

## NOMENCLATURE

Notation	Description	Unit
CV	Cyclic voltammetry	
CPT	Chronopotentiometric technique	
EDLSc	Electric double layer supercapacitor	
ES	Electrochemical supercapacitor.	
SC	Specific capacitance	F/g
SE	Specific energy	Wh/kg
SP	Specific power	kW/kg
$\eta$	Coulombic efficiency	%
ESR	Electrochemical series resistance.	$\Omega$
SILAR	Successive ionic layer adsorption	
ED	Electrodeposition.	
CBD	Chemical Bath Deposition	
LASER	Light Amplification by Stimulated Emission of Radiation.	
XRD	X-ray diffraction	
SS	Stainless Steel	
AAO	Anodic Aluminum Oxide.	
PVA	Polyvinyl Alcohol.	
SPT	Spray Pyrolysis Technique	
FCC	Face Centered Cubic crystal structure	
Na <sub>2</sub> SO <sub>4</sub>	Sodium Sulphate	
Na <sub>2</sub> SO <sub>3</sub>	Sodium Sulphite	
KOH	Potassium hydroxide	
NaOH	Sodium hydroxide	
VGCF	Vapour- grown carbon fibre	
SEM	Scanning Electron Micrograph	

<b>Notation</b>	<b>Description</b>	<b>Unit</b>
EDX	Elemental Diffraction Analysis	
ILs	Ionic liquid Electrolytes	ILs
FTO	Fluorine doped Tin oxide	
ITO	Indium doped Tin oxide	
MWCNT	Multi Walled Carbon Nanotubes	
SWCNT	Single Walled Carbon Nanotubes	
AC	Alternating Current	
OCP	Open Circuit Potential	Volt (V)
$R_{ct}$	Charge-transfer resistance	Ohm ( $\Omega$ )
$C_{dl}$	Double-layer capacitance	Farad (F)
$R_i$	Internal resistance	Ohm ( $\Omega$ )
W	Warburg	Ohm ( $\Omega$ )
SAED	Selected Area Elemental Diffraction	