

ONGOING PROJECTS

Instrumentation Development Program

Sl.	Project Title	PI Name and Add.	Starting/ Closing Date	Cost (Lakhs)	Released
1.	Dev. Of prototype of Co ,Nox sensor	Dr. MC Bhatnagar, IIT Delhi	4.3.03/4.3.05	13.95	7.00
2.	Dev. Of Oxide Sensor	Dr. ST Laxmi Kumar, NPL, New Delhi	27.3.03/27.3.05	22.30	17.0
3.	Dev. Of metal oxide sensor to detect foul odour	Dr. GC Ghanshyam, CSIO Chandigarh	27.3.03/27.3.05	15.80	12.00
4.	Dev. Of NH3 sensor	Dr. SA Gangal Univ of Poona	7.3.03/7.3.05	16.74	12.00
5.	Dev. Of LPG Sensor	Dr. A K Pal, IACS , Kolkata	21.1.03/21/1/05	8.85	5.50
6.	Dev. Of Electrochemical Sensor	Dr. Kamal Singh Univ of Nagpur	28.3.03/28.3.05	24.38	20.00
7	Dev. Of process technology for LPG/CNG sensor	Dr. A Sen, CGCRI, Kolkata	18.3.03/18.3.05	21.41	17.00
8.	Dev. Of LPG and O2 sensor material using nanotechnology	Dr. G Sarla Devi and Sunikara Manorama, IICT, Hyderabad	10.3.03/10.3.05	17.02	13.00
9.	Dev. Of Optoelectronic Nose	Dr. D C Gharpure, Univ. of Poona	28.2.03/28.2.05	5.65	3.50
10	Dev. Of Fish freshness sensor	Dr.S Basu, IIT, Kharagpur	26.3.03/26.3.05	10.90	7.00
11	Establishment of test and calibration facility for sensors	Dr. ST Lakshmi Kumar, NPL, New Delhi	2.5.03/2.5.05	22.90	17.00
12	Design of MEMS based sensor for continuous monitoring of gases	Prof, H Saha, Jadavpur University, Kolkata	29.4.04/29.4.06	19.65	8.00
13	Design of tactile sensor	Prof. K Rajanna, IISc, Bangalore	19.4.04/19.4.06	10.46	4.98
14	Design and fabrication of layer by layer sequential	Dr. GB Talaptra, IACS, Kolkata	23.1.04/25.1.06	12.24	6.00
15	Design and Dev of	Dr. R Bhatnagar,	12.3.03/	27.06	15.00

.	PC based optical inspection system for PCB mounted with smds	CSIO, Chandigarh	12.3.06		
16	Dev. Of SO2 and CO electrochemical sensor in collaboration with M/s. United Phos Ltd, Vapi	Dr. K Vijay Mohan, NCL, Oune	16.9.03/ 16.9.05	17.75	12.00
17	Dev. Of multizone optical fiber based perturbation system	Dr. HK Sardana, CSIO, Chandigarh	23.10.3/ 23.2.05	21.60	9.00
18	Evaluation of ripening of climatic fruits and associated instrumentation	Dr. IS Dua, Punjab University, Chandigarh	12.11.3/ 12.11.5	15.24	10.0
19	Dev. Of zeolite modified electrode for environment monitoring	Dr. R Saraswathi, MKU, Madurai	23.10.3/ 23.10.5	4.91	3.60
20	Feasibility study to find out the suitability of urease in dev of urease biosensor	Dr. R K Gupta, GGSIP, Delhi	15.10.3/ 15.10.4	4.36	3.00
21	Microelectrophoretic procedures for separation and analysis of biomolecules	Dr. Deepak Kaul, PGI, Chandigarh	11.11.3/ 11.11.5	12.5	6.00
22	Amperimetric enzyme system for determination of oxalate biological material	Dr. CS Pundir, MD Univ. Rohtak	16.3.04/ 16.03.06	14.13	10.5
23	Dev. Of micro gravimetric kit for Hepatitis B	Dr. LM Bhardwaj, CSIO, Chandigarh	8.03.04/ 8.09.05	10.50	6.50
24	Construction of illuminating bacterial for detection of toxin pollutants in environment	Dr. R Tewari, Punjab University, Chandigarh	16.4.04/ 16.10.05	11.63	6.50
25	Design and development of	Dr. SS Randhawa CSIO, Chandigarh	11.10.4/ 11.10.06	13.10	7.50

	chlorophyll measurement system				
26	Design and dev. Of Pt. heater	Dr. YK Jain CEERI, Pilani	12.10.4/ 12.04.05	28.42	11.0
27	Design and Dev. of Biosensor	Dr. BD Malhotra, NPL, New Delhi	11.1.05/ 11.1.07	13.03	8.0
28	Design and Dev. of Soil Testing Kit	Dr. Seema Bhadauria RBS College, Agra	4.1.05/ 4.1.07	15.40	8.00