LIST OF SYMBOLS AND ABBREVIATIONS

Eg - Energy gap
\(\lambda\) - Wavelength of electromagnetic radiation
\(\theta\) - Angle in degrees
\(\mu m\) - Micrometre \((x 10^{-6} \text{ m})\)
\(nm\) - Nanometre \((x 10^{-9} \text{ m})\)
mM - Milli mole
\(\tau\) - Decay time
\(x, y\) - Chromaticity coordinates
PL - Photoluminescence
FTIR - Fourier transform infrared
XRD - X-Ray diffraction
EDX - Energy dispersive X-ray Analysis
UV-VIS - Ultra violet visible spectroscopy
NTSC - National Television System Committee
SSL - Solid-state Lighting
DRS - Diffuse Reflectance Spectroscopy
JCPDS - Joint Committee on Powder Diffraction Standards
SEM - Scanning Electron Microscope
C.I.E - Commission Internationale del'Eclairage
UV - Ultra-violet
IR - Infra-red