

**21<sup>st</sup> November, 2024**

<b>National Stock Exchange of India Limited</b> Exchange Plaza, Plot No. C/1, G-Block Bandra Kurla Complex, Bandra (E) Mumbai - 400 051 NSE Symbol: <b>AARTECH</b>	<b>BSE Limited</b> Listing Department. Phiroze Jeejeebhoy Towers, 1 <sup>st</sup> Floor, New Trading Ring, Rotunda, Dalal Street, BSE Scrip Code: <b>542580</b>
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**Sub: Aartech Solonics Limited**, in collaboration with Sudarshan Chakra Corps (EME) and IIT Mumbai, proudly announces the development of the **Adaptive Alternate Power Module (AAPM)**—a revolutionary indigenous innovation for Armored Fighting Vehicles (AFVs) and Guns, including the K9 Vajra.

Dear Sir/Ma'am

Pursuant to applicable provisions of the SEBI (Listing Obligations and Disclosure Requirements) Regulations, 2015, as amended from time to time, we wish to inform you that our company, in collaboration with Sudarshan Chakra Corps (EME) and IIT Mumbai, has successfully developed the **Adaptive Alternate Power Module (AAPM)**—a revolutionary indigenous innovation for Armored Fighting Vehicles (AFVs) and Guns, including the K9 Vajra. This innovation marks a significant step towards **Atma Nirbhar Bharat**, and is designed to provide regulated DC power to tanks and guns based on desired load, eliminating the need to switch on the main engine. This breakthrough technology extends engine life, reduces fuel consumption, and enhances operational efficiency in extreme conditions.

Thanking You,

Yours Faithfully,

For Aartech Solonics Limited

**K R Tanuj Reddy**  
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## Press Release

### Proud Moment for Aartech Solonics Limited and Sudarshan Chakra Corps of Indian Army

Aartech Solonics Limited, in collaboration with **Brig. Manmeet Singh Soni** of Sudarshan Chakra Corps (EME) and IIT Mumbai, proudly announces the development of the **Adaptive Alternate Power Module (AAPM)**—a revolutionary indigenous innovation for Armored Fighting Vehicles (AFVs) and Guns, including the K9 Vajra.

### A Landmark in Civil-Military Collaboration

This invention is designed to provide regulated DC power to tanks and guns based on desired load, eliminating the need to switch on the main engine. This breakthrough technology extends engine life, reduces fuel consumption, and enhances operational efficiency in extreme conditions.

### Key Features

- **Engine Life Saver:** Supplies power without running the main engine, preserving up to 20% of engine life typically consumed during gun-firing operations.
- **Wide Temperature Range:** Operates seamlessly from +60°C to -30°C, making it ideal for both the scorching deserts and the freezing Himalayan heights.
- **Indigenous and Validated:** Jointly developed and tested by Aartech Solonics and the Indian Army, and validated by IIT Mumbai.
- **Patent Filed:** Intellectual Property Rights (IPR) have been filed under Patent Application No. E-2/1858/2024/MUM.

This innovation marks a significant step towards **Atma Nirbhar Bharat**, showcasing the power of coordinated efforts between the armed forces and the Indian industry.

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