

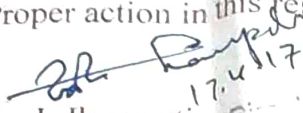
SILIGURI INSTITUTE OF TECHNOLOGY

NOTICE

Date: 17/04/2017

In view of the Odd semester 2017 all are requested to submit their departmental requisition to the undersigned for placing it to the purchase committee for approval within 3rd May, 2017 .

Proper action in this regard is solicited.

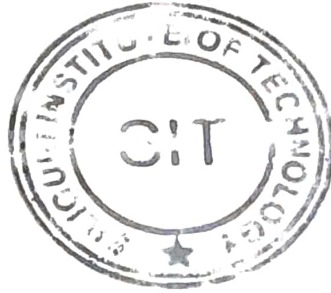

Dr. J. Jhampati

17.4.17

Director Siliguri Institute of Technology

Siliguri Institute of Technology

Cc: To All HODs, Administrator



SILIGURI INSTITUTE OF TECHNOLOGY

H.C.ROAD, PO.SUKNA, SILIGURI, PIN: 734009(W.B.)
DIST. DARJEELING

Sl No SIT/OTHERS/12

Date: 10.04.2017

WORK ORDER

To
R.S.TECHNOLOGY,
NETAJINAGAR, (2 NO. MAHADANGA)
CHANDANNAGAR, HOOGHLY- 712136.

Area/Work:-

Please supply the following items immediately.

Sl. No	Features	Mode	Qty.	Unit Price	Total Price
01.	16CH Video, 1CH Audio, 16CH Alarm-in, 16CH Relay-Recording Capacity: CIF Real-time, 16CH playback synchronously; HDMI, VGA, SPOT output; support 1 HDD up to 4TB or 1HDD 1.5U Casing 720P/1080P	Model: XVR4116HS	1	12,825/-	12,825/-
02.	2 TB Seagate SATA surveillance Hard Drive	SV 3.5	1	5,800/-	5,800/-
03.	Output VAT 14.5% SN.1				1,860/-
	Output VAT 5% SN.2				290/-
04.	DVR Insallation, Remote viewing through broadband connection & all others charges				2,000/-

TOTAL - Rs. 22,775/-

Terms & Conditions:

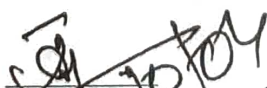
- Rate: The above rate is inclusive of all taxes and charges.
- Delivery/Work Address: Siliguri Institute of Technology, Sukna
- Billing Address: Siliguri Institute of Technology, Sukna.
- Payment Terms: Payment will be made within 30-45 days after submission of proper bill.
- ATO: Company will have the right to amend/cancel the order at any time before the delivery/completion of the supply/work.

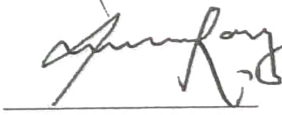
Documents Required for Bill:

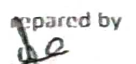
1. Original bill with two photocopies.
2. Photocopy of Supply order.
3. Your Vat No. & PAN must be shown in the bill.
4. Your A/c No., Bank name, Branch & IFSC code.

- All payment will be made subject to all statutory deductions as per Govt. norms.
- All disputes will be subject to Kolkata jurisdiction.
- Kindly acknowledge receipt and acceptance of this order.

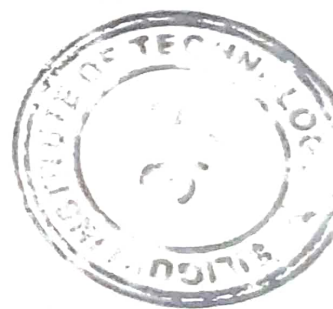

Director


Administrator


Officer, Estate & Facility

Prepared by

Swajit Saha

Received
Rajen Sarker.
12/04/2017



SILIGURI INSTITUTE OF TECHNOLOGY
H.C. ROAD, PO. SUKNA, SILIGURI, PIN: 734009 (W.B.)
DIST. DARJEELING

Sl. No. SIT/OTHERS/26

Date 21.04.17

WORK ORDER

To
MANJU ENTERPRISE,
ISKCON ROAD,
SILIGURI.

Sir,

Please supply the following items immediately.

Sl. No	PARTICULARS	Purpose	Qty.	Rate
01	CEMENT	MAINTENANCE WORK OF SIT	60 BAGS	Rs.371.18

Val Extra 14.5%

Terms & Conditions:

- **Rate** The above rate is exclusive of all.
- **Delivery/Work Address:** Siliguri Institute of Technology, Sukna.
- **Billing Address** Siliguri Institute of Technology, Sukna
- **Payment Terms** Payment will be made within 15 days after completion of the work.
- **ATO** Company will have the right to amend/cancel the order at any time before the delivery/completion of the supply/work.

Documents Required for Bill:

1 Original bill with two photocopies.

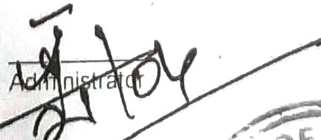
2 Photocopy of Supply order.

3 Your Val No & PAN must be shown in the bill.

4 Your A/c No, Bank name, Branch & IFSC code

- All payment will be made subject to all statutory deductions as per Govt. norms.
- All disputes will be subject to Kolkata jurisdiction.
- Kindly acknowledge receipt and acceptance of this order.


