ELECTRIC MOTORS RC PLANT

7Tao Engineering complete an electric RC Cars program using brushed and brushless motors for enhancing problem solving and performance improvement techniques. The student will be using modern problem solving techniques to find faults, build processes and organize a competitive team to race a series of electric cars. The RC electric motor vehicles come with problems embedded. Students must use assembly, problem solving, testing, performance monitoring, measurement systems and competitive continuous improvement techniques against other teams to win the trophy title. Students will use multiple training and problem solving techniques to complete their practical course of assembling the Electrically powered automobiles.

The problem solving tools include three unique categories: problem solving diagrams, problem solving mind maps, and problem solving software solutions. They include: Fishbone diagrams. Flowcharts. Check sheet (tally sheet) Cause and effect diagram (fishbone or Ishikawa diagram), Stratification, Histogram, Pareto chart (80-20 rule) Scatter diagram, Control chart (Shewhart chart) , Visual Inspection Methods, Vibration Analysis Techniques, 8D Problem solving, Lean Manufacturing, Six Sigma, 20 Keys method, Thermal Imaging Applications, Computer-Aided Diagnostic Tools. Contact us for more details on Electric motors RC course

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Q & A	
Number of students in a cohort	15 to 20
Number of engineering and manufacturing techniques that could be learned	25+
Engineering problems to be solved	30+
Age range	18+
Number of products to be built	5 - 25
Certification process with EAL Engineering Awards	Available