

**Projects recommended for approval under India Poland programme-2017**

S. No	DST Ref No.	Project Title	Indian PI	Polish PI
1.	DST/INT/Pol/P-19/2016	Observational signature of super massive black Holes: TeV blazars in multi - wavelength view.	Dr Alok Gupta ARIES, Nainital	Michal Ostrowski Warsaw University
2.	DST/INT/Pol/P-20/2016	Investigation on the Structure-Property relations in Novel Europium based Intermetallic compounds	Dr Sebastian C. Peter, JNCASR, Bangalore	Dariusz Kaczorowski Institute of Low Temperatures, Wroclay
3.	DST/INT/Pol/P-21/2016	Design, synthesis and biological evaluations of B-serretare inhibitors as anti - Alzheimer's agents.	Dr. Ruchi Malik, Central University of Rajasthan, Ajmer	Prof. Slawomir Fillper , Polish Academy of Sciences
4.	DST/INT/Pol/P-22/2016	Pharmacological mimicking of cold via cold thermo-receptors (Transient Receptor Potential Ankyrin (A) 1 and Metastatin (M) 8) and energy regulation: novel implications in obesity and type-2 diabetes	Dr. Mahendra Bishnoi, NABI, Mohali	Adam Gesing, University of Lodz
5.	DST/INT/Pol/P-23/2016	Dynamics of Liquid electrolytes and ionogels by means of NMR relaxometry	Dr RK Singh. D/o Physics, BHU, Varanasi	Dr Danuta Kruk, Uniwersytet Warmiński
6.	DST/INT/Pol/P-24/2016	Development of sensors for compounds important for clinical analysis and food safety	Dr. K. Girish Kumar, CUSAT, Cochin	Dr. Jerzy Radecki, Institute of Animal Reproduction & Food
7.	DST/INT/Pol/P-25/2016	Dissecting the association of miRNAs with mitochondria state and its involvement in mitochondria-mediated inflammation in brain ischemia	Dr Rajesh Singh, MS University Vadodara	Dr Bozena Kaminska, Institute of Experimental Biology
8.	DST/INT/Pol/P-26/2016	New Semiconductors Based Solution-Processed Small Molecule for Optoelectronic Devices	Dr SP Singh IICT, Hyderabad	Prof Jacek Pawel Ulanski, University of Lodz
9.	DST/INT/Pol/P-27/2016	Development of novel thiazolidinediones (TZDs) with anti - leukemic potential.	Dr. C.S. Ramaa Bharti Vidyapeeth, Navi Mumbai	Dr Piotr Mrówka, Medical University of Warsaw
10.	DST/INT/Pol/P-28/2016	Elucidation of Synergistic Solvation in Alcohol-Chlorinated methane Binary Solvent Mixture by Optical Kerr Effect Spectroscopy	Dr Prateek Sen, D/o Chemistry IIT Kanpur	Dr Wojciech Gadomski, University of Warsaw

11.	DST/INT/Pol/P-29/2016	Design and development of a new innovative parallel microchannel heat sink with mitigated flow maldistribution	Dr Ritunesh Kumar IIT Indore	Prof. Dariusz Przemysław Mikielwicz, University of Gdansk
12.	DST/INT/Pol/P-30/2016	Evaluation of Anti-Glycation and Antioxidant Properties of Natural Polyphenolic Compounds in Experimental Models of Diabetic Complications.	Dr Ashutosh Kumar, NIPER, Hyderabad	Dr Maria Zamarajewa , University of Bialystok
13.	DST/INT/Pol/P-31/2016	Development of efficient and cost effective catalysts for C-H bond activation through simultaneous production of CO free hydrogen and carbon nanotubes from renewable H <sub>4</sub> : A value addition process.	Dr A Venugopal, IICT Hyderabad	B. Michalkiewicz , Polish Academy of Sciences
14.	DST/INT/Pol/P-32/2016	Strategies for the Heterocycle Synthesis: Art of Contriving Molecules via C–H Bond Activation	Dr Debabrata Maity, IIT Bombay	Dr. Jacek Skarzewski, Wrocław University of Technology
15.	DST/INT/Pol/P-33/2016	Development of materials for the large enhancement in the thermoelectric properties using efficient computational approach	Dr PK Jha, MS University Vadodara	Dr. Piotr Spiewak Warsaw University of Technology
16.	DST/INT/Pol/P-34/2016	An Efficient Software Defined Network (SDN) - based Framework for Big Data Processing in Cloud Data Center	Dr Neeraj Kumar Thapar University Patiala	Prof. Krzysztof Szczypiorski, Warsaw University of Technology
17.	DST/INT/Pol/P-35/2016	Novel potential antifungal drugs active against multidrug-resistant yeasts from the Candida genus	Dr Rajendra Prasad Amity University Gurgaon	Dr Sławomir Milewski, Gdańsk
18.	DST/INT/Pol/P-36/2016	Genetic biomarkers for breast cancer subtypes: the role of membrane receptors in modelling of heterogeneous populations of tumor cells	Dr Indrajit Saha NITTTR, Kolkata	Dr. Dariusz Plewczynski , University of Warsaw