Director


Administrator


Officer, Estate & Facility

Prepared by

Biswajit Saha



SILIGURI INSTITUTE OF TECHNOLOGY

H.C.ROAD, PO.SUKNA, SILIGURI, PIN: 734009(W.B.)
DIST. DARJEELING

Sl. No. SIT/OTHERS/133C

Date: 29.09.16

WORK ORDER

To
ELECTROMECH,
SEVOKE ROAD, SILIGURI.

Area/Work:-

Please supply the following items as mentioned.

Sl. No.	Particulars	Purpose	Qty.	Rate	Amount
1	16 SS COMBINE W/BOX	CIVIL WORKSHOP	20 PC	111.00	2220.00
2	3/4 (25MM) CABLE SOCKET		3 PKT	210.00	630.00
3	19MM CABLE SOCKET		3 PKT	170.00	510.00
4	1" GI SANDAL		3 PKT	140.00	420.00
5	3/4" GI SANDAL		3 PKT	110.00	330.00
6	CHINESE NAIL		1 KG	135.00	135.00
7	1 1/2" CASING FITTING INTERNAL, EXTERNAL TEE ELBOW		200 PC	4.50	900.00
8	CASING PIPE		50 PKT	25.00	1250.00
9	1 1/2" DOUBLE LOCK CASING		50 PC	64.00	3200.00

VAT AS APPLICABLE.

Conditions:

Rate: The above rate is exclusive of all taxes & charges.

Delivery/Work Address: Siliguri Institute of Technology, Sukna.

Billing Address: Siliguri Institute of Technology, Sukna.

Payment Terms: Payment will be made within 30-45 days after completion/delivery.

ATO: Company will have the right to amend/cancel the order at any time before the delivery/completion of the supply/work.

Documents Required for Bill:

1. Original bill with two photocopies.
2. Photocopy of Supply order.
3. Your Vat No. & PAN must be shown in the bill.
4. Your A/c No., Bank name, Branch & IFSC code.

All payment will be made subject to all statutory deductions as per Govt. norms.

All disputes will be subject to Kolkata jurisdiction.

Kindly acknowledge receipt and acceptance of this order.


Director


Administrator


Officer, Estate & Facility

Prepared by

Biswajit Saha



SILIGURI INSTITUTE OF TECHNOLOGY

H.C.ROAD, PO.SUKNA, SILIGURI, PIN: 734009(W.B.)
DIST. DARJEELING

Sl. No. SIT/OTHERS/ 37A

Date: 20.06.2016

WORK ORDER

To
SIMON PEST CONTROL,
LAKE TOWN, SREEMA SARANI,
SILIGURI-734007.

Area/Work:-

Please do the following works as mentioned.

Sl. No.	Particulars	Purpose	Qty.	Amount
01.	CHARGES FOR ANTI TERMITE FOR SOIL TREATMENT	EXTENSION OF WORKSHOP	3500 SFT. (APPROX)	Rs.6/- per SFT.

Conditions:

Rate: The above rate is inclusive of all taxes & charges including Transportation costs.

Delivery/Work Address: Siliguri Institute of Technology, Sukna.

Billing Address: Siliguri Institute of Technology, Sukna.

Payment Terms: Payment will be made within 30-45 days after completion/delivery.

ATO: Company will have the right to amend/cancel the order at any time before the delivery/completion of the supply/work.

Documents Required for Bill:

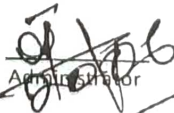
- 1.Original bill with two photocopies.
- 2.Photocopy of Supply order.
- 3.Your Vat No. & PAN must be shown in the bill.
- 4.Your A/c No.,Bank name, Branch & IFSC code.

All payment will be made subject to all statutory deductions as per Govt. norms.

All disputes will be subject to Kolkata jurisdiction.

Kindly acknowledge receipt and acceptance of this order.

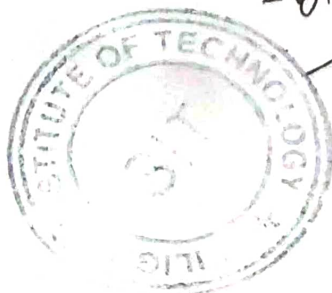

Director


Administrator


Officer, Estate & Facility

Prepared by

Biswajit Saha



Received.
for
15/7/16

Name of the Department	Name of the Laboratory	Name of the experiment as per THE MAKAUT/WBUT Curriculum	Name of the Equipment/ Items required as per the Experiment	Name & No. of the existing Equipment to meet up the requirement (if any)	Name of the new Equipment to meet up the requirement with specifications	Remarks/ Justification
CSE.	Project Lab	Project (CS794, IT795), Image Processing Lab (CS793D)	MATLAB	Licensed Software not available	MATLAB 2014 A or above (Network Licence Academic Version for 30 Users)	Present/Future Projects carried out using MATLAB cannot be produced before any Accreditation Body due to unavailability of Licensed Software.
	Project Lab	Multimedia Lab (IT792)	Adobe Photoshop .Adobe Flash .Adobe Dreamweaver, Sound forge	Licensed Software not available	Adobe Photoshop CS6, Adobe Flash CS6, Adobe Dreamweaver CS6, Sound forge Pro 11	For 30 Users
	Server Room	N/A	Intel Xeon 1.8 Ghz Processor, 500 GB HDD, 8 GB RAM	Mentioned in Remarks/ Justification section	Intel Xeon 1.8 Ghz Processor, 500 GB HDD, 8 GB RAM	One out of 4 servers is yet to be replaced by an IBM Server
	OS & NW Lab	Computer Network Lab (CS692, IT692, EE792A)	RJ45 Cable Tester (D Link)	RJ45 Cable Tester (D Link), 01 set	RJ45 Cable Tester (D Link)	02 set required
	for Proposed New Project Lab		30 PC	N/A	30 PC, Configuration: Core i3 or above, 500GB HDD, 4 GB RAM.	For setting up of lab as mentioned in Annexure_CSE_IT
	Common to all Labs/ Academic purpose	N/A	Laser Printer (Make:hp)		HP Laserjet	Urgently required 1 Printer as out of 4 printers of the Department, one printer is performing erratically. Efforts to repair the printer has been conducted earlier.

