

NEWSLETTER

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Announcement: Webinar

Join us in
Webinar



Winding of AC
machines

July 7, 2014
3:00 - 4:00 PM

Principle of
Electromechanical
Energy Conversion

July 21, 2014
3:00 - 4:00 PM

Presenter:- Dr. Praveen Kumer

Announcement: Updates

For our existing customers, **first Product update with new features** is ready for release in July 2014.



Web based Learning



Interactive tools



Computer based training



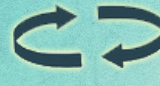
E-books



Learning Communities



Video Conferences



Animations

Real Versus Virtual Classroom

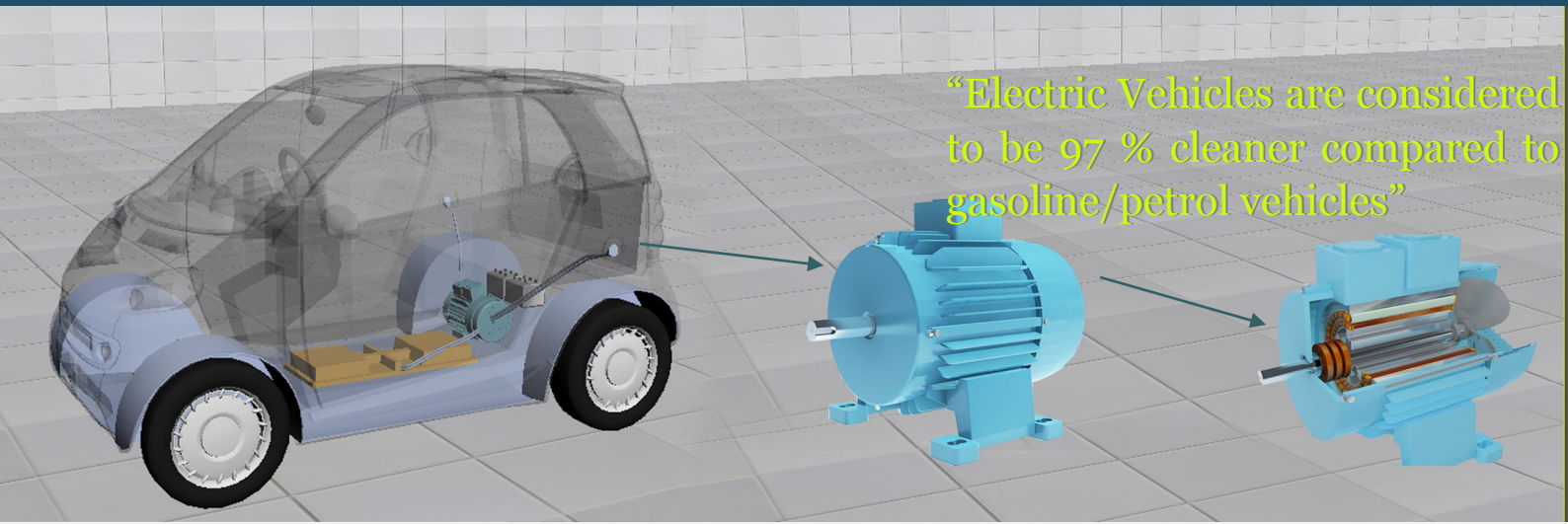
Education sector is like a barometer of overall development of any country. India is striving hard to achieve a uniform and decent figure of enrolment and quality education. However, with a population of almost 1.27 billion, uniform development has always remained a challenge for India; be it in the higher education sector or implementing right to education for all. Being a developing country India has many obstacles (like poor infrastructure, lack of trained faculty, poor industry linkage) to overcome in this journey. Keeping this in mind, the information and Communication Technology (ICT) in Schools Scheme was introduced in order to provide opportunities to secondary stage students to mainly build their capacity on ICT skills and make them learn through computer aided learning process.

Indian e-learning market is growing up rapidly. In 2013, the e-learning market size of India was \$ 173.4 million. It is expected that this market will grow at a CAGR of 17.4% during 2013-2018. In case of China, the market size of online degree education was \$10.4 billion. Chinese e-learning market has been increasing with an approximate growth rate of 20% since 2004.

K-12 is the market where e-learning market has experienced maximum growth followed by higher education and corporate. Modernization of education system has developed interest in adoption of new technologies in the k-12 market. Post secondary education is another key segment in education system. After post secondary students become eligible to opt for vocational training programs.

“Virtual classrooms are gaining popularity across the world in various fields. Due to Government initiative, adoption of advanced technology, lack of quality education and affordability.”

However, in India it is still in its nascent stage, the need of virtual classroom is highly felt. Virtual classrooms are expected to mitigate the barriers, which is otherwise nearly impossible for traditional system. The demographic and population of the India is too high to be covered by the traditional system of education. Yet someone might think that virtual classroom is a substitute of real classroom. While the fact is that virtual classroom is a complementary method by which various learning alternatives can be provided to strengthen the education system. Days are coming when people will be more aware about the quality of education that can be attained through virtual classroom. One cannot deny that the industry is facing some challenges but hopefully the online education industry will grow with developing technologies.



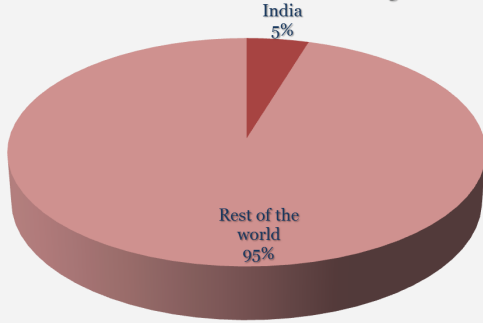
“Electric Vehicles are considered to be 97 % cleaner compared to gasoline/petrol vehicles”

1970s was the decade when the Indian automotive sector started to grow. Before that time automobiles were considered to be luxury products. With advent of time, a rapidly growing middle class, rising per capita income, and high levels of demand promise enormous opportunities. Moreover easy availability of finance and rising income levels are encouraging the middle class population to upgrade their 2-wheelers to a car.

“Most of the countries are trying to reduce dependence on crude oil and reducing the pollution levels by developing electric vehicles. Maintenance cost is also very low in case of electric vehicles compared to gasoline/petrol vehicles.”

All over the world, the governments are encouraging adoption of electric vehicles by providing demand incentive, supply side incentive, power and charging infrastructure, research and development incentive and implementing strict fuel efficiency standards. By 2015, Ford Model will constitute 70% of electric cars.

Production of vehicles in 2013



In 2006, turnover of Indian automobile industry was \$34 billion which is expected to grow at a CAGR of 16% till 2016 and reach \$ 145 billion.

The main drawbacks of Indian automobile sector

are poor infrastructure, complicated tax structure, inflexible labour laws, inter-state policy differences and inconsistency. Moreover, rapid depletion of fossil fuels, rising energy cost, negative impact of transportation on environment and abruptly changing climate are begging an alternative option for internal combustion engine.

It is predicted that the global demand for 4-wheelers and 2-wheelers which is now 45 million and 43 million units will increase to 70 million and 76 million respectively by the end of 2020. Again the penetration of electric vehicles will touch 7-19% (currently 2%) in case of 4-wheelers. In case of 2-wheelers it will become 34-36% of total number of vehicles. In Indian scenario it is predicted that the number (demand of full range electric vehicles) will be in the range of 5-7 million.

In order to eliminate these limitations or drawbacks electric vehicles can be used as better alternatives.

The importance of automotive industry in global economy cannot be neglected. Automotive industry contributes almost 3 percent of global GDP which is even higher in case of emerging market. National Mission for Electric Mobility (NMEM) is a significant initiative taken by Indian department of Heavy Industries. Given the uniqueness of the automotive market the strategy for electric vehicles in India must be prepared accordingly for faster adoption of electric vehicles.

This Month eLearning Events

1. 11th Annual Sloan Consortium Blended Learning Conference and Workshop

8th to 9th July 2014 Denver, Colorado, United States of America

8th to 9th July 2014 , Paris, France

3. 2014 Global Conference on Teaching and Learning with Technology (CTLT2014)

9th to 10th July 2014 , Singapore

4. ECTC 2014 - The Second European Conference on Technology in the Classroom

9th to 13th July 2014 , Brighton, East Sussex, United Kingdom

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