

Focus on application-oriented research

The workshop was inaugurated by PK Mehta, DS & Director General-Armament and Combat Engineering (ACE), Prof Appa Rao Podile, Vice-Chancellor, UoH and Director-HEMRL, K P S Murthy.

Hyderabad: A one-day workshop titled ‘Development of Binders and Plasticisers for Energetic Applications’ was organised at the Advanced Centre of Research in High Energy Materials (ACRHEM), a Defence Research and Development Organisation (DRDO) Centre of Excellence at the University of Hyderabad (UoH) in collaboration with the High Energy Materials Research Laboratory (HEMRL)-DRDO, Pune.

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Speaking on the occasion, Mehta elaborated the need for developing indigenous molecules that can be used for defence and space applications. Prof Appa Rao underscored the computational facilities available at UoH which is need of the hour in the ‘Design & Synthesis of Novel High Energy Molecules’.

The HEMRL Director, KPS Murthy discussed importance of application-oriented research and the role of ACRHEM to focus on product driven R&D activities. Speakers from VSSC-ISRO, IIT Bombay, CSIR-IICT, CSIR-NCL, HEMRL-DRDO and UoH delivered lectures on Development of Binders and Plasticizers for Energetic Applications.

The present scenario of energetic binders and plasticizers at Isro and DRDO were explored in depth. The two lecture sessions, each followed by engaging panel discussions, were chaired by eminent scientists from DRDO, Dr. S N Asthana and Dr Manoj Gupta. About 100 delegates participated in the workshop.