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Prof. Agarwal has published over 510 peer-reviewed international journal and conference papers, 63 edited books, and 129 book chapters, attracting 15200+ Scopus and 23000+ Google Scholar citations. He edited “Handbook of Combustion” and 60+ Springer books on energy, environment and sustainability.

For his outstanding contributions, Prof. Agarwal is conferred upon **Sir J C Bose National Fellowship** (2019) by SERB, **SAE India Foundation GURU Award** (2022), Clarivate Analytics **India Citation Award-2017** in Engineering and Technology, Prestigious **Shanti Swarup Bhatnagar Prize (2016) in Engineering Sciences**, and many other awards in addition to inaugural version of **Distinguished Alumni Award-2021 by MNIT Jaipur and Distinguished Alumni Award-2022 by IIT Delhi**.

He is an elected **Fellow of the SAE** (2012), ASME (2013), INAE (2015), ISEES (2016), RSC(2018), NASI (2018), WSSET (2020), AAAS (2020) and CI (2022). At IIT Kanpur, Prof. Agarwal has established a state-of-the-art “Engine Research Laboratory” (www.iitk.ac.in/erl), and he was also the founder-director of IIT Kanpur’s Science and Technology Research Park (Technopark@iitk; <http://www.technoparkiitk.com>).