

Dr. Chandan Swaroop Meena at present is working as a **Senior Scientist in Architecture, Planning and Energy Efficiency Division of CSIR-Central Building Research Institute Roorkee** and he is also holding an Honorary post of **Assistant Professor in Academy of Scientific & Innovative Research (AcSIR)**.

Dr. Chandan is working in the field of Mechanical Engineering, with a specialization in Building Energy Efficiency, Heat Transfer, Renewable Energy, Solar Energy, Two-Phase Flow, Computational Fluid Dynamics, Thermal Comfort, and Indoor Air Quality, Solar Air Conditioning Using Desiccant Wheel, and Heat Pump Water Heating System. He has completed his B.Tech degree in Mechanical Engineering from, Faculty of Engineering, Dayalbagh Educational Institute, Agra, India, in 2012 then he pursued a M.Tech. degree in Thermal Engineering from the NIT Kurukshetra, India, in 2014. He holds a Ph.D. in Thermal Engineering from the IIT Roorkee, India.

With a keen interest in research and academic pursuits, Dr. Chandan has made significant contributions to his field. He has published more than **53 research articles in International & National Journals/ Conferences**. His research work has been well-received and recognized by the scientific community. He has presented his research findings at several national and international conferences. He has also **delivered more than 15 Keynote Lectures and attended more than 35 webinar / certificate courses / training**.

He is **Series Editor** of book entitled "**Renewable and Sustainable Energy Developments**" published by **CRC Press, Taylor & Francis, USA**. He has published **5 scientific books as an Editor** and **authored 8 book chapters** in a **Taylor and Francis USA**. He also serves as a **Guest Editor** in **3 SCI Journals**. He has also filed **1 Indian patent**. Additionally, he is an active **editorial and review board member** for more than **25 prestigious international journals**. He is also contributing in strategic sector as an **active member** of **13 Bureau of Indian Standard committees**. Furthermore, Dr. Chandan is associated with more than **25 Sponsored Research & Consultancy projects sponsored by various government and private organisations**. He is also elected as an **executive member** for mechanical engineering division of the **The Institute Engineers India** for 2 years (from 2021 to 2023). He is Editor for International Journal of Materials, Manufacturing and Sustainable Technologies. He is also an **active member** of many professional societies such as **Indian Society of Heat and Mass Transfer (ISHMT), The Institute of Engineers (IEI), and Indian Building Congress** etc.

Apart from his research endeavours, he is actively involved in the academic community. He has contributed to the dissemination of knowledge by mentoring students and delivering lectures on topics related to his expertise. He is associated with reputed universities and institutes, where he continues to inspire and educate future generations of engineers. He has **successfully guided** more than **50 student's thesis** at different academic levels. He has also interacted and gave popular science lectures to more than **500 school students and 60 teachers under Jigyasa and Skill Development Programme of CSIR**. He has actively participated in a range of curricular and extra-curricular activities.