

SFB member Bikramjit Basu received India's Highest Science award

Bikramjit Basu, Professor at the Materials Research Center, Indian Institute of Science (IISc), Bangalore is recently recognized for outstanding Indian work in science and technology. He is the first Indian scientist in the field of Biomaterials and the youngest in the Materials Science community to receive India's most coveted science award, **Shanti Shanti Swarup Bhatnagar Prize** (<http://ssbprize.gov.in/>) in its complete history. This award was instituted in 1958 by the Government of India to recognise outstanding contributions in the field of Physical, Chemical, Biological, Medical, Engineering, Earth and Atmospheric Sciences. Bikramjit is also an elected Fellow of the Indian National Academy of Engineering (2015), Society for Biomaterials and Artificial Organs (2014) and National Academy of Sciences, India (2013).

Bikramjit's current research, encompassing computational and experimental approaches, integrates biomaterials science and bioengineering approaches to address clinically relevant problems on human healthcare. In his leadership role, Bikramjit has successfully integrated and coordinated multi-institutional research programs on musculoskeletal and cardiovascular tissue engineering, which was funded by Indo-US Science and Technology forum (2008-2012). His collaborative research with Brown University on developing PLGA-carbon nanofiber based cardiac patches received media attention worldwide. Together with 15 investigators from academia, national labs, hospitals and companies, Bikramjit is currently leading India's largest translational center of excellence on biomaterials for orthopedic and dental applications (http://mrc.iisc.ernet.in/~bikram/Bikram_Website/CoE-DBT/index.html).

Bikramjit received a PhD (2001) from Katholieke Universiteit Leuven, Belgium in Metallurgy and Materials Engineering. Following a brief post-doctoral stint at University of California, Santa Barbara; he joined Indian Institute of Technology (IIT) Kanpur in November 2001 as Assistant Professor and was promoted to full Professor (while on lien at IISc) in March, 2012. He moved to IISc in May, 2011.