

D.C. Meeting 12.11.2018

Members Present

1. Prof. A. W. Paul A. W. Paul 12.11.18
2. Prof. R. W. Maiti ~~R. W. Maiti~~ 12/11/2018
3. Dr. P. Acharya ~~P. Acharya~~ 12/11/2018
4. Mr. K. Ghosh ~~K. Ghosh~~ 12/11/2018
5. Dr. N. Das Chatterjee N. Das Chatterjee 12/11/18

Agenda:

List of Instruments, Computers, Software and their specifications to be purchased under DST-FIST (2017) [SR/FST/ES-1/2017/7]

Resolution:

The specifications for the selected items are finalised in the D.C. meeting for purchase from DST-FIST Grant 2017

[SR/FST/ES-1/2017/7]

- Lists of items for purchasing under DST-FIST grant (SR/FST/ES-1/2017/7) to Department of Geography and Environment Management, Vidyasagar University.

Instruments	Basic Specifications
1. Acoustic Doppler Current Profiler	1. River Surveyor M9. (Xylem Brand) Portable nine-beam 3.0 MHz Acoustic Doppler Current Profiler/discharge measurement intended for use from moving boat and other floating platform. 2. 10-m power & RS 232 serial communication cable. 3. 2.4 GHz Telemetry / External power / DGPS module for remote data collection, 4. Hydro board 2 5. Hydro board 2 soft carrying case
2. Infiltrometer	1. Single Ring Infiltrometer with Rapid Moisture Meter.
3. Clinometer (10 Units)	Compass Model MC2
4. Water Analyser	1. Handheld Water Analyser with no GPS along with DSS-20 Meter 4 port cable. 2. ODO optical dissolve oxygen sensor, Conductivity - Temperature, Nitrate, Chloride sensor, conductivity calibrator (1000 umhos/cm, 10000 umhos/cm, and 10000 umhos/cm, Ammonium Cal Solution 10mg/L (500 ml) and Nitrate standard 10mg/L (500 ml)
5. Spectro Radiometer	1. Hand held spectroradiometer (325-1075nm) with accessories (3.62" round white spectralon panel, four AA rechargeable battery with charger, AC/DC Power supply, USB Cable, USB Memory stick, D Handle, Pelican TM Carrying Case) 2. 325-1075nm Spectral range; <3.0nm@700nm spectral resolution, 8.5ms min Integration time, wavelength accuracy ±1nm; 2000spectrum files memory storage, 25° Field of View. 3. Radiance calculation fibre optics. 4. Windows compatible software for data acquisition and processing.

Networking and Computational Facility	Computer		Quantity
	HP Desktopm 270 p033in	I3 7100(7 th Gen), 4 GB RAM, 1TB HDD	Quantity - 9
	HP Desktopm 510 p052in	I7 7700(7 th Gen), 8GB RAM, 2TB HDD	Quantity - 1
	HP Laptop 15 BS146tu	I5(8 th Gen), 4 GB DDR4RAM, 1TB HDD	Quantity - 1