

**Department of Science & Technology**  
**International Division**

An Indo-Korean Joint call for proposals under the Programme of Cooperation with the Ministry of Science, ICT and Future Planning of the Republic of Korea in the areas of (i) Nutrition & Food Safety; (ii) Chemical & Biochemical Technologies; (iii) Water Resources & Environment (iv) Green Mobility (Transportation) and (v) Information & Communication Technologies was advertised in September 2016. In total, 107 common proposals were received against the joint call for which last date was 17<sup>th</sup> October 2016. Based on scientific merit, complementarities of the project objectives, scientific strengths of the project coordinators, national priorities of both the countries and availability of fund, Department of Science & Technology, India and Ministry of Science, ICT and Future Planning of the Republic of Korea have jointly decided to support following 6 proposals. The duration of the project would be for 3 years. Project coordinators are being informed separately to complete administrative formalities for release of DST grant.

<b>SI No</b>	<b>Title</b>	<b>Indian Coordinator</b>	<b>Korean Coordinator</b>
1.	Development of non-noble metal based nano-sized catalyst supported on structure controlled mesoporous materials for water gas shift reaction <b><u>(ROK-73)</u></b>	Dr. C.V. Rode, CSIR-National Chemical Laboratory, Pune	Dr. Hyun-Seog Roh, Yonsei University, Gangwon-do
2.	Development of Single Step Multiple C-H Bond Activation by applying Photocatalytic Technology : A Greener Approach en route for Drug Cores <b><u>(ROK-105)</u></b>	Dr. Debabrata Maiti, Indian Institute of Technology Bombay	Dr. Eun Jin Cho, Chung-Ang University, Seoul
3.	Study for the development and characterization of immunomodulating functional mango butter based chocolate fortified with curcuminoids and its potential uses. <b><u>ROK-06</u></b>	Dr. Kunal Pal, National Institute of Technology, Rourkela	Dr. Doman Kim Seoul National University
4.	Strategic Biorefinery platform with integrated bioprocess in a self-sustained closed loop for multi-biobased product output. <b><u>ROK-17</u></b>	Dr. S. Venkata Mohan, CSIR-Indian Institute of Chemical Technology, Hyderabad	Dr. Booki Min, Kyung Hee University, Gyeonggi-do

5.	Strong and wear resistant SiC nano composites for efficient green transport engine system. <b><u>ROK-106</u></b>	Dr. B. Venkata Manoj Kumar, Indian Institute of Technology, Roorkee.	Dr. Young-Wook Kim The University of Seoul
6.	On Improving the Security of Biometric Images. <b><u>ROK-104</u></b>	Dr. Subhasis Chaudhuri Indian Institute of Technology, Bombay	Dr. Gyeyoung KIM, Soongsil University, Seoul

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