

## Polyaniline based Charcoal/Ni nanocomposite material for High Performance Supercapacitor

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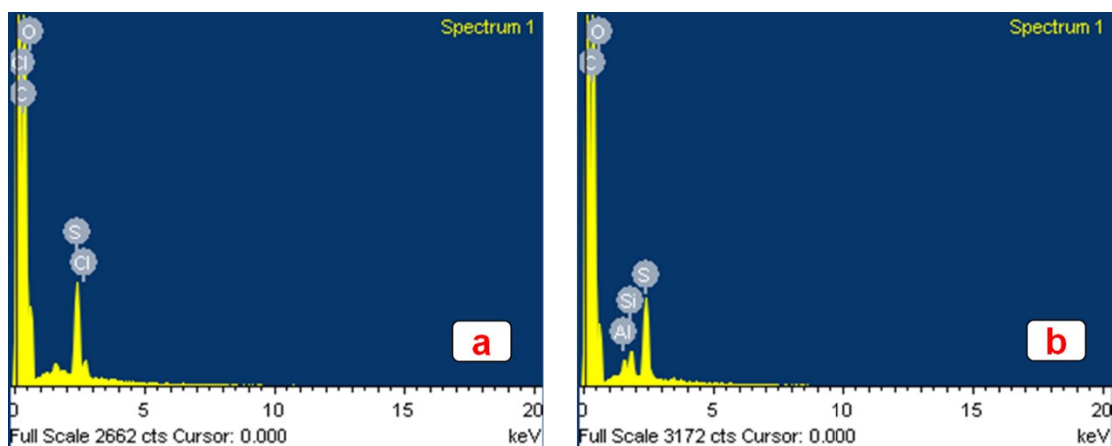
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### Supplementary Files



**Fig. S1: EDX images of a) bare PANI and b) PANI/AC nanocomposite**

**Table S1: Weight and Atomic Percentage of bare PANI**

<b>Element</b>	<b>Weight %</b>	<b>Atomic %</b>
C K	71.27	78.10
O K	24.59	20.23
S K	3.41	1.40
Cl K	0.73	0.20
<b>Total</b>	<b>100</b>	

**Table S2: Weight and Atomic Percentage of PANI/AC**

<b>Element</b>	<b>Weight %</b>	<b>Atomic %</b>
C K	74.21	80.80
O K	20.93	17.11
Al K	0.60	0.29
Si K	0.95	0.49
S K	3.31	1.35
<b>Total</b>	<b>100</b>	

**Table S3: Weight and Atomic Percentage of PANI/AC/Ni**

<b>Element</b>	<b>Weight %</b>	<b>Atomic %</b>
C K	82.06	86.70
O K	10.54	7.32
Ni K	7.40	5.97
<b>Total</b>	<b>100</b>	