



**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)

KU LEUVEN



**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

