



Online: ISSN: 2583-3707

# ARAI Journal of Mobility Technology

A Quarterly Peer-Reviewed Journal

Volume 3, Issue 4, October-December, 2023

Date of Publication: 1<sup>st</sup> October 2023  
Owned by: Automotive Research Association of India  
Acronym: AJMT  
Language of Publication: English  
Periodicity: Quarterly (Jan, Apr, Jul, Oct)  
Subject: Engineering (Automotive)  
Started Year: 2021 (Oct-Dec)  
Publication Nature: Print & Online  
Website: <https://araijournal.com/index.php/arai>  
Email: [journal.pub@araiindia.com](mailto:journal.pub@araiindia.com)  
© ARAI, Pune

Printed by: Mr. KAMLESH KUMAR VIJAYVARGIYA  
Published by: Mr N. B. DHANDE

On behalf of the owner AUTOMOTIVE RESEARCH ASSOCIATION OF INDIA (ARAI), Pune Maharashtra printed at Aditya Offset Process (I) Pvt. Ltd., H. No. #3-1/7, Survey No. 56/1, Jalpally Village, Sarooranagar (Mandal), Ranga Reddy (Dist), Hyderabad and published from AUTOMOTIVE RESEARCH ASSOCIATION OF INDIA, Survey No. 102, Vetel Hill, Off Paud Road, Kothrud, Pune - 411038, Maharashtra, India.

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Publication from  
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**The Automotive Research Association of India**

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Survey No. 102, Vetel Hill, off Paud Road, Kothrud, Pune-411038, Maharashtra, India.  
Publisher Contact: (020)-3023-1130, Email: [dhande.dts@araiindia.com](mailto:dhande.dts@araiindia.com)  
Editor Contact: (020)-3023-1434, Email: [thipse.edl@araiindia.com](mailto:thipse.edl@araiindia.com)

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## Editorial

Online: ISSN: 2583-3707

**ARAI Journal of Mobility Technology**

<https://araijournal.com/index.php/arai>

Volume 3 • Issue 4 • October – December, 2023

DOI:10.37285/ajmt.3.3.0



**Dr. S.S. Thipse**

Sr. Deputy Director &  
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Laboratory,  
Environment Research  
Laboratory &  
Knowledge Centre  
Automotive Research  
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In the rapidly evolving landscape of mobility technology, the ARAI Journal of Mobility Technology takes pride in presenting its Oct–Dec 2023 issue—a testament to the relentless pursuit of innovation and excellence within the automotive realm.

The world is at a pivotal juncture, demanding sustainable solutions to mitigate the environmental impact of transportation. This journal delves into ground-breaking advancements in electric and hybrid vehicles, shedding light on technological strides that promise to reshape the future of mobility. As we stand on the brink of a cleaner, greener era, the ARAI Journal is your guide to understanding and embracing sustainable mobility.

Autonomous vehicles have transitioned from fiction to reality, and this journal explores the latest breakthroughs in autonomous driving technology. From cutting-edge sensor systems to artificial intelligence algorithms, discover how researchers and engineers are propelling us toward a future where vehicles navigate with unparalleled precision, safety, and efficiency.

The digital revolution has transformed the automotive industry. With the advent of 5G and beyond, this journal explores the transformative impact of connectivity on vehicles. From smart infrastructure to advanced driver-assistance systems, discover how the fusion of technology and automotive engineering is creating a connected ecosystem that enhances the driving experience and ensures unprecedented levels of safety.

Innovation is not without its challenges, and this journal candidly addresses the hurdles faced by the mobility technology sector. From regulatory considerations to cybersecurity concerns, our editorial team examines the complexities that accompany progress, providing insightful perspectives on navigating the intricate landscape of modern automotive development.

The issue shines a spotlight on ground-breaking research and development initiatives. Whether it is materials engineering for lightweight or the exploration of alternative fuel sources, the ARAI Journal is your gateway to the latest discoveries and advancements driving the automotive industry forward.

As we embark on a new era of mobility, this issue of the ARAI Journal of Mobility Technology serves as a compass, guiding industry professionals, researchers, and enthusiasts through the dynamic landscape of technological innovation. Together, let us embrace the challenges, celebrate the successes, and collectively steer the course toward a future where mobility is not just a means of transportation but a catalyst for positive global change.

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