Alok Basu
CSE Dept., SIT

26/11/18

nexure_CSE

SILIGURI INSTITUTE OF TECHNOLOGY

COMPUTER SCIENCE & ENGINEERING AND INFORMATION TECHNOLOGY DEPARTMENT

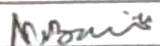
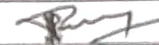
Requirement of New Lab with Lab Space

Sl.	LAB NAME	SPACE REQUIRED	Dept.	Remarks
1	New Project Lab Kindly Note: Existing Project Lab (TCS i-ON Lab) is being fully utilized for conducting regular lab classes on weekdays.	550 SFT	CSE	Hence new Project Lab need to be setup urgently to utilize exclusively for carrying out final year and other projects of CSE & IT Departments.



SILIGURI INSTITUTE OF TECHNOLOGY

ATTENDANCE SHEET

Sl.No.	Name	Signature
1.	Dr. J. Jhampati	
2.	Mr. J. Guha	—
3.	Mr. N. Banik	
4.	Dr. Arindam Ray	
5.	Mr. D. Basu	
6.	Mr. P. Roy	
7.	Mr. S. Sarkar	
8.	Mr. K. Dutta	



SILIGURI INSTITUTE OF TECHNOLOGY

NOTICE

Date: 17/10/2016

In view of the Even semester 2017 all are requested to submit their departmental requisition to the undersigned for placing it to the purchase committee for approval within 10 Days.

Proper action in this regard is solicited.


Dr. J. Jhampati

Director

Siliguri Institute of Technology

Director
Siliguri Institute of Technology

Cc: To All HODs, Administrator



Format for Procurement of Laboratory Equipment (For New Purchase)

Name of the College : Siliguri Institute Of Technology

**Name of the Department:
Electrical Engineering**

Name of the Lab with Code no.: Network and circuit theory (EE 391)

Sl.No	Name of the Experiment or Equipment required for Experiment	Technical Specification	Qty.	Recommended Suppliers/Make (if any)	Rate in Rs	Present Status of Experiments / Equipment	Requisition	Order Placed on	Delivery of Material	Inspection Testing/Installation on	Despatch date of Bill with Challan and date of entry to the Stock Book and to the Accounts
1.	Active low pass filter.	-	01	-	-	-	-	-	-	-	-
2	Active high pass filter.	-	01	-	-	-	-	-	-	-	-
3.	PSCAD(30 USERS)	-	01	-	-	-	-	-	-	-	-



Prepared by : Mrs. S. Dey

(Signature)

Format for Procurement of Laboratory Equipment (For New Purchase)

Name of the College : Silliguri Institute Of Technology

Name of the Department: Electrical Engineering

Name of the Lab with Code no.: CONTROL SYSTEM LABORATORY (EE -593)

Sl No	Name of the Experiment or Equipment required for Experiment	Technical Specification	Qty.	Recommended Suppliers/Make (if any)	Rate in Rs	Present Status of Experiment s// Equipment	Requisition Order Placed on	Delivery of Material	Inspection Testing	Despatch date of Bill with Challan and date of entry to the Stock Book and to the Accounts
1	1	MATLAB -13	01			MATLAB 6.5 FREE VERSION				

Prepared by the Faculty:
SHRABANI PAL

Signature of H.O.D., Date with
comments



Format for Procurement of Laboratory Equipment (For New Purchase)

Name of the College : Siliguri Institute Of Technology

Name of the Department:
Electrical Engineering

Name of the Lab with Code no.: Basic Electrical Lab (ES 191)

Sl No	Name of the Experiment or Equipment required for Experiment	Technical Specification	Qty	Recommended Suppliers/Make (if any)	Rate in Rs	Present Status of Experiments / Equipment	Requestion	Order Placed on	Delivery of Material	Inspection by	Disposal date of Bill with Challan and date of entry to the Stock Book and to the Accounts
1.	1.CHARACTERISTIC S OF FLUORESCENT LAMPS	PANEL COMPRISING WITH ONE FLOURESCENT LAMP WITH CHOKE AND STARTER , ONE VARIAC , TWO AMMETER , THREE VOLTMMETER , ONE WATTMETER	01								
2	4. VERIFICATION OF MAXIMUM POWER THEOREM	THEOREM KIT	01								

Prepared by: ANANTA BISWAS

Priyadarshi Chakraborty (Asst Professor)

(TECHNICAL ASSISTANT)



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Format for Procurement of Laboratory Equipment (For New Purchase)

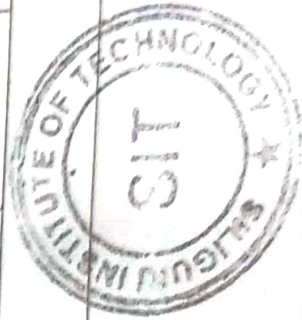
Name of the College : Siliguri Institute Of Technology

Name of the Department:
Electrical Engineering

Name of the Lab with Code no.: ELECTRICAL DRIVES LABORATORY
(EE - 791)

