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## NOMENCLATURE

$\mu\text{m}$	: micrometre
AWJM	: Abrasive water jet engine
CDM	: Controlled Depth Milling
CFRP	: Carbon Fiber Reinforced Polymer
cm	: Centimetres
CNC	: Computer Numerical Control
CS	: Cutting Speed
F	: Feed Rate ( mm/min)
FDM	: Falsified Deposition Modeling
FRCs	: Fiber Reinforced Composites
FRCs	: Fiber Reinforced Composites
GA	: Genetic Algorithm
HFRP	: Hemp Fibre Reinforced Polymer
HSS	: High Speed Steel
HSS	: High-speed steel cutters
min	: minute
mm	: Millimetres
MRR	: Material Removal Rate
POS-GSA	: Particle Swarm Optimization-Gravitational Search Algorithm
Ra	: Surface Roughness ( $\mu\text{m}$ )
rpm	: Revolutions per minute
RSM	: Response Surface Methodology
Ss	: Spindle Speed (rpm)