

Project List for the Year 2007-2008

S.No	File No	Title	Investigator/Complete address of Institute	Duration (Months)	Cost (Rs)	Amount Released (Rs)
1	IDP/IND/2006/99	Upscaling of lab model CA cold storage system to pilot model for increasing the shelf life of apples	Dr. Sujit K. Sinha National Research & Technology Consortium, Parwanoo, Himachal Pradesh	24	25, 93,000/-	16, 00,000/-
2	IDP/IND/2006/92	Design and development of controlled melting and freezing system for preparation of ultra pure crystalline materials for optoelectronics	Dr. V.N. Mani, Centre for Materials for Electronics Technology (C-MET), IDA Phase III, Cherlapally, HCL (PO), Hyderabad- 500 051, Andhra Pradesh	36	28, 39,960/-	24, 00,000/-
3	IDP/IND/2006/102	Development of noise pollution level monitoring system for textile industry	Dr. V. Raghuram, Principal Research Engineer, Department of Mechanical Engineering, Indian Institute of Technology (IIT), Kanpur	24	6, 28,440	4, 00,000/-
4	IDP/IND/2007/06	Design and development of computer aided digital fineness tester for cotton and wool	Mr. S. Mohanraj, Lecturer, Bannari Amman Institute of Technology, Sathyamangalam-638 401, Tamil Nadu	24	9, 41,000	8, 00,000/-
5	IDP/IND/2006/98	Development of an instrument for measurement of opening force of fibrous assemblies	Prof. R. Chattopadhyay, Department of Textile Technology, Indian Institute of Technology (IIT), New Delhi	24	18, 81,000/-	10, 00,000/-
6	IDP/IND/2007/05	Moisture evaluation with microcontroller based instrument for measuring trace moisture present in transformer oil	Dr. K. Sengupta, Scientist, Scientist, Electroceramics Division, Central Glass and Ceramic Research Institute (CGCRI), Kolkata-700 032	36	29, 76,000/-	23, 00,000/-
7	IDP/IND/97/2006	Instrument for generating atmospheric pressure uniform	Dr. Ashwini Kumar Agrawal, Professor, Department of	36	33, 54,000/-	20, 00,000/-

		glow discharge plasma suitable for applications in textile	Textile Technology, Indian Institute of Technology (IIT) , New Delhi-110016			
8	IDP/IND/84/2005	Design and development of clamping devices for testing tensile properties of high strength technical textile fabrics	Dr. Ashwini Sudam, Scientist, Synthetic and Art Silk Mills Research Association (SASMIRA), Worli, Mumbai-400 030	24	17,32,000/-	14,00,000/-
9	IDP/IND/85/2005	Design and development of tensile creep apparatus for geotextile testing	Mrs. Manisha A. Hira, Scientist, Synthetic and Art Silk Mills Research Association (SASMIRA), Worli, Mumbai-400 030	24	16,96,000/-	13,50,000/-
10	NO.ID/Sen/94/07	Development of miniature chemical gas sensor based on carbon polymer nano polymer nano-composites	Prof.(Dr.) Prasad Vishnubhotla, Principal Research Scientist, Dept. of Physics, Indian Institute of Science, Bangalore.	24	14,76,000/-	10,00,000/-
11	NO.ID/Sensor/82/06	Development of novel plasma reactor for production of Nano Alumina for various industrial applications	The Director, Dalmia Institute of Scientific and Industrial Research, Post Box No.2, Rajgangpur-770017, Dist. Sundargarh, Orissa	36	25,46,800/-	17,00,000/-
12	NO.ID/Sen/96/07	Development of improved non-electronic soil analytical kit supplemented with soil health-card and fertilizer recommendation-Phase II"	Dr.(Mrs.)Seema Bhadauria, Reader, Raja Balwant Singh College, Agra	24	22,44,480/-	10,00,000/-
13	NO.ID/Sen/91/07	Development of a fluorescence based biosensor for detection of Iron	Prof. S.B. Chincholkar, Department of Microbiology School of Life Science, North Maharashtra University, Jalgaon-425001	24	15,62,320/-	9,00,000/-
14	NO.ID/Sensor/89/07	Feasibility of a low cost and portable pathogenic bacteria and toxin detector using porous silicon microelectrode array	Dr. C.R.C. Pramanik, lecturer, Bengal Engineering and Science University, Shibpur-711103, Howrah	36	21,30,080/-	12,00,000/-
15	NO/ID/Sen/90/07	Development and Limited scale	Dr. A.Sen, Scientist, Central	18	22,24,000/-	14,00,000/-

		supply of CO & Ch4 sensors for market survey	Glass & Ceramic Research Institute, 196, Raja, S.C. Mullick Road, Kolkata-700032			
16	NO.ID/Sen/83/06	Development of RTOS based electronic nose	Dr. R.John Bosco Balaguru, Lecturer, School of Electrical and Electronics Engineering, Shanmugha Arts, Science Technology & Research Academy(SASTRA)Deemed University,Tirumalaisamudram, Thanjavur-613402	36	20,31,480/-	11,50,000/-
17	NO.ID/Sensor/92/07	Development of holographic biosensor for detection of uric acid	Prof.(Dr.)P.K.Palanisamy, Department of Physics, Anna University, Chennai-600025	24	15,68,800/-	7,50,000/-
18	NO.ID/Sen/84/06	Development of Gas Sensor Arrey for Electronic Nose	Dr.M.C.Bhatnagar, Principal Scientific Officer, Physics Department, Indian Institute of Technology, Hauz Khas, N.D.	24	19,01,000/-	10,00,000/-