



NATIONAL INSTITUTE OF TECHNOLOGY JAMSHEDPUR



TEAM REVANTA

**Contribute towards a greener India and play your role in
bringing it to forefront in the solar race.....**

TEAM REVANTA

We official team of student enthusiasts of *NIT JAMSHEDPUR*, which designs solar vehicles. After starting in *2009* as a new born ,today the team is 13 years old and there has clearly been no looking back as these years have brought *many achievements* for the team.

WHAT WE AIM FOR?

Today, the world needs to *go green* and our team is no exception. So, in order to contribute to this noble causewe are consistently trying to design a high efficiency mileage electric vehicle with *minimal carbon footprint*.



COMPETITIONS

Team REVANTA participates in **ESVC** and **IASC**.



PREVIOUS STANDINGS

Due to corona, we were forced into online studies which naturally rendered all the team related work to come to a temporary halt. We started after about 2 years and immediately shifted our attention from 3 to 4 wheels. We even participated in **ESVC 2021** where we got **5th** rank in design report and **7th** overall in virtuals. Other achievements include

ESVC 2019 **6th** in B-plan and **4th** in Designing

IASC 2018 **3rd** overall

ESVC 2017 Runner up in endurance and B-plan

IASC 2015 **1st** in virtuals



COST REPORT

COMPONENTS	MARKET PRICE
Chassis and Body works	₹ 9,000.00
Braking, Wheels and Tyres	₹ 11,950.00
Suspension System	₹ 9,500.00
Electrical and Electronics	₹ 161,424.00
Transmission	₹ 5,000.00
Steering	₹ 4,250.00
Safety and Ergonomics	₹ 17,100.00
Innovation	₹ 18,250.00
Transportation	₹ 50,000.00
Total	₹ 286,474.00

WHY SHOULD YOU HELP US?

THERE ARE MANY REASONS FOR HELPING US:

- > If a company's name is associated with an environment-friendly initiative, it would also help the company to grow
- > Sponsoring us would mean that the company is flexible to the demands of the present market.
- > It would be in line with the company's CSR policies.
- > It would also help PM Modi's AATMANIRBHAR BHARAT initiative, which is an essential block in making India from a developing to a developed nation.

चार को छात्रों की बनाई कार का प्रदर्शन ते

अटिलपुर/संवाददाता

नेशनल इंस्टीट्यूट ऑफ टेक्नोलॉजी की टीम रेवांदा द्वारा बनाई गई सोलर-इलेक्ट्रिक हाइब्रिड घड़ी चालित कार बनकर तैयार है।

इसे चार अप्रैल से जलंधर में होने वाली प्रदर्शनी में शामिल किया जाएगा। 160 किलो वजन वाला यह कार एक घंटे में 100 किमी तक चलाई जाएगी। वहीं, साथ ही इसे तैयार करने में 75 हजार रुपये की राशि खर्च हुई है। इस कार को श्रीराम ऑटोमोबाइल तथा इंडिका मोटर्स के सहयोग से तैयार की गई है। एनआईटी जमशेदपुर की टीम रेवांदा के कैप्टन आकाश अर्गुन ने कहा कि 200 वॉट का सोलर पैनल, एक कैपेसिटर का सेटर तथा 48 वॉट की बैटरी का प्रयोग



सोमवार को कार के मॉडल के साथ एनआईटी के छात्रों की टीम। • हिंदुस्तान

किया गया है। साथ ही इसमें सेंसर भी लगाया गया है। रविवार को कार के साथ टीम के सौरभ कुमार, रैतन कुमार, प्रशांत

कुमार, प्रियांशु कुमार, अर्पिता, अनमोल, शिवम और आरुष प्रतीक अदि मौजूद थे।

OUR SPONSORS

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OMNI AUTOTECH



It was only possible because of the support of these companies that our journey has been successful. So, as a token of respect, we put out the names of these companies in front of you dignitaries.

BANK DETAILS

Account Name-REVANTA N.I.T JAMSHEDPUR

Account Number-31071926039

IFSC CODE - SBIN0001882