

Indian Science Congress '23

glimpses



ISCA Young Scientist Award to BARC scientist



Mr. Rajath Alexander is currently working as Scientific Officer/D in Glass and Advanced Materials Division, Bhabha Atomic Research Centre (BARC), Mumbai. He graduated from the 14th batch (DGFS) of BARC Training School in 2017 in the discipline of Metallurgical Engineering. He completed his M. Tech in Metallurgical Engineering from IIT Madras in 2017, where he received Dr. M.N. Dhandapani Prize and Sudharshan Bhat Memorial Prize for exceptional academic performance in M. Tech. Mr. Alexander specializes in synthesis and technology development for carbon nanomaterials by floating catalyst chemical vapour deposition and manufacturing of composites using nano reinforcement. He received the DAE Group Achievement Award in 2019 in recognition of his efforts which helped in supply of bullet-proof jackets ('Bhabha Kavach') to meet the requirements of CISF. Mr. Alexander has published around 16 articles in peer-reviewed international journals. He also presented papers in several international conferences. Recently, Mr. Alexander has been awarded the prestigious Indian Science Congress Association Young Scientist Award 2023 for his work on synthesis of three-dimensional self-assembled carbon nanotube

aerogel and its application as a high performance virus filter in the domain of Material Science. The Indian Science Congress Association Award recognizes outstanding work in different fields of science and engineering, and is presented to researchers below the age of 32.