

## List of Equipment procured under Project (as on 31.12.2020)

### 1. Applied Mechanics Department

Sl. No.	Name of Project	Funding Agency	Project Investigator	Description of the equipment's sanctioned	Equipment Cost
1	Experimental and Computational Studies on Human Airways.	SERB, DST	Prof. Anuj Jain	Adult-Paediatric High-end Ventilator	7,03,000.00
2	Flow Control in Complex Ducts using Synthetic Jets.	SERB, DST	Dr. Akshoy Ranjan Paul	Piezo-actuator Facility	EURO 14,000
3	Flow Control in Complex Ducts using Synthetic Jets.	SERB, DST	Dr. Akshoy Ranjan Paul	Schillern System	3,13,750.00
4	Modeling, Simulation and Development of Smart Active Ankle Foot Orthotic Device of Gait Rehabilitation	DBT	Dr. R. P. Tewari	Desktop Computer	53,000.00
				Printer	7,000.00
5	The effect of micro level progressive matrix plasticity on the macro level response of unidirectional composites: Micromechanics based study	DST SERB	Dr. V. Murari	Finite Element Software	5,00,000.00
6	The effect of micro level progressive matrix plasticity on the macro level response of unidirectional composites: Micromechanics based study	DST SERB	Dr. V. Murari	Workstation	4,95,000.00
				<b>Total</b>	<b>20,71,750.00</b>

### 2. Biotechnology Department

1	Development of microbial fuel cell (MFC) based process for domestic wastewater treatment and power generation: Application in improving treatment sustainability	SERB,	Dr.Radha Rani	Multichannel electrochemical analyzer	1,50,000.00
2	Impact of Vetiveria zizanioides (L.), its root exudates and associated microbial communities on biogeochemistry of heavy metals and their application in development of remediation strategies for heavy metal contaminated sites	SERB, ECR/2017/001175	Dr.Radha Rani	Refrigerated centrifuge	3,61,935.00
3	Study to investigate the therapeutic efficacy of CD5 blocking in treatment of T cell lymphoblastic leukemia	Rajiv Gandhi Centre for Biotechnology, Thiruvananthapuram	Dr. Ambak Kumar Rai	Cell Culture Grade Inverted Microscope (Project AKR) Model: RTC-5 MAKE: RADICAL	1,39,772.00
4	Study to investigate the therapeutic efficacy of CD5 blocking in treatment of T cell lymphoblastic leukemia	Rajiv Gandhi Centre for Biotechnology, Thiruvananthapuram	Dr. Ambak Kumar Rai	Desktop Computer(AKR) Make: Lenovo Model:V520	29,800.00
5	Study to establish infection of L. donovani through intradermal route in hamsters and its pathological validation	DBT, New Delhi	Dr. Ambak Kumar Rai	Deep Freezer (-20) (PROJECT AKR) Model: BFS345S MAKE: Vestfrost (Free of Cost) (i) Mini Centrifuge (ii) Vortex (iii) Dry Broth	1,48,480.00
6	Study of arachidonic acid pathway in human visceral leishmaniasis: therapeutic efficacy of $\alpha$ -linoleic acid as a dietary supplement with sodium antimony	DBT, New Delhi	Dr. Ambak Kumar Rai	Centrifuge (Project AKR) Model: REMI -R-23 Make: REMI	80,745.00
7	Study of arachidonic acid pathway in human visceral leishmaniasis: therapeutic efficacy of $\alpha$ -linoleic acid as a dietary supplement with sodium antimony	DBT, New Delhi	Dr. Ambak Kumar Rai	Power Pack With Transfer Unit (Project AKR) Make: BR Biochem Model : DYCZ-40 D	93,975.00

8	Study of arachidonic acid pathway in human visceral leishmaniasis: therapeutic efficacy of $\alpha$ -linoleic acid as a dietary supplement with sodium antimony	DBT, New Delhi	Dr. Ambak Kumar Rai	Electro blotter With Power Pack With Power Supply (Project AKR) Make: BR Biochem Cat No.120059GB	1,02,354.00