S.No.	Name of the Equipment	Qty	Recommended Suppliers/Make (if any)	Rate in Rs	Present Status of Experiments/Equipment	Order Placement	Remarks
1.	PC/PLC based AC/DC motor control operation.	1	DIAMOND ELECTROTECH	310000	Not Available		
2	DC Power supply	1	GW-INSTEK (M/s Arihant Trading Company)	24000.00	Not available		

Prepared by: Mousumi Basu Das, Asst.Prof., EE Dept., SIT



(Signature)

Requisition No. : EE/2016/12/05-09

Dated : 10.05.2016

Format for Procurement of Laboratory Equipment (For New Purchase)
Name of the College : Siliguri Institute Of Technology
Name of the Department:
Electrical Engineering

Name of the Lab with Code no.: Power System Lab (EE592)

Sl No	Name of the Experiment or Equipment required for Experiment	Technical Specification	Qty.	Recommended Suppliers/Make (if any)	Rate in Rs	Present Status of Experiments / Equipment	Requisition Order Placed on	Delivery of Material	Inspection Testing/ Installation	Despatch date of Bill with Challan and date of entry to the Stock Book and to the Accounts
1.	Dielectric Constant, tan delta, resistivity test of transformer oil.		01							



Prepared by: Prepared by : Pralay Roy
 Asst. Prof. of EE Dept. &
 PS Lab in charge
 Siliguri Institute of Technology

Annexure-II

Requisition No. : EE/2016/12/05-09

Dated : 10.05.2016

Format for Procurement of Laboratory Equipment (For New Purchase)

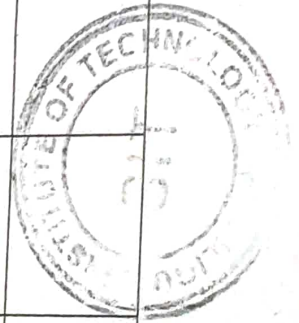
Name of the College : Siliguri Institute Of Technology

Name of the Department:
Electrical Engineering

Name of the Lab with Code no.:

Instruments/meters required for different Labs

Sl No.	Name of the Experiment or Equipment required for Experiment	Technical Specification	Qty	Recommended Suppliers/Make (if any)	Rate in Rs	Present Status of Experiments/Equipment	Requisition	Order Placed on	Delivery of Material	Inspection/Testing/Installation	Date	Despatch date of Bill with Challan and date of entry to the Stock Book and to the Accounts
1.	0-270V, 10A DC Power Supply		01									
2.	Digital Multimeter (3 ½ digit)		10									
3	DC Power supply	GPR-3060D 0-30V/6A	1	GW-INSTEK (M/s Arihant Trading Company)								
4	A.C Variacs	Single Phase, 4 Amp, 0-270 Volt	2									



Format for Procurement of Laboratory Equipment (For New Purchase)

Name of the College : Siliguri Institute Of Technology

Name of the Department:

Electrical Engineering

Name of the Lab with Code no.:

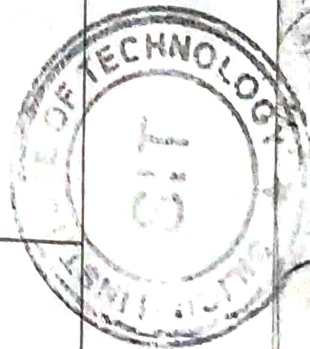
Instruments/meters required for different Labs

	A.C Variacs	Single Phase, 8 Amp, 0-270 Volt						
5			2					
6	Hand held DMM with Data Logging facility	GDM-461 41/2 Digit	2			GW-INSTEK (M/s Arihant Trading Company)		
7	Wattmeter (LPE Type)	30 W, 150/300/600V, 1/2A, power factor 0.2	2					
8	DC Ammeter	0-2.5/5A	3					
9	AC Ammeter	0-5/10A	3					



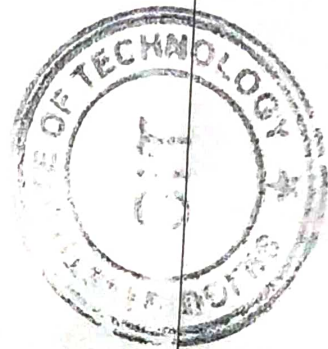
(Signature)

Course / Branch (To be filled by the College)	Semester (To be filled by the College)	Name of the Laboratory with WBUT Paper Code (To be filled by the College)	Room No. / Area (Sq ft) (To be filled by the College)	Experimental Set up required as per WBUT syllabus (To be filled by the College)		Observations of the Inspection Team (If found in order, please write OK, otherwise comment on deficiencies) (Required)
				All available =>Yes	Deficiencies =>Please comment	
CE	3rd	PH391	800	yes	Nil	Ok Nil
		CE391	737	Yes	Yes	1 Test on closely coiled helical spring 2 Fatigue Test
		CE392	800	No	Yes	1. Ranging Rod - 10 nos. 2. Arrow - 10 nos.
		CE393	800	No	Yes	Drawing board with stand = 6 nos
		HU481	546	Yes	Nil	Ok Nil
CE	4th	M(CS)491	625	Yes	Nil	Ok Nil
						1. Calibration of V-Notch 2. Measurement of water surface profile for flow over broad crested weir 3. Preparation of discharge rating curve for a sluice
		CE491	800	No	Yes	Measurement of water surface profile for a Hydraulic jump



