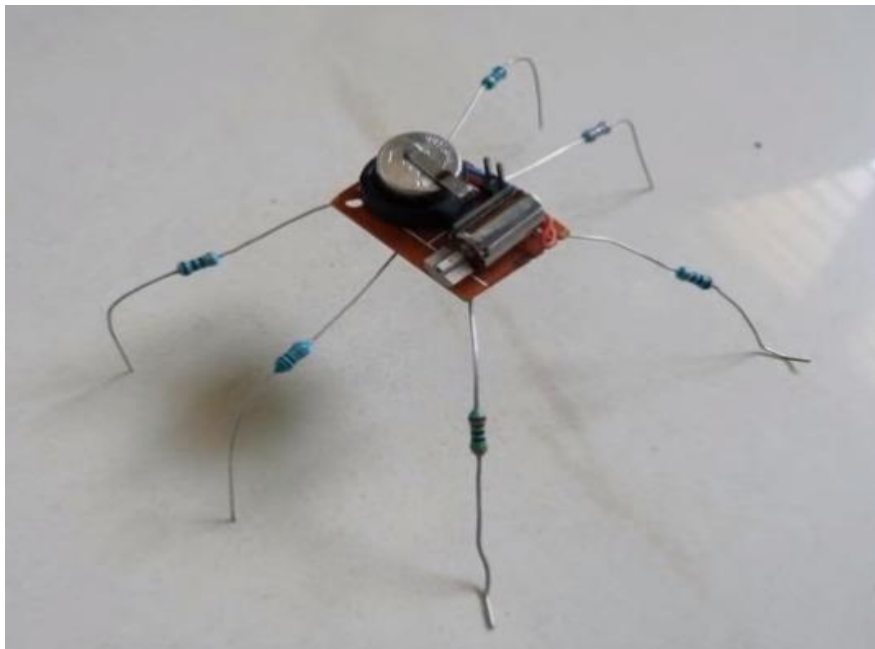


<b>Workshop title:</b>	DIY Robotic Insect
<b>Workshop owner:</b>	Faculty of Engineering and Green Technology , UTAR
<b>Description of workshop:</b>	<p>Content: Students will be briefed around 5 minutes on the construction of a toy robot. Then, the students will do experiment to construct the robotic insect using provided electronic parts and components.</p> <ol style="list-style-type: none"> <li>1. To expose students to simple application of electronic components.</li> <li>2. To generate interest in electronic engineering and its application in robotics</li> </ol>
<b>Age group:</b>	8- 15 yrs old
<b>Group size:</b>	10 students per session
<b>Number of sessions&amp;Duration per session:.</b>	<p>3 sessions per day</p> <p>30 minutes per session</p>

Photograph:



References: <https://www.youtube.com/watch?v=jki7g5zXwjg>

<b>Workshop title:</b>	Paper Circuit
<b>Workshop owner:</b>	Faculty of Engineering and Green Technology
<b>Description of workshop:</b>	<p>Content:</p> <p>Students will be briefed around 5 minutes on the construction of a circuit. Then, the students will construct the circuit as demonstrated on a piece of paper using the provided electronic parts and components.</p> <ol style="list-style-type: none"> <li>1. To expose students to simple application of electronic components.</li> <li>2. To teach students on the fundamentals of a circuit.</li> <li>3. To generate interest in the field of electronic engineering.</li> </ol>
<b>Age group:</b>	8-15 years old
<b>Group size:</b>	10 students per session
<b>Number of sessions&amp;Duration per session:</b>	<p>3 sessions per day</p> <p>60 minutes per session</p>

References : <https://www.youtube.com/watch?v=7hb-9eUpfbQ>

<b>Workshop title:</b>	Homopolar motor
<b>Workshop owner:</b>	Faculty of Engineering and Green Technology
<b>Description of workshop:</b>	<p>Content:</p> <p>Students will be briefed around 5 minutes on the construction of a homopolar motor. Then, the students will do experiment to construct the motor using provided electronic parts and components.</p> <ol style="list-style-type: none"> <li>1. To expose students to simple application of electromagnetic.</li> <li>2. To generate interest in electronic engineering and its application in robotics</li> </ol>
<b>Age group:</b>	8- 15 yrs old
<b>Group size:</b>	10 students per session
<b>Number of sessions&amp;Duration per session</b>	<p>3 sessions per day</p> <p>30 minutes per session</p>