9	Study of arachidonic acid pathway in human visceral leishmaniasis: therapeutic efficacy of $\alpha$ -linoleic acid as a dietary supplement with sodium antimony	DBT, New Delhi	Dr. Ambak Kumar Rai	Laminar Air Flow Hood (Project AKR) Model: MSW-162 MAKE: MAC	1,28,780.00
10	Study to establish infection of L. donovani through intradermal route in hamsters and its pathological validation	DBT, New Delhi	Dr. Ambak Kumar Rai	PCR Machine (PROJECT AKR) S. No. 2990236768 MAKE: Veriti 96well	3,33,940.00
11	Doman specific functional investigation of YB-1 (a cold shock domain protein) interactors as prospective therapeutic targets in adenocarcinoma of colon	SERB	Dr. Ashutosh Mani	Agarose Gel Electrophoresis =01 (Project AM) S. No. COQ241506151 Power Supply Constant Voltage=01 S. No.Y10F21508001	71,861.00
12	Screening and identification of natural inhibitors for $\beta$ -Secretase-1 as potential therapeutics against Alzheimer's disease	SERB	Dr. Ashutosh Mani	HP Z8 G4 Workstaion (Cpmputer Server) (Project AM)	21,93,972.00
13	Doman specific functional investigation of YB-1 (a cold shock domain protein) interactors as prospective therapeutic targets in adenocarcinoma of colon	SERB	Dr. Ashutosh Mani	Gradient Thermal Cycler PCR Machine (PROJECT AM) S. No. VERITI-96WELL MAKE: Applied bio Systems USA	2,92,110.00
14	Doman specific functional investigation of YB-1 (a cold shock domain protein) interactors as prospective therapeutic targets in adenocarcinoma of colon	SERB	Dr. Ashutosh Mani	Vertical Electrophoresis System (Project AM) Make: BR Biochem Model: 9027	24,953.00
15	Doman specific functional investigation of YB-1 (a cold shock domain protein) interactors as prospective therapeutic targets in adenocarcinoma of colon	SERB	Dr. Ashutosh Mani	CO <sub>2</sub> Incubator CCL-1 70B-8-UV	USD 6470.00
16	Identification of novel epigenetic biomarkers through next generation sequencing technologies towards developing a multiplex methylight assay for early diagnosis of epithelial ovarian cancer	ICMR	Dr. Manisha Sachan	Micro Volume Spectrophotometer (Project MS) MAKE: DeNovix Model: DS-11(3219)	5,95,350.00
17	Characterization of epigenetically deregulated genes in colorectal adenomas/carcinomas by using next generation sequencing technology for the development of novel biomarkers.	DBT	Dr. Sameer Srivastava	Autoclave Sterilization Pressure Cooker (Project SS2) SIZE: 25lit (Small) MAKE: NSW-229	14,900.00
18	Characterization of epigenetically deregulated genes in colorectal adenomas/carcinomas by using next generation sequencing technology for the development of novel biomarkers.	DBT	Dr. Sameer Srivastava	Computer System (SS2) Make: Acer Verition	37,998.00
19	Characterization of epigenetically deregulated genes in colorectal adenomas/carcinomas by using next generation sequencing technology for the development of novel biomarkers.	DBT	Dr. Sameer Srivastava	UPRIGHT DEEP FREEZER (Project SS2 ) Model: BFS150 Make: VESTFROS	37,098.00

20	Biosynthesis of isoprene, an industrially important hydrocarbon, using E. coli as model	DBT	Dr. Sameer Srivastava	Micro Centrifuge (Project SS2) Model: RM-03 Plus Make: REMI	44,500.00