	Class	Surveying Practice II	Room	No	Yes	Total station Complete unit
5th	CE 591	Soil Mechanics Lab II	768	Yes	Nil	Nil
	CE 592	Concrete Lab	384	Yes	Nil	Nil
	CE 593	Quality Surveying, Specification and Valuation	768	Yes	Nil	Nil
	CE 594	Engineering Geology Lab	400	Yes	Nil	Nil
	CE 691	Highway & Transportation Lab	384	Yes	Nil	Nil
6th	CE 692	Detailing of RC & Steel Structures	768	Yes	Nil	Nil
	CE 693	CAD Lab	768	No	Yes	2 NOs of CPU required, Auto cadd Software required (15 user) and Staad Pro v8i software required 15 user -New+5 Existing





7th	CE 791	Environmental Engineering Lab	400	No	Yes	1) Equipment for Determination of the Optimum Alum Dose for a given sample of water through Jar Test 2) Equipment for Determination of amount of Dissolved Oxygen (DO) in a given sample of Water 3) Equipment for Determination of the Biochemical Oxygen Demand (BOD) for a given sample of wastewater 4) Equipment for Determination of the Chemical Oxygen Demand (COD) for a given sample of wastewater 5) Equipment for Determination of bacteriological quality of water: presumptive test, confirmative test and Determination of MPN
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1) Equipment for Determination of the Optimum Alum Dose for a given sample of water through Jar Test

2) Equipment for Determination of amount of Dissolved Oxygen (DO) in a given sample of Water

3) Equipment for Determination of the Biochemical Oxygen Demand (BOD) for a given sample of wastewater

4) Equipment for Determination of the Chemical Oxygen Demand (COD) for a given sample of wastewater

5) Equipment for Determination of bacteriological quality of water: presumptive test, confirmative test and Determination of MPN

400

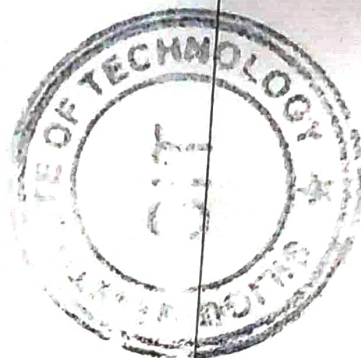
No

Yes

CE 791

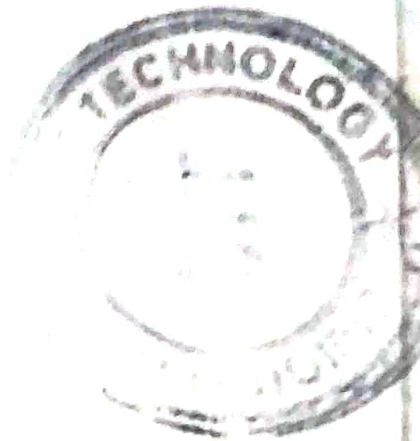
7th

Environmental Engineering Lab



CE 792 Highway Engineering Lab		800	Yes	Nil	Ok	Nil
CE 793	Computer Application in Civil Engineering - I Lab	NA	NA	NA	NA	NA
CE 793A	Material Testing lab	NA	No	Yes		1. Equipment for Test for drawability of sheet metals through cupping test; 2. Equipment for Observation of presence of surface cracks using different non-destructive techniques
8th	CE 891 Computer Application in Civil Engineering - II Lab	NA	NA	NA	NA	NA

Good
C.E. Dept.



PHYSICS-I Lab (PH-191/291)

The following equipments/ components are required for procurement.

Sl. No	Name of the Experimental set up/ components	Supplier	Specifications	No. of Equipment required
1	Sodium Vapor Lamp For Newton's Ring Exp	Ranjan Electronics	Working at 250 mA transformer	04
2	Laser Diffraction Set up	Shyam Rai	Input 230 V ac, 100 lines/mm grating	01
3	Discharge tube for Dispersive Power Exp	Ranjan Electronics	Hydrogen Or Helium discharge tube	04
4	Optical Fiber set	Ranjan Electronics	Input 230V ac	01
5	Slide Calipers	Ranjan Electronics	V.C=0.01 cm	10
6	Screw Gauge	Ranjan Electronics	L.C=0.001cm	10



Handwritten signature

The following equipments/ components are required for procurement.

Sl No.	Name of the Experimental set up/ components	Supplier	Specifications	No of Equipment required
1	Semiconductor chip mounted within four probes for Band Gap Exp.	Ranjan Electronics	W=0.05cm Ge crystal(n/p type) mounted within the four probe	01
2	Constant Power Supply for Hall Effect Exp	Shyam Rai	EMU=50, DPS=50, 0-4 A	03
3	Gauss meter for Hall Effect Exp	Shyam Rai	DGM 102	01
4	Bulb required for Planck's Constant Exp	Ranjan Electronics	5 Watt	06
5	Planck's Constant full Exp Set up	Ranjan Electronics	0-12 V dc power supply, solar cell efficiency 1-2%, dc micro ammeter, 0-200 μ A, bulb 5 Watt	01
6	Discharge tube for Rydberg constant	EPL	Hydrogen Or Helium discharge tube	04
7	e/ m measurement by J J Thomson method, full Exp. set up	Ranjan Electronics	Separation between plates=10mm, length of horizontal plate pair=25 mm, distance between screen and plate=130 mm	02
8	Lande g factor Exp Set up	Scientific Equipment and Services	Helmholtz coil with paramagnetic substance having diameter of windings 15.4 cm,	01



