow, Institute of Materials, Minerals & Mining, UK (2017)



American Institute for Medical and Biological Engineering, USA (2017)



Key Appointments and Services

Associate Editor

Biomaterials, Elsevier Journal (Impact Factor: 15.2) (2023-)



Honorary Professor,

Henry Royce Institute/ University of Manchester, UK (2017-)



President,

Society for Biomaterials and Artificial Organs, India (2021-24)



Advisor, Medical Materials Business, TATA Steel (2017-)



Erasmus Visiting Professor,

Univ. Polytech. Catalonia, Spain (2007) University of Ljubljana (2018/23)



Chair, Bioceramics Division, International Strategic Planning Committee, Panel of Fellows



Visiting Professor

FAU, Erlangen and TU Dresden, Germany, Univ. of Lille and UPHF, France, FUNGLASS Center, Slovakia

