


Researcher	Your startup / product / service	Objective	Potential Customer/End User
 <p data-bbox="210 922 590 1136"> Llewellyn D'sa Robo Bionics Team M.Tech Mechatronics IIT Patna Alumni https://www.facebook.com/robobionics/ </p>	<p data-bbox="625 358 1045 1268"> Robo Bionics is a team of engineers who have been incubated by the IITP I.C. We develop an effective active upper limb prosthesis keeping in mind affordability. Our present prototype is a battery powered, myoelectrically controlled prosthetic arm built using 3D printing technology. This device has a lower number of moving parts, thereby reducing maintenance as well as wear and tear. The grip control mechanism implemented in our device facilitates handling delicate objects with ease. We have also implemented a different control algorithm that enables the user to learn to use the device faster. With conventional prosthesis it takes nearly 6 months to get accustomed, on the contrary our device needs merely a week. </p> <p data-bbox="625 1308 1045 1373"> Our motto is “Replacing the Irreplaceable” </p>	<p data-bbox="1066 391 1440 496"> Introduce a Low Cost advanced prosthesis into the Indian Market. </p> <p data-bbox="1066 537 1356 610"> Rehabilitation of the physically challenged. </p> <p data-bbox="1066 651 1314 724"> Explore the Indian MedTech Market. </p>	<ul data-bbox="1514 358 1881 797" style="list-style-type: none"> • Government and Non-Government organizations who fit prosthesis • People with upper limb amputation • Academic and Industrial organizations in the field of Anthropomorphic Robotics