Under

**DEPARTMENT OF ECE
SILIGURI INSTITUTE OF TECHNOLOGY**

Requirement of Trainer Kit and Test Equipment and Electronic components for all Laboratories of the ECE Dept.
for ODD SEMESTER (July – December 2016)

Test Equipment/Trainer Kits:

Sl. No.	Description	Make	Model/Range	Qty	Laboratory
1	Digital communication trainer kit, TDM Pulse Code Modulator & Transmitter	Scientech	ST-2153	02	Digital and Analog Commn. Lab
2	Digital communication trainer kit, TDM Pulse Code Demodulator & Receiver	Scientech	ST-2154	02	Digital and Analog Commn. Lab
3	Digital communication trainer kit, Delta Modulation & Demodulation Techniques	Scientech	ST-2155	02	Digital and Analog Commn. Lab
4	Digital communication Trainer kit, 08 Bit Variable DATA Generator	Scientech	ST-2111	02	Digital and Analog Commn. Lab
5	Universal trainer Kit	Tirupati Electronics Gole Bazar Khargpur, WB	MicroLab II	6	Basic Electronics Lab
6	PUSH PULL Amplifier	Omega Electronics, B-28, Fateh Singh Scheme, Opposite Rajputana Palace Sheraton, Jaipur-302017	ETB-22	02	AEC Lab
7	Transistor Amplifier	Omega Electronics	ETB-45	02	AEC Lab
8	Class A, B, C & AB Amplifier	Omega Electronics	ETB-214	02	AEC Lab
9	CRO	GW INSTEK	GOS-630FC (30MHz)	04	AEC Lab
10	Digital Storage Oscilloscope,	GW INSTEK	GBS-1000 Series (70 MHz _z)	01	Digital and Analog Commn. Lab

E. Var.



Manu

Sl. No.	Description	Make	Model/Range	Qty	Laboratory
11.	Digital Storage Oscilloscope	GW INSTRUK	GDS-1072-U (70 MHz)	08	Digital and Analog Commn. Lab, BE LAB, SSD LAB
12.	Arbitrary Function Generator	GW INSTRUK	AFG 2000 Series (5 MHz)	04	Digital and Analog Commn. Lab
13.	DDS Function Generator	GW INSTRUK	SPG-2004 (4 MHz)	10	AEC Lab SSD Lab
14.	Output Power Meter	APLAB Limited APLAB House, A-5, Wagle Estate, THANE 400 604. INDIA.	MODEL 2018	03	AEC Lab
15.	DC Regulated Power Supply (with Digital Display)	Elnova Pvt. Ltd C - 58, Okhla Industrial Area, Phase - I New Delhi -20	1000D Series Model No. 634300109 (0-15V) Dual Port	4	Basic Electronics Lab
16.	115W DC Power Supply	Elnova Pvt .Ltd	E-61	04	AEC Lab
17.	Analog Moving Coil Ammeter	OSWA	(0-100) μ A	6	Basic Electronics Lab
18.	Analog Moving Coil Ammeter	OSWA	(0-500) μ A	4	Basic Electronics Lab
19.	Universal Multivendor Kit - VTU	Bit Mapper Integration Technologies Pvt. Ltd, B-3, Mayur Complex, Opp. Belke Nagar, Kothrud, Pune - 411 038	UNIV_VTU-MB	05 user	VLSI Design Lab
20.	Cadence Virtuoso mixed signal-design behavioral Modelling Technology for schematic Model Generator and Virtuoso AMS design and Model Validator	CADENCE	Software Version 6.1.4.0	05 User	VLSI Design Lab
21.	T-Spice	Tanner EDA	Software Version v14.11	30 User	VLSI Design Lab
22.	PSpice Software	OrCAD		20 user	Solid State Devices Lab
23.	MATLAB Software	Supplier: ELMAX projects & service ltd, Lake gardens, Kolkata	Version R2016 with Simulink and Signal Processing Toolbox	30 users	DSP and Signals & Systems Lab
24.	Quick Heal antivirus			5 user	Faculty & projector room

Requirement of Laboratory Equipment for CSENGG Department

SL.NO	NAME OF THE SOFTWARE/EQUIPMENT REQUIRED	TECHNICAL SPECIFICATION	QTY. (FOR CSE)	RECOMMENDED SUPPLIERS/MAKE (IF ANY)	REMARKS (IF ANY)
1	MATLAB 2014 A or above	Network License Academic Version	30 Users	Math Works	Present/Future Projects carried out using MATLAB cannot be produced before any Accreditation Body due to unavailability of Licensed Software.
2	Visual Studio Professional	OLP NL 2013	30 Users	Microsoft	Required for existing laboratories. (Kindly note Experiments are being carried out presently using these software)
3	Adobe Photoshop CS6	N/A	30 Users	Adobe	
4	Adobe Flash CS6	N/A	30 Users	Adobe	
5	Adobe Dreamweaver CS6	N/A	30 Users	Adobe	
6	Sound forge Pro 11	N/A	30 Users	Sony Creative Software	
7	MS Project 2013 standard	OLP NL AE	30 Users	Microsoft	Present/Future Projects carried out using this software cannot be produced before any Accreditation Body due to unavailability of Licensed Software.
8	IBM System X3300 M4 (Server)	Intel Xeon 1.8 Ghz Processor, 500 GB HDD, 8 GB RAM	1 No.	IBM	One out of 4 servers is yet to be replaced by an IBM Server
9	PC for Proposed New Project Lab	Core i3 or above, 500GB HDD, 4 GB RAM	30 Nos.	Lenovo	For setting up of lab as mentioned in Annexure: IV
10	RJ45 Cable Tester (D Link)		2 Sets	D Link	
11	Unmanaged Switch (Cisco)	24 Port	3 Nos.	Cisco	

Approved
16/05/16

SILIGURI INSTITUTE OF TECHNOLOGY

NOTICE

Date: 11/04/2016

In view of the Odd semester 2016 all are requested to submit their departmental requisition to the undersigned for placing it to the purchase committee for approval.

