

“Materials for Energy Conservation and Storage Platform” (MECSP) – 2017 Proposals shortlisted for next level of evaluation

SI No.	Name of the Platform*	Lead PI &Institute	Partner Institute	Main theme of the Centre	Sub theme
1.	DST's Energy Storage Platform on Batteries	Dr.SuddhasatwaBasu Department of Chemical Engineering, IIT Delhi	1. IISc, Bengaluru 2. CFCT, ARCI-Chennai 3. CSIR CGCRI, Kolkata 4. IICT-CSIR, Hyderabad	Batteries	Vanadium Redox Flow Battery Na-ion and Na-air Batteries Al-ion batteries
2.	DST's Energy Storage Platform on Hydrogen Storage	Dr.Pratibha Sharma Department of Energy Science and Engineering, IIT Bombay	1. IIT Guwahati 2. IIT Tirupati 3. IIT Kanpur 4. NIT Rourkela	Hydrogen Storage	Metal Hydride
3.	DST's Energy Storage Platform on Hydrogen Storage	Dr. K Balasubramanian Distinguished Scientist & Director, NFTDC, Kanchanbagh, Hyderabad	1. IISc, Bengaluru 2. IITM, Chennai 3. IIT Bhubaneswar 4. SreeChitraThirunal College of Engineering, Thiruvananthapuram	Hydrogen Storage	Metal Hydride

*Tentative

4.	DST's Energy Storage Platform on Supercapacitor	Dr. Naga Phani B Aetukuri Solid State and Structural Chemistry Unit, Indian Institute of Science, Bangalore	2. IIT, Chennai 3. CECRI, Karaikudi 4. Pondicherry University	Supercapacitor	Ultracapacitor Lead flow batteries Na-ion batteries Redox flow batteries
5.	DST's Energy Storage Platform on Batteries	Dr. Shantikumar Nair Director & Dean Centre for Nanosciences, Amrita Vishwa Vidyapeetham, Kochi	1. IIT, Bombay 2. JNCASR, Bengaluru 3. IIT, Madras 4. Bhabha Atomic Research Centre, Mumbai 5. CSTEP, Uttar Pradesh	Batteries	Li ion batteries Na ion batteries Mg ion Batteries

***Tentative**