21	Characterization of epigenetically deregulated genes in colorectal adenomas/carcinomas by using next generation sequencing technology for the development of novel biomarkers.	DBT	Dr. Sameer Srivastava	Heat Block (Project SS2) MAKE: HB- 221 S. No. 217099	12,600.00
22	Biosynthesis of isoprene, an industrially important hydrocarbon, using E. coli as model	DBT	Dr. Sameer Srivastava	Incubator Shaker Cooling (ProjectSS2) Model: Orbitek LE	2,45,700.00
23	Characterization of epigenetically deregulated genes in colorectal adenomas/carcinomas by using next generation sequencing technology for the development of novel biomarkers.	DBT	Dr. Sameer Srivastava	pH Meter (Project SS2) Cat no. 8034010 Make : EUTECH	14,921.00
24	Characterization of epigenetically deregulated genes in colorectal adenomas/carcinomas by using next generation sequencing technology for the development of novel biomarkers.	DBT	Dr. Sameer Srivastava	Mini Rotatory Shaker (Project SS2) S. No ZCGS20351 Make : REMI	14,910.00
25	Characterization of epigenetically deregulated genes in colorectal adenomas/carcinomas by using next generation sequencing technology for the development of novel biomarkers.	DBT	Dr. Sameer Srivastava	Refrigerator (Project SS2) Make: Videocon	14,840.00
26	Biosynthesis of isoprene, an industrially important hydrocarbon, using E. coli as model organism.	DBT	Dr. Sameer Srivastava	Refrigerator (LG) (PROJECT SS2)	40,500.00
27	Characterization of epigenetically deregulated genes in colorectal adenomas/carcinomas by using next generation sequencing technology for the development of novel biomarkers.	DBT	Dr. Sameer Srivastava	Gradient PCR Machine (PCR) (PROJECT SS2) S. No. PRIMA96 MAKE: HIMEDIA	2,15,250.00
28	Biosynthesis of isoprene, an industrially important hydrocarbon, using E. coli as model organism.	DBT	Dr. Sameer Srivastava	Real time PCR (Project SS2) Make: Thermo Fisher Scientific	10,90,110.00
29	Biosynthesis of isoprene, an industrially important hydrocarbon, using E. coli as model organism.	DBT	Dr. Sameer Srivastava	Probe Sonicator (Project SS2) Model: JY9211N Make: Helix Biosciences	1,85,000.00
30	Characterization of epigenetically deregulated genes in colorectal adenomas/carcinomas by using next generation sequencing technology for the development of novel biomarkers.	DBT	Dr. Sameer Srivastava	Electrophoresis Power Supply (Project SS2) S. No. LA690/343/VD3759	14,994.00
31	Characterization of epigenetically deregulated genes in colorectal adenomas/carcinomas by using next generation sequencing technology for the development of novel biomarkers.	DBT	Dr. Sameer Srivastava	Double Vertical Gel Elect. (Project SS2) Model: V22518-8	46,935.00
32	Process development for bioremediation of grease waste	DST,GOI	Dr. Sangeeta Negi	Cooling Centrifuge (Project SNB) S. No. ZBEU-13974 Make: REMI	97,755.00
33	Sorghum Stover based Bio-refinery for fuel and chemicals.	MNRE,GOI	Dr. Sangeeta Negi	Electronic Weighing Balance (PROJECT SNB) Model.-ATX224 MAKE: SHIMADZU	94,815.00
34	Sorghum Stover based Bio-refinery for fuel and chemicals.	MNRE,GOI	Dr. Sangeeta Negi	HPLC(Project SNB) S. No. Decahoo252 Make: Agilent Tech.	20,32,916.00

35	Development for enzymatic conversion of grease into long chain fatty acid	DBT, GOI	Dr. Sangeeta Negi	Ultrasonicator Equipment With 6mm Probe (PROJECT SNB) Model: SKL 500D Waits Make: NINGBO Haishu Sklon Ningbo	2,32,938.00