Proper action in this regard is solicited.



Dr. J. Jhampati

Director

Director

Siliguri Institute of Technology

Siliguri Institute of Technology

Cc: To All HODs. Administrator

SILIGURI INSTITUTE OF TECHNOLOGY

C I R C U L A R

Date: 01.04.2016

Ref. no. : Admin/2015/03/47

SUB : CONSTITUTION OF PURCHASE COMMITTEE

This is to inform all concerned that for smooth organizing of purchase and orders of various materials for the Institute, the following **Purchase Committee** has been constituted. The committee will act as following guidelines:

Guidelines:

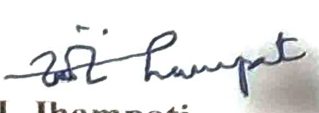
- Purchase of Consumable Items may be approved directly by the Director.
- Requisition of materials shall be entertained ONLY through proper format of Requisition Slip.
- Objective of the committee is to ensure that purchase only for the interest/development and betterment of the college to procure right quality at right time, price and quantity.
- To develop proper Vendor with sound credential based on past performance.
- To prune unnecessary demands from the departments, if any.
- To define process of purchase, wherever applicable.
- To maintain data and records at all the levels.

Chairperson : Dr. S Ray Chaudhuri, Director-SIT

Convener : Mr. J. Guha, Administrator
Coordinator : Mr. N. Banik (Head (CR & P))

Members : Dr. Arindam Ray
Mr. D. Basu
Mr. P. Roy, Project Manager
Mr. S. Sarkar, Officer, Establishment & Facility
Mr. K. Dutta, Sr. Office Assistant, Accounts

Note: Validity of the Committee will be upto 31st March, 2016. Thereafter the committee would be reconstituted.


Dr. J. Jhampati
Director
Siliguri Institute of Technology



Copy to:
All HOD's / In-Charges, Administrator, AGM (SS & P), Librarian, HR Dept., Officer- Estate & Facility, Project Manager

SILIGURI INSTITUTE OF TECHNOLOGY

H C ROAD, PO SUKNA, SILIGURI, PIN 734009(W.B.)
DIST DARJEELING

No. SIT/OTHERS/140

Date 26.10.16

WORK ORDER

TO
DOOARS LAMINATES,
2ND MILE, SEVOKE ROAD,
SILIGURI.

Sir

Please supply the following items immediately.

SL.NO.	DESCRIPTION	PURPOSE	QNTY.	RATE	AMOUNT
1.	1101 MATT GOLD RUST – LAMINATES 8MM	TRAINING & PLACEMENT CELL	15 PCS	598.32	8974.80
2.	5078 OAK LUMBER ESOTERIC OAK – LAMINATES 1MM		3 PCS	1.076.77	3230.31

VAT AS APPLICABLE.

Terms & Conditions:

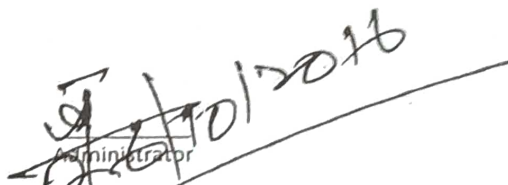
- Rate: The above rate is exclusive of all taxes & charges.
- Delivery/Work Address: Siliguri Institute of Technology, Sukna
- Billing Address: Siliguri Institute of Technology, Sukna.
- Payment Terms: Payment will be made within 30-45 days after completion/delivery.
- ATO: Company will have the right to amend/cancel the order at any time before the delivery/completion of the supply/work.

Documents Required for Bill:

1. Original bill with two photocopies.
2. Photocopy of Supply order.
3. Your Vat No. & PAN must be shown in the bill.
4. Your A/c No., Bank name, Branch & IFSC code.

- All payment will be made subject to all statutory deductions as per Govt. norms.
- All disputes will be subject to Kolkata jurisdiction.
- Kindly acknowledge receipt and acceptance of this order.

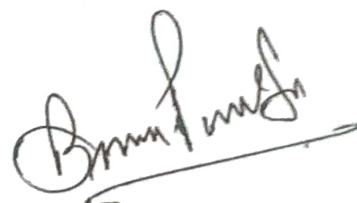

Director


Administrator


Project Manager

Prepared by

Bijayjit Saha



SILIGURI INSTITUTE OF TECHNOLOGY
H.C. ROAD, PO. SUKNA, SILIGURI, PIN: 734009 (W.B.)
DIST. DARJEELING

No. SIT/OTHERS/141

Date 24.10.16

WORK ORDER

TO
ELECTRO MECH,
31, SEVOKE ROAD, SILIGURI -1.

Sir,

Please supply the following items immediately.

Sl. No.	Particulars	Purpose	Qty	Rate	Amount
1.	TUBE LIGHT FITTINGS W/TUBE 36W	FOR CIVIL WORKSHOP	32 PC	300.00	9600.00
2.	TUBE LIGHT 36 W		25 PC	40.00	1000.00
3.	CARTING POWDER		2 BAG	675.00	1350.00
4.	8 NO. G.I. WIRE		6.600 KG.	85.00	561.00
5.	VAN FARE			350.00	350.00

VAT AS APPLICABLE.

