

**Topic of the Speech:**

Textile fibers and biomass reinforced concrete: A sustainable construction material

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Prof. Rajesh Mishra works at the Czech University of Life Sciences Prague, Czech Republic. His research areas are textile structural composites, green composites, nanocomposites, biomechanical engineering of fibrous structures, thermo-mechanical characterization of materials, nanomaterials and nano-textiles etc. He has about 250 publications in international journals and about 400 presentations in international conferences. His teaching and research activities include subjects like nanotechnology, biomaterials, structural mechanics of fibrous structures, quality characterization, engineering of textile structures, biomechanics of apparel textiles etc. He is responsible for international students' education and research at the faculty of engineering. Till date he has successfully guided 11 PhD candidates leading to award of title. The graduates are highly placed in academia and industry around the world. At present several candidates are continuing research in leading areas of technology. He has also developed educational and research cooperation with many organizations around the globe.