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A Quarterly Peer-Reviewed Journal

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Editorial

Dear Readers,

It is my privilege to present with you the current edition of ARAI Journal of Mobility Technology. The current edition has a rich collection of scholarly articles and research papers on a diverse set of topics from Vehicle Design, Auto Electronics, Suspension system, Tyre and Battery. This is quite a true representation of the width of knowledge and skills that is essential for this domain of Mobility Technology.

In terms of learning in real-life, learning from failures is considered to be one of the most recognised methodologies of learning. The current issue presents two excellent case studies of Failure Analysis. A lot can be learnt by young and experienced engineers from such failure analysis of automobile components.

Automotive powertrain technologies are changing rapidly with faster adoption of Battery Electric Vehicle and Hybrid Electric Vehicle. There is a significant push through various government policies in accelerating the adoption of e-vehicles in India across various vehicle categories. We notice a significantly wider application and development of various energy storage devices for mobility applications. At the same time, this will necessitate availability of skilled manpower resources for supporting the growth being witnessed by the industry.

At Automotive Skills Development Council (ASDC), our focus is on facilitating skill development initiatives for emerging technologies in the automobile industry. Our emphasis is currently on providing training modules for young aspirants on new technologies in the space of electric vehicles, automation and robotics, connected and autonomous vehicles, vehicle cybersecurity, Data Analytics, Artificial Intelligence, IIoT and Machine Learning applications. We strongly support the initiative of wider dissemination of knowledge and skills through Mobility Engineering journal promoted by ARAI.

As part of the journey that India undertakes to India@100, young engineers and technocrats of this country have a unique opportunity to impact our world and collaborate on technology applications with others across the world. I sincerely wish that ARAI Journal of Mobility Technology plays the role of an important catalyst in the journey.

I wish you all Happy reading and advance best wishes as we embrace another New Year 2023.

Arindam Lahiri

Chief Executive Officer,
Automotive Skills Development Council (ASDC)
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ARAI Journal of Mobility Technology is a print and online technical journal dedicated to automotive and related fields. It is a quarterly publication that covers automotive and related topics. Its main goal is to meet the needs of professionals, academia, and industry, and to disseminate original research in all fields of automotive technology. One of the objectives of the journal is to provide a platform for the publication of articles on a variety of automotive and related topics. A manuscript published in this journal will receive a lot of attention and acquire a very high reputation in the automotive and research communities.

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