Terms & Conditions:

- **Rate:** The above rate is exclusive of all taxes & charges.
- **Delivery/Work Address:** Siliguri Institute of Technology, Sukna.
- **Billing Address:** Siliguri Institute of Technology, Sukna.
- **Payment Terms:** Payment will be made within 30-45 days after completion/delivery.
- **ATO:** Company will have the right to amend/cancel the order at any time before the delivery/completion of the supply/work.

Documents Required for Bill:

1. Original bill with two photocopies.
 2. Photocopy of Supply order.
 3. Your Vat No. & PAN must be shown in the bill.
 4. Your A/c No., Bank name, Branch & IFSC code.
-
- All payment will be made subject to all statutory deductions as per Govt. norms.
 - All disputes will be subject to Kolkata jurisdiction.
 - Kindly acknowledge receipt and acceptance of this order.


Director


Administrator


Officer, Estate & Facility

Prepared by

Biswajit Saha



SILIGURI INSTITUTE OF TECHNOLOGY

H.C. ROAD, PO. SUKNA, SILIGURI, PIN-734009(W.B.)
DIST. DARJEELING

S. NO. SIT/OTHERS/91

Date 19.08.16

WORK ORDER

To
C.D. ENTERPRISE,
PATI COLONY, ROAD NO.9,
SILIGURI JUNCTION,
PIN - 734003.

Please do the following works (As soon as possible)

Sl. No.	Particulars	Purpose	Qty.	Rate
1.	Inside white cement Gholi(1 coat)	FOR NEW WORKSHOP BUILDING	As required	1.50 per sq.ft.
2.	Inside cement primer(1 coat)			2.00 per sq.ft.
3.	Inside Acrylic Emulsion(2 coat)			6.00 per sq.ft.
4.	Outside white cement Gholi(1 coat)			1.50 per sq.ft.
5.	Outside cement primer(1 coat)			2.00 per sq.ft.
6.	Outside Apex ULTIMA(2 coat)			6.50 per sq.ft.
7.	Enamel Paint(2 coat)			8.00 per sq.ft. or R/FT
8.	Red Oxide Primer(1 coat)with servicing			2.00 per sq.ft.

Roof Truss Enamel Paint measuring by the way of running feet procedure.

Terms & Conditions:

- Rate: The above rate is inclusive of all taxes & charges.
- Delivery/Work Address: Siliguri Institute of Technology, Sukna
- Billing Address: Siliguri Institute of Technology, Sukna.
- Payment Terms: Payment will be made within 30-45 days after completion/delivery of the work.
- ATO Company will have the right to amend/cancel the order at any time before the delivery/completion of the supply/work.

Documents Required for Bill:

1. Original bill with two photocopies.
 2. Photocopy of Supply order.
 3. Your Vat No. & PAN must be shown in the bill.
 4. Your A/c No, Bank name, Branch & IFSC code.
- All payment will be made subject to all statutory deductions as per Govt. norms.
 - All disputes will be subject to Kolkata jurisdiction.
 - Kindly acknowledge receipt and acceptance of this order

Director

Administrator

Officer, Estate & Facility

Prepared by
Biswajit Saha

Received
22/8/16

SILIGURI INSTITUTE OF TECHNOLOGY

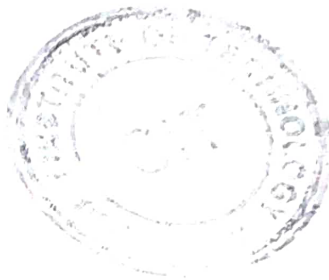
NOTICE

Date: 28/10/2016

A Meeting of the Purchase Committee of Siliguri Institute of Technology will be held on 02nd November, 2016 at 4:30 p.m. in the Conference Room of SIT.

All the Members of the Committee are requested to present in the meeting for discussion on the following agenda.

- Discussion on the purchase proposals of different departments.
- Miscellaneous.



[Signature]
Chairperson
Purchase Committee
Siliguri Institute of Technology

RECEIVING

[Signature]

[Signature] 28/10/16

[Signature]

[Signature] 28/10

[Signature]

SILIGURI INSTITUTE OF TECHNOLOGY

Minutes of the Meeting of the Purchase Committee held on 2nd November, 2016 in the Conference Room of SIT.

Members Present:

1. Dr. J. Jhampati: In the Chair
2. Mr. J. Guha
3. Mr. N. Banik
4. Mr. A. Ray
5. Mr. D. Basu
6. Mr. P. Roy
7. Mr. S. Sarkar
8. Mr. K. Dutta

The following decisions have been made in the meeting:

1. Chairperson welcomes the convener and all the members of the committee in the meeting.
2. Chairperson readout the minutes of the last meeting and the same has been confirmed by all.
3. Chairperson informed that the previous all the purchases in the institute are made systematically in the time schedule.
4. Convener submitted the requisitions as received from various departments for scrutiny and approval. After carefully gone through, the house approved the same.

There is no agenda to discuss the meeting ended with vote of thanks of the chair.



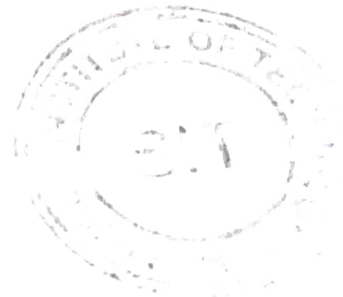

Chairperson
Purchase Committee, SIT
Director
Siliguri Institute of Technology

SILIGURI INSTