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For a brief period of two years (2020-2022) he worked as a Research Associate at Aeronautical Development Establishment (ADE), DRDO, India. He also has prior experience of teaching undergraduates at CTIEMT Jalandhar (2014) and DAVIET Jalandhar (2010) as an Assistant Professor.

Harpreet has published 12 peer-reviewed research articles, 1 book chapter, and 16 international conference proceedings (h-index = 4, i10-index = 3, Citations = 100, February 2022). His major research interests include: fiber reinforced polymer composites, nanocomposites, mechanical characterization, numerical modeling, topology/parametric optimization, and additive manufacturing.