

Back Ground

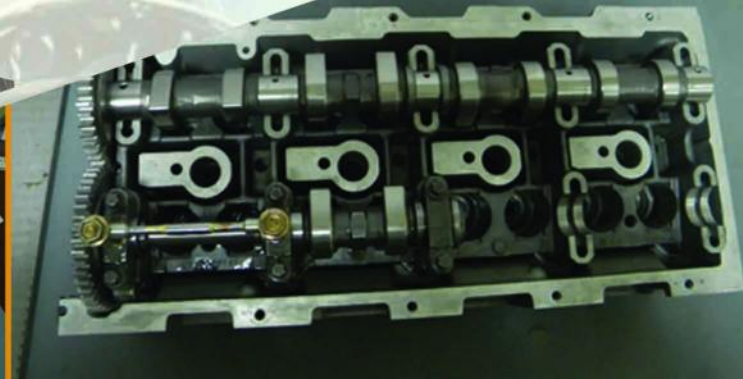
Pakistan is the 6th largest populated country of the world. Half of its population is living below 30 years of age. Car penetration stands at as low as 13 vehicles per 100 persons and an increasing per capita income Pakistan offers enormous potential for growth to global car-makers. It is, therefore essential to reach out to this huge growing trend. Similar, growth in the motorbike, tractor, bus and truck sector have been witnessed in the past, soon the industry will achieve economies of scale due to large volumes. Only the car industry itself is expected to grow at a much larger pace. As the industry has stepped in its 4th generation, termed as "Industry 4.0", which refers to the combination of several major innovations in digital technology, all coming to maturity right now, all poised to transform to energy and manufacturing sectors. These technologies include advanced robotics and artificial intelligence, sophisticated sensors; cloud computing; the Internet of Things; data capture and analytics; digital fabrication (including 3D printing); software-as-a-service and other new marketing models; smartphones and other mobile devices; platforms that use algorithms to direct motor vehicles (including navigation tools, ride-sharing apps, delivery and ride services, and autonomous vehicles); and the embedding of all these elements in an interoperable global value chain, shared by many companies from many countries. Majority of the jobs today will be made redundant therefore it's very important to plan today in order to solve these problems tomorrow.

Vision

To portray the potential of auto engineering industries among the stake holders and lead this industry on a fast track growth trajectory with technology upgradation and knowledge base.

Objectives

- To provide a platform to Government Policy Makers to get an updated insight of the Auto Engineering Industry and its various components that need short and long-term policy framework.
- Provide formulated problems to academia for the sole purpose of research
- Industrial and Technology Foresight of the future of this sector
- User must be empowered by technology, transparency and abundance of information
- Improving international market access and sharing vital information on accessible platform
- Building capacity of the future by aiding in redesigning of curriculum for Engineers, Managers, Technicians in accordance with the demands of industry



Important Dates

Abstract Submission Due Date: 30th October 2018
(Maximum 3 Pages)

Notification of Acceptance: 6th November 2018

Registration Due: 16th November 2018

Topics

- Role of academic Institutions in uplifting Auto sector
- Electric Vehicles and beyond
- New vehicle technologies
- Emission Standards
- Engine Performance Improvements
- The role and progress of localization in auto industry
- Fourth Industrial Revolution: Can it be Great Equalizer?
- Global Value Chain Integration: A Strategic Dimension for Pakistan Auto Industry
- Auto Industry in Pakistan: baseline Scenario
- Public policy: From Regulation to Facilitation

Address

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National University of Sciences and Technology (NUST) sector
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Instructions for Authors

The conference accepts extended abstracts (3 pages max) which will be peer-reviewed by subject experts. Acceptance of abstract will be notified through email.

Extended abstract of 3 pages maximum to be submitted, should include
Purpose (mandatory)
Design/methodology/approach (mandatory)
Findings (mandatory)
Research limitations/implications (if applicable)
Practical implications (if applicable)
Social implications (if applicable)
Originality/value (mandatory)
Extended abstract can be submitted through email address: icae@smme.edu.pk

Authors will be requested to submit full paper for consideration in special issue of NUST Journal of Engineering Sciences (NJES ISSN: 2070-9900) (HEC x-category journal). All papers will go through peer-review and plagiarism checks. Authors are requested to submit Turnitin Plagiarism Report along with full paper.

Registration and Participation

For registration please visit
<http://http://smme.nust.edu.pk/icae/>

Participant as Presenter: 5000 PKR
Student (will get 50% discount): 2500 PKR

NUST Journal of Engineering Sciences (HEC
Approved ' x ' category journal)
<http://journals.nust.edu.pk/index.php/njes>



1st International Conference on Automotive Engineering

5th - 6th December 2018
(Wednesday-Thursday)

The conference covers keynote presentations by internationally renowned academicians, industry experts and government officials. Along with presentations, OEM and Vendors will also display their products in the exhibition. The event provides a unique opportunity to learn from experts and get the updates about Pakistan auto sector.

