

Lab development and New equipment procured

2016-17

Total amount for the purchase of new equipments in 2016-17 is Rs. 89.00 Lakhs.

S. No.	Name of the equipment	Name of the laboratory	Date of Purchase (dd/mm/yyyy)	Amount (Rs in Lacs)
1.	STR18 FRAME Deflections & reactions	Structural Mechanics Lab	November 2016	1.87
2.	Double acting Hydraulic Jack	Structures Lab	May 2016	1.50
3.	Data Acquisition system	Structures Lab	June 2016	11.0
4.	25 Dell All-in-One Computers with 1 TB HDD & 8 GB RAM	CAD Lab	June 2016	12.50
5	Dynamic Shear Rheometer (Anton Paar DSR)	Transportation Engineering Lab	October 2016	17.48
6	Automation of tri-axial testing machine	Geotechnical Engineering Lab	November 2016	1.28
7	Automation of consolidation testing machine	Geotechnical Engineering Lab	November 2016	1.42
8.	Data Acquisition System for Direct Shear Setup	Geotechnical Engineering Lab	November 2016	1.28
9	Self compacting double assembly	Geotechnical Engineering Lab	November 2016	0.62
10	Universal vibration test app.(STR1)	Structural Mechanics Lab	November 2016	3.73
11	Digital force display(STR1A)	Structural Mechanics Lab	November 2016	1.78
12	STR2000 DAS	Structural Mechanics Lab	November 2016	0.90
13	STR4 Deflection of Beams	Structural Mechanics Lab	November 2016	1.15
14	STR8-Pinned join frame	Structural Mechanics Lab	November 2016	4.69

S. No.	Name of the equipment	Name of the laboratory	Date of Purchase (dd/mm/yyyy)	Amount (Rs in Lacs)
15	STR8A-Additional load cell	Structural Mechanics Lab	November 2016	0.58
16	STR12-struts frame	Structural Mechanics Lab	November 2016	1.36
17	STR14-curved bars & devits	Structural Mechanics Lab	November 2016	0.98
18	TM 16 Universal vibration app.	Structural Mechanics Lab	November 2016	23.73
19	ST1 STROBOSCOPE	Structural Mechanics Lab	November 2016	1.16

2017-18:

Total amount for the purchase of new equipments in 2017-18 is Rs. 91.86 Lakhs.

S. No.	Name of the equipment	Make	Name of the laboratory	Date of Purchase (dd/mm/yyyy)	Amount (Rs in Lacs)
1	Infra-Red Camera (DST Project)	FLIR	Structural Health Monitoring Lab	24/10/2017	13.57
2	High-speed camera (DST Project)	Sony DSC-RX 100 MS	Structural Health Monitoring Lab	22/09/2017	0.68
3	Bentley Academic Select Package (consists of STAAD Pro CONNECT Edition, Water Gems, Sewer Gems and MX Road)	Bentley Systems India Pvt. Ltd.	CAD Lab	07/09/ 2017	9.00
4	Bernoulli's Experiment (02)	Arm Field Bridge House, England.	Water Resource Engineering Lab	11/12/2017	3.46
5	Basic Fluid Friction (02)	Arm Field Bridge House, England.	Water Resource Engineering Lab	11/12/2017	19.31
6	Impact of Jet (02)	Arm Field Bridge House, England.	Water Resource Engineering Lab	11/12/2017	3.63
7	Observe Reynold's (02)	Arm Field Bridge House, England.	Water Resource Engineering Lab	11/12/2017	4.65

S. No.	Name of the equipment	Make	Name of the laboratory	Date of Purchase (dd/mm/yyyy)	Amount (Rs in Lacs)
8	Basic Hydraulic Benches (08)	Arm Field Bridge House, England.	Water Resource Engineering Lab	11/12/2017	24.06
9	Orifice Plate Apparatus (01)	Aimil Ltd.	Water Resource Engineering Lab	21/12/2017	0.62
10	Light weight Deflectometer (LWD)	Dynatest LWD, Aimil Ltd.	Transportation Engineering	30/01/2017	12.88

2018-19:

Total amount for the purchase of new equipments in 2018-19 is Rs. 82.80 Lakhs.

- Structure Lab has purchased a LCR meter (Project) in February 2019 at a cost of Rs 4.5 Lakhs.
- A state of the art Rainfall Simulator (Project) has been purchased in Nov 2018 in Water Resource Engineering Lab at a cost of Rs 5.3 Lakhs.
- Order has been placed to Walter+Bai, Switzerland for the purchase of actuator in structural engineering lab from DST project for Rs. 73.00 Lakhs.