36	Screening, selection and validation of novel canine parvovirus specific aptamers	DBT	Dr. Seema Nara	Orbital Shaker Incubator (SN) Make: Ocean Life Science Corporation Model: OLSC-109	1,89,000.00
37	Rapid assay for simultaneous detection of toxins of Staphylococcus aureus and Clostridium botulinum in dairy products	DST-SERB	Dr. Seema Nara	SS Easy Printer Printing Devices (Project SN) Model : LPM -02	1,41,406.00
38	Screening, selection and validation of novel canine parvovirus specific aptamers	DBT	Dr. Seema Nara	Water Bath (Project SN) Make Labtech S. No. 190400895	1,36,500.00
39	Study of role of lactone signaling and alginate production on neutrophil interaction, apoptosis, and subsequent macrophage mediated phagocytosis against <i>Pseudomonas aeruginosa</i> biofilm associated infections	SERB-EMR	Dr. Vishnu Agarwal	CO <sub>2</sub> Incubator For Cell Culture (With Co2 Cylinder and Regulator) (Project VA) Make: ESCO Model: CLS-170-B-8	5,22,185.00
40	Study of role of lactone signaling and alginate production on neutrophil interaction, apoptosis, and subsequent macrophage mediated phagocytosis against <i>Pseudomonas aeruginosa</i> biofilm associated infections	SERB-EMR	Dr. Vishnu Agarwal	Inverted Fluorescent Microscope (Project VA) Make: Olympus Model: CKX53	12,95,961.00
41	Study of antibody and human morphonucleareutrophils (PMN) mediated phagocytosis of PNAG positive Staphylococcus epidermidis biofilms and estimation of Caspase-3-like Protease (CLP) production	DBT	Dr. Vishnu Agarwal	Nano Spectrophotometer (PROJECT VA) Model No. NANODROP 2000-234. MAKE: THERMO SCIENTIFIC	6,93,000.00
42	Study of antibody and human morphonuclear neutrophils (PMN) mediated phagocytosis of PNAG positive Staphylococcus epidermidis biofilms and estimation of Caspase-3-like Protease (CLP) production	DBT	Dr. Vishnu Agarwal	Vertical Protein Gel Assembly With Accessories (PROJECT VA) S.No.03/2015/F/280 MAKE: GENEI	94,500.00
43	Augmentation of fermentative biohydrogen production by using nanoparticles and immobilization techniques for mitigating biowastes	DST-Women Scientist Scheme A	Prof. Anjana Pandey	Laptop (Dell) (AP/Priya Rai)	68,997.90
44	Integrated bio-hydrogen production from renewable biomass and biological wastes using microbial strains	DBT, Gol	Prof. Anjana Pandey	Gel Documentation System (Project AP) Make: Bio Rad Model: 1708270	4,37,325.00
45	Integrated bio-hydrogen production from renewable biomass and biological wastes using microbial strains	DBT, Gol	Prof. Anjana Pandey	Gas Chromatograph Purification Panel & Cylinders (MNRE Project AP) S. No. CN15712007 Model.No.7820A Make: Agilent PC, PRINTER, TFT, ONLINE UPS, SYLINDER, GAS PURIFICATION PANAL	13,36,414.00
46	Integrated bio-hydrogen production from renewable biomass and biological wastes using microbial strains	DBT	Prof. Anjana Pandey	Magnetic Stirrer With Hot Plate (Project AP) S. No. L2151 MAKE: LABMAN	14,700.00
47	Integrated bio-hydrogen production from renewable biomass and biological wastes using microbial strains	DBT	Prof. Anjana Pandey	Orbital Shaker With Accessories (Project AP) Model : CIS -24BL MAKE: REMI	2,10,580.00

48	Integrated bio-hydrogen production from renewable biomass and biological wastes using microbial strains	DBT	Prof. Anjana Pandey	Refrigerator (Project AP) Make: SAMSUNG Model: 22M272YS8	18,400.00
49	Integrated bio-hydrogen production from renewable biomass and biological wastes using microbial strains	DBT	Prof. Anjana Pandey	Tissue Culture Rack (Project AP) Make : SSGW	14,700.00
50	Studies on Nanoparticles mediated toxicity, tolerance mechanism and their toxicity management in some susceptible and tolerant Rice varieties	CSIR Sponsored Research Project	Prof. Shivesh Sharma	BOD Incubator 420 liter. (Project SS1) Model. No. MKSI-109-D S. No. 10181	99,799.00
51	Studies on Nanoparticles mediated toxicity, tolerance mechanism and their toxicity management in some susceptible and tolerant Rice varieties	CSIR Sponsored Research Project	Prof. Shivesh Sharma	Plant Growth Chamber (Project SS) MAKE: Ocean Life Science Model: OLSC-119E-8	4,46,250.00
				<b>Total</b>	<b>1,49,56,424.90</b>
<b>3. Chemical Engineering Department</b>					
1	"Reactive extraction of nicotinic- and isonicotinic acids from aqueous solution"	SERB	Dr. Sushil Kumar	Desktop Computer	53,500.00
				HP LaserJet Printer	8,500.00
				Magnetic Stirrer with Hot Plate	68,355.00
				pH Meter	26,932.00
				Shaking Water Bath	99,225.00
2	"Design of food products for diabetic and hyperuricemia patients using enzymatic and chemical modification"	DIC	Dr. Harinder Singh	IBF 25 L Convection Microwave Oven	15,347.00
3	" Effect of dual modifications on starch isolated from various cultivars of sorghum for the production of specialty and resistant starches and evaluation of genotype diversity in cultivars using flour as model"	MOFPI	Dr. Harinder Singh	pH Meter	20,700.00
				Vacuum Pump Oil free	13,499.00
				Peristaltic Pump	15,458.00
				Texture Analyzer	14,00,000.00
4	In situ biodiesel production from microalgae using ultrasonic assisted reactor (ecr/2016/001866)	SERB	Dr. Dipesh S. Patle	Dakshin Ultrasonic Processor (DP - 500)	3,54,000.00
				Prestro digital balance (SP202)	36,846.00
				<b>Total</b>	<b>20,97,015.00</b>
<b>4. Civil Engineering Department</b>					
1	Identification of Groundwater Prospect and Recharge Zones in Districts Banda of Budelkhand Region of Uttar Pradesh	NRDMS-DST, New Delhi	Dr. H.K. Pandey	Resistivity meter AQUA II Plus TERRSET 18	223360.00
				Software HP Prodesk Computer Inkjet Printer	
				TERRSET 18 Software	171690.00
				HP Prodesk Computer	73920.00
				Inkjet Printer	15490.00
2	"Capacity Building in Dam Safety under Dam Rehabilitation and Improvement Project"	DRIP	Prof. R.P. Tiwari	3.0 KVA on line UPS	28,495.00
				HP AIO Desktop Model HPTS27-Q202in	1,40,000.00
				HP Laser Printer Model: M227dw Print Scan Copy, duplex wireless	31,350.00
				Portable Core Drilling Machine Stand	1,08,150.00
				Tele Magnification Optical Level and Portable Core Cutting Machine (GDB 180WE)	1,18,125.00
				YSI Pro DSS Handheld with GPS	8,26,000.00
				Trimble Total Station S5 1" Autolock Dr Plus	8,37,375.00
				MIKE Hydro River Soft ware	13,54,500.00
				MIKE HYDRO Basin-Single User Two-day hands-on training at MNNIT Campus	4,77,178.00
				<b>Total</b>	<b>44,05,633.00</b>
<b>5. Computer Science Engineering Department</b>					
				LED Minibeam Projector	4,700.00

1	Kumbh Mela Project	Uttar Pradesh Government	Dr. Mayank Pandey	Anylogic University Researcher Node Locked USB Key), Perpetual License for Window/GTK Linux/Mac OS including all Libraries and OPTQUEST	3,25,174.00
				Computer Server PowerEdge	1,52,793.41
2	Intelligent detection and mitigation of DDoS attack in SDN	DST/ICPS/CPS-Individual,	Dr. Shashank Srivastava	Desktop Computer	1,44,982.80
3	Information Security Education & Awareness (ISEA) Project Phase-II	DietY/MEITY, New Delhi	Dr. R.S. Yadav	0.5/84 (KVA/VAH (Interactive UPS)	4,490.00
				Power Edge R 630 Server	8,39,517.00
				Desktop PC	10,05,921.00
				Apple Brand Ultra Light Notebook	1,86,197.00
				Mellanox Connect	4,99,065.00
				15 KVA ON-LINE UPS	2,10,602.00
				1U 17" Rack Mountable LCD Console	1,00,800.00
				<b>Total</b>	<b>34,74,242.21</b>
<b>6. Electrical Engineering Department</b>					
1	Solar Photovoltaic Array Power Conversion Using Embedded Cascaded Multilevel Inverter	SERB Research Procect	Prof. Rajesh Gupta	Solar Photo Voltaic Module	3,40,000.00
2	Embedded disturbance detection and classification for the distributed generation source connected to grid	DST-SERB 2015	Dr. S.R. Mohanty	Solar Panel with Accessories	18,77,900.00
3	Hybrid DC Micro Grid System for Future Residential-Rural Electrification	MNRE Hybrid DC Microgrid System	Prof. Rajesh Gupta	Solar Panel	57,720.00
4	Hybrid DC Micro Grid System for Future Residential-Rural Electrification	MNRE Hybrid DC Microgrid System	Prof. Rajesh Gupta	Wind Turbine Emulator	6,45,400.00
				<b>Total</b>	<b>29,21,020.00</b>
<b>7. Electronics &amp; Communication Engineering Department</b>					
1	Special Manpower Development Program- Chip to System Design (SMDP-C2SD)	MeitY, Government of India	Prof. Vijaya Bhadauria	HP Z440 work Station (Quantity is 5)	6,62,813.00
				Basys 3 Boards (Quantity is 10)	1,68,405.00
				PMOD keypad (Quantity is 10)	
				PMOD CLP (Quantity is 10)	
				Analog Discover kit (Quantity is 3)	
				Xybo Boards (Quantity is 5)	1,47,771.00
			Nexys 4 DDR (Quantity is 5)		
			16 GB ECC memory Modules (8 Nos.)	2,02,020.00	
			Mentor Graphics EDA Tools: (i) IC Nanometer Design bundle -100 licenses (ii) Design verification and test bundle – 100 license (iii) Board/PCB bundle – 100 licenses	7,54,067.00	
			Cadence EDA Tools: (i) Core system development suite (SDS) bundle for digital and analog – 20 licenses (ii) Add-on solution for SDS bundle – 10 licenses (iii) Silicon package board bundle (SPB) bundle – 10 license	\$14,262.30	
			Synopsys EDA Tools: (i) Asia Pac Front End University Bundle - 5 licenses (ii) Asia Pac Back End University Bundle - 5 licenses (iii) Asia Pac 2D TCAD Univ. Bundle - 5 licenses (IV) Asia Pac Full Custom University Bundle - 3 licenses	14,28,688.22	
			Xilinx VIVADO – 25 licenses	1,09,444.00	
Xilinx SDSoc - 25 licenses	39,931.00				
				<b>Total</b>	<b>35,13,139.22</b>
<b>8. GIS Cell</b>					
1	Land Slide inventory preparat using multi-temporal SAR Interferometry	NRDMS, DST	Dr. Ramji Dwivedi	Laptop (HP) Pavilion Series)	70,550.00
				HP Laser Jet Multifunctional Printer	23,400.00

	(InSAR)			Workstation	1,56,000.00
2	Multi-Temporal Interferometric SAR (MT- InSAR) studies for near real-time landslide monitoring	RESPOND	Dr. Ramji Dwivedi	Workstation	2,49,900.00
				<b>Total</b>	<b>4,99,850.00</b>
<b>9. Mathematics Department</b>					
1	Early career Research Award (2018-21) Mathematical Simulation of Nanoparticles as Drug carrier on Blood Flow through a stent Artery	SERB	Dr. B. Vasu	High END Workstation	49,35,500.00
2	Hydrodynamics modelling of complex Porous membranes and their applications in Engineering Science	SERB	Dr. Pramod Kumar Yadav	Laptop Dell	89,991.00
				Laser Printer Make: HP	32,920.00
				Mathematica II.x on windows Node Lock License	85,080.00
3	Numerical studies of effects on human-heart due to growing blockage in coronary artery	DBT	Prof. Manoj Kumar	Apple Macbook Pro core i5-56th	1,27,990.00
4	Numerical Simulation of Elliptic interface problems Arising in Steady State Heat Conduction in Composite Systems	CSIR		HP LaserJet Printer	35,545.00
				<b>Total</b>	<b>53,07,026.00</b>
<b>10. Mechanical Engineering Department</b>					
1	Cylindrical Electrolytic Magnetic Abrasive Machining (C-EMAM) Development, Modeling and Optimization	Council of Scientific and Industrial Research New Delhi	Prof. Vinod Yadava	Portable Gaussmeter	1,20,000.00
2	T-32	Department of Science of Technology (DST)	Dr. J. C. Mohanta	Go Pro Hero 7 Camera	28,790.00
				Pixhawk controller	48,580.00
				Dell Precision 3630 Tower	1,22,760.00
				Laptop Core I (Internal 8550H) 8th gen	90,300.00
3	Green Composite Prepared by Waste Sugarcane Bagasse and Poly Lactic Acid (PLA) for Packaging Application	Council of Science and Technology, UP, Lucknow (CST, UP)	Dr. M. K. Gupta	Sujata Dynamix Mixer- Gender 900W	5,000.00
				Brother DCP-L2520D Mono Laser Multi Function Centre	1,13,12,005.00
				Laptop Notebook (Asus X-44137020 4GB 1TB WIN10 Pro 14)	24,500.00
				Magnetic Stirrer with Hot Plate	11,800.00
4	Life Prediction of turbine blades under coated and uncoated conditions	ARDB Project	Prof. K. N. Pandey	Simulia Software	9,78,679.00
5	Development and performance study of Milling Electro-chemical Spark Micromachining Process	Council of Science and Technology, Lucknow, UP	Dr. Audesh Narayan	Microprocessor Conductivity Meter/TDS/Salinity/ Temperature Meter	15,800.00
				CRO 20 Analogue MHz Oscilloscope (HTC & HTC OS5020)	18,800.00
				Small digital multimeter	227.00
				Vernier Calliper Digital 6	1,700.00
				Taparia 12-inch spirit level with Magnet SLM 1012	469.00
				Electronic 10 kg Digital Weighing Scale (1 Pcs)	435.00
				Hand Tools W073100/Bosh HSN: 82051000	1,999.00
				HP Laser Jet Pro 1020 Plus with 1 Year warranty	10,899.00
				<b>Total</b>	<b>1,27,92,743.00</b>
<b>11. Physics Department</b>					
1	Development of ferrite semiconductor composite hollow nanospheres based sensors for enhanced bio and gas sensing performances	CSIR	Dr. Naresh Kumar	Magnetic Stirrer	11,130.00
				Ultrasonic Bath	16,225.00
				Autoclave	17,157.00
				Centrifuge	21,122.00
				Muffle Furnace	24,780.00
				<b>Total</b>	<b>90,414.00</b>
<b>12. School of Management Studies</b>					

1	NMEICT T10KT	IIT Bombay (MHRD)	Prof. G P Sahu	Audio Mixer	14,500.00
				Audio System	29,750.00
				Cordless Mic System	33,900.00
				Computer (PC)	44,500.00
				UPS	14,900.00
2	NMEICT	Earned through GIAN (IIT Kharagpur MHRD)		Laptop	1,59,999.00
				Projector LCD (HD)	59,500.00
3	NMEICT T10KT	IIT Bombay (MHRD)		Screen	7,000.00
				LED TV	48,590.00
				Video Camera	19,950.00
				Tripod	1,990.00
				Capture Camera	11,980.00
4	ARPIT (NRC on Bio Medical Engineering)	AICTE, MHRD		Panasonic AGUX189 Cam	2,32,552.80
<b>Total</b>				<b>6,79,111.80</b>	