

One Day Workshop on Opportunities in Research and Development in Armament Establishments

(ARMREB-2020)

Indian Institute of Technology Indore

August 26, 2020



IIT INDORE

Jointly Organized by

Armament Research Development Establishment (ARDE), DRDO, Pune

and

Department of Metallurgy Engineering and Materials Science,

Department of Mechanical Engineering,

Indian Institute of Technology Indore



In Association with

Center for Futuristic Defense and Space Technologies (CFDST)

@ IIT Indore

Preface:

Defense Research and Development Organization (DRDO) has endeavored and pursue scientific research in state-of-art technologies needed for design and development of world class defense equipments and systems. For achieving this, DRDO collaborates with academic institutions, R&D organizations and industries for promoting innovative research in scientific field for armament discipline. Armament Research Establishment Board (ARMREB) provides grant-in-aid schemes to harness and nurture the research talents available in academic and R&D institutions. Under this scheme, grants are offered to universities/colleges/research organizations/for research in basic sciences and engineering, developing basic facilities and infrastructures, conduct seminars, symposia, workshops etc... The research activities of ARMREB are related Armaments. Armament being a very complex multi-disciplinary systems, it involves different areas such as ballistics and aerodynamics, materials and metallurgy, mechanical and electronics engineering, sensors and opto-electronics, computer techniques, explosive and pyrotechniques, modelling, simulations and system analysis etc.... To cover the entire spectrum of Armament discipline, six research panels (ASE, MAA, ADMB, CDSW, HEM & STE) have been established for the effective implementation of various projects leading to develop indigenous systems.

About the Workshop:

The workshop on "Research and Development Projects and Opportunities in Armament Filed" is aimed to spread awareness about the research opportunities with ARMREB. To elaborate more about the ARMREB's area of interest, sessions will be conducted by panel coordinators which will include a brief of research thrust areas of various panels. The respective panel Chairmen with concerned Lab Directors and Scientists from ARMREB HQ also share their views.

Target Audience:

The workshop will be of great interest of faculties from various academic institutes, research scholars, graduate students and scientists from various esteemed research organizations.

Registration and Venue:

There is no registration fees for the workshop. However, interested participants need to fill the Google form by clicking on the below mentioned link:

https://docs.google.com/forms/d/e/1FAIpQLSdKexpL2sXGy3u_c9d4unetLkoK9cBmqp7DleRyUgVq93KXA/viewform?usp=pp_url

Participants also need to send a confirmation email to [**Mr. Vaibhav Kathavate \(phd1701205002@iiti.ac.in\)**](mailto:Mr. Vaibhav Kathavate (phd1701205002@iiti.ac.in))

Venue:

Indian Institute of Technology Indore,
Khandwa Road, Simrol,
Indore 453 552 (Madhya Pradesh) India.

All the sessions will be held through online virtual mode via Google meet. However, Google meet link will be shared two days prior to the workshop

Convenors:

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Dr. Indrasen Singh,
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Dr. Bibhuti B. Padhy
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**ARMREB Workshop
@ IIT Indore
26 August 2020
(through Google meet-
Online mode)**