# Biography of Dr. Chandra Shekhar Sharma

**Dr. Chandra Shekhar Sharma** is an Associate professor in the Department of Chemical Engineering at the Indian Institute of Technology, Hyderabad. Dr. Sharma has obtained his PhD in 2010 from IIT Kanpur under the supervision of Prof. Ashutosh Sharma, in the area of carbon based multiscale micro- and nano-structures and subsequently joined IIT Hyderabad. His research interests are Carbon based hierarchical materials, Nature inspired polymer functional surfaces, Electrospun polymer and carbon nanofibers and Carbon-MEMS. He has received several awards, including the NASI Young Scientist Platinum Jubilee Award (2017), SERB Indo-Us Fellowship (2016), IEI Young Engineer Award (2016), DST Inspire Faculty Award (2015), DST Young Scientist Award (2015), INAE Innovative Project Award (2011), Gandhian Young Technological Innovation Award (2014 & 2015) and IITK Excellence Award for Social Service. Dr. Sharma is currently serving as a member of the Core committee of Indian National Young Academy of Sciences (INYAS).

Dr. Sharma has more than 60 peer-reviewed publications with more than 700 citations in reputed international journals, including *Carbon*, *Langmuir*, *ACS Applied Materials and Interfaces*, *Small* and *Electrochimica Acta*. He has filed 11 national and international patent applications and four book chapters to his credit. Dr. Sharma has guided 2 Ph.D. and 7 M.Tech. students as of now and presently supervising 12 Ph.D. students. Most of his research works including (i) electrospun nanofibers based sanitary napkins for feminine hygiene and (ii) candle soot derived carbon as anode material for powering electric vehicles lithium ion battery, (iii) Jamun seed derived activated carbon for fluoride removal from drinking water were recognized as important by Elsevier and received worldwide media attention. Dr. Sharma has also incubated a start-up company, M/s Restyro Technologies Pvt. Ltd. to commercialize some of the technologies developed in his lab including recycling of polystyrene waste using orange peel and nanofibers based feminine sanitary napkins. Both of these innovations has won several Gold Medals at International level.