

Abbreviations

ALT	Accelerated Life-Time
AM	Air Mass
ASTM	American Society for Testing and Material
AR	Anti-Reflection
Ar	Argon
AFM	Atomic Force Microscopy
CCD	Charge Coupled Detector
CBD	Chemical Bath Deposition
CVD	Chemical Vapor Deposition
DC	Direct Current
DSSC	Dye Sensitized Solar Cell
EDAX	Energy Dispersive Analysis of X-ray
FWHM	Full Width Half Maxima
GPIO	General Purpose Interface Bus
GHG	Green House Gases
ISIT	India Solar Investment & Technology Summit
IEC	International Electrochemical Commission
JCPDS	Joint Committee on Powder Diffraction Standards
LabVIEW	Laboratory Virtual Instrument Engineering Workbench
LECVD	Laser Enhanced Chemical Vapor Deposition
MOCVD	Metal-Organic Chemical Vapor Deposition
Mtoe	Million tonnes of oil equivalent

PV	Photovoltaic
PVD	Physical Vapor Deposition
PECVD	Plasma Enhanced Chemical Vapor Deposition
PDT	Post Deposition Treatment
QE	Quantum Efficiency
RF	Radio Frequency
RTA	Rapid Thermal Annealing
SEM	Scanning Electron Microscopy
SAD	Selected Area Diffraction
SCR	Space Charge Region
STC	Standard Test Condition
TWH	Terawatt-hour
TEM	Transmission Electron Microscopy
TCO	Transparent Conductive Oxide
UV-VIS	Ultraviolet Visible
WVTR	Water Vapor Transmission Rate
XRD	X-ray Diffraction