

National Consultative Meeting discusses development of National Mission on Quantum Technology & Applications (NM-QTA)

Department of Science & Technology organized (DST) a National Consultative Meeting (NCM) on National Mission on Quantum Technology & Applications (NM-QTA) at IIT Delhi on 30th Nov to 1st Dec, 2019. The mission aims to develop and demonstrate Quantum Computers, Quantum Communication and Quantum Key Distribution (QKD), develop quantum algorithms and new applications to meet the next generation requirements of the country. Subject Experts and stakeholders came together to identify thrust areas of research, and formulate the Detailed Project Reports (DPR) for NM-QTA at the 4th Edition of the NCM. One of the tracks of NM-QTA is Quantum Materials & Devices.

NM-QTA is one of the 9 Missions of National importance, being driven by the Prime Minister's Science and Technology Advisory Council (PM-STIAC) through the (Principal Scientific Adviser) PSA's Office to leverage cutting edge scientific research for India's sustainable development.



The NCM brought together experts and stakeholders from various Scientific & Academic institutions namely DST, IIT Delhi, Defence Research and Development Organisation (DRDO), Bhabha Atomic Research Centre (BARC), Indian Institute of Science (IISc) Bangalore, Indian Institute of Science Education and Research (IISER) Bhopal, Ministry of Electronics and Information Technology (MeitY), Delhi University participated in the two day meeting.

The experts deliberated on topics ranging from Quantum Matters & Material Design to Applications & Industrial connection of Quantum Materials and stressed on adopting a culture of teamwork, mutual collaboration of various researchers to compete at the global level.