

LIST OF ABBREVIATIONS/SYMBOLS

°C	:	Degree centigrade
gm	:	Gram(s)
sec	:	Sec
µm	:	Micrometer
min	:	Minute
RPM	:	Revolution per minute
γ	:	Delta
%	:	Percentage
EDS	:	Energy-dispersive X-ray spectroscopy
SEM	:	Scanning electron microscopy
HR-SEM	:	High resolution scanning electron microscopy
XRD	:	X- ray diffraction
hr	:	Hour
wt. %	:	Weight percentage
MPa	:	Mega Pascal
W	:	Wear volume loss
K	:	Wear coefficient
S	:	Sliding distance
V	:	Volume loss
H	:	Hardness of softer materials
μ	:	Coefficient of friction
N	:	Normal load
d	:	Interplaner spacing
θ	:	Incident angle
λ	:	Wavelength of the x-ray
n	:	Integer representing order of the diffraction
T	:	Temperature
HV	:	Vickers hardness
K	:	Kelvin