

<b>Inter-Sectoral Science &amp; Technology Advisory Committee Project List (2007-2008)</b>					
<b>S.No.</b>	<b>File No</b>	<b>Title</b>	<b>PI Name and Address</b>	<b>Duration (inYears)</b>	<b>Total cost (in lakhs)RS.</b>
1	DST/IS-STAC/CO2-SR-3/07	"Modeling and simulation of Carbon Recycling Technology though conversion of Co <sub>2</sub> into useful multi-purpose fule"	Dr. V. K. Sethi, School of Energy and Environment Management, Rajiv Gandhi Technological University, Bhopal	3	24.5
2	DST/IS-STAC/CO2-SR-26/07	"Pilot Bio-reactor using biological and chemical carbon dioxide sequestration" (Integrated Biological and Chemical co2 sequestration)	Dr.T. Chakrabarti, National Environmental Engineering Research Institute (NEERI), Nagpur	3	38.04
3	DST/IS-STAC/CO2-SR-33/07	"Sequestration of carbon dioxide (CO2) into geological environment (Gas Hydrate): Laboratory Studies	Dr. PSR Prasad, National Geophysical Research Institute (NGRI), Hyderabad	3	40.88
4	DST/IS-STAC/CO2-SR-06/07	"Development and Characterization of porous Solid Adsorbents for sequestration of Carbon Dioxide (CO2)" (Metal Silicates for pre-combusion High Temeratue CO2 Removal (IGCC Conditions))"	Dr. A. G. Gaikwad, National Chemical Laboratory (NCL), Pune	3	24.56
5	DST/IS-STAC/CO2-SR-12/07	"Experimental and stimulation studies on CO2 sequestration using solar chemical Methods"	Dr. (Mrs.) M. Premalatha, center for energy and enviornment science and technology(CEESAT), NIT,tiruchirapalli	3	54.7
6	DST/IS-STAC/CO-SR-39/07	"Analysis of Carbon Capture and storage (CCS) technology in the context of Indian Power Sector	Dr. Jyothi Parikh, Integrated Research and Action for Development (IRADe), New Delhi	2	23.05
7	DST/IS-STAC/CO-SR-04/07	"Predicting Soil Carbon changes under different bio-climatic systems in India"	Dr. Tapas Bhattacharyya, National Bureau of Soil Survey and land Use Planning (an ICAR Laboratory), Nagpur	3	16.72
8	DST/IS-STAC/CO2-SR-10/07	"Improving carbon and nitrogen sequestration: A Transgenic approach to lower green house gas"	I Dr. Sanjay Kumar , Institute of Himalayan Bio-resources Technology (a CSIR Laboratory), Palampur, Himachal Pradesh	3	35.29
9	DST/IS-STAC/MP-097/06	Establishment of steel technology center at IIT, Kharagpur	Director, IIT, Kharagpur	5	4.05
10	DST/IS-STAC/PROBE-Orissa(06)/07	Establishment of Technical Rsource Center at Sambalpur University, Orissa under PROBE-Orissa Program	Dr. P C Misra, Sambalpur University Orissa	3	24.15
11	DST/IS-STAC/PROBE-Orissa(02)/07	Establishment of technical resource center at action research for SE development Patangarh, Distt. Bolangir, Orissa under PROBE-Orissa Program	Dr. Ramchandra Raut, Center at Action research for SE Development patangarh, Distt. Bolangir, orissa	3	18.6
12	DST/IS-STAC/PROBE-Orissa(08)/07	Establishment of Technical Resource center at SUPRATIVA, cuttack under PROBE_Orissa	Dr. B Mahapatra, SUPRATIVA, Cuttack, Orissa	3	19.15