

PRESS INFORMATION BUREAU (DEFENCE WING)  
GOVERNMENT OF INDIA

\*\*\*\*\*

DRDO AT 102<sup>ND</sup> INDIAN SCIENCE CONGRESS, MUMBAI (A CURTAIN RAISER)

New Delhi: Pausha 11, 1936

Thursday, 01 January 2015

Experts from 28 DRDO laboratories will be present at the “102<sup>nd</sup> Indian Science Congress” to be held from 03- 07 January 2015 in Mumbai. The experts will also present during “Pride of India-Science Expo” being held along with the “102<sup>nd</sup> ISC” for lively interactions. DRDO is the R&D wing of the Ministry of Defence, with its 52 laboratories and establishments engaged in development of weapon systems, platforms and equipment for the armed forces. Many of these, particularly the soldier support systems, have found civil applications. Bio-toilets, variety of packaged, ready to eat food, agro-animal technologies for high altitudes and explosive detection kit are salient examples.

‘CBRN-Unmanned Ground Vehicle’ and torpedo Varunastra will be start attractions among outdoor exhibits. The other models and exhibits will cover wide range of products of R&D in DRDO. These will include strategic and tactical missiles Agni, Prithvi, Nag, Akash, BrahMos and Astra; AEW&CS aircraft – often called ‘eyes-in-the-sky’, Tejas - Light Combat Aircraft, UAVs NISHANT and Lakshya, Arjun main battle tank, Armoured ambulance & Combat improved Ajeya; Autonomous Underwater Vehicle and Mareech Decoy, military communication equipment; Electronic Warfare systems, Night Vision Devices: Microwave Devices; NBC protective systems; Flameless Heating Pack for instant food warming, Nano technology based products; Agro-animal technologies; “Packaged Food products”. The other products / models on display include Pinaka launcher, Radars, parts of indigenous gas turbine engine, light weight laser target designator with thermal imager, holographic sight with gun, inertial navigation systems (INS) based on Fiber Optic Gyroscope (FOG), Ring Laser Gyroscope and MEMS, Thermal battery, Ceramic Radome, bullet proof jacket and other ballistic protection items, systems and products for protection from nuclear biological and chemical (NBC) warfare agents, e-nose for explosives detection.

Dr Satish Kumar, DS & Chief Controller R&D (Technology Mgmt.) will address the audience during the public outreach session on 03<sup>rd</sup> January at main pandal, covering wide spectrum of DRDO products and technologies. Shri Anil Datar, Director General (Armament & Combat Engineering Cluster), will chair a session on ‘**Innovate and Make in India**’ on 06 January Dr (Mrs) Shashi Bala Singh, OS & Director, Defence Institute of Physiology and Allied Sciences (DIPAS), is giving presidential address: “Improving Health and Habitability of Troops in Extremes of Environment” In addition other experts: Abhai Kumar, Neeru Tiwari, Dhurjati Majumdar, Usha Panjwani, Nidhi Sandal, Deepti Majumdar, D. N. Tripathi, Amit Saraiya, Debmalya Roy, Alok Kumar Srivastava are giving talks in various sessions (details on <http://www.isc102.in/>).

HH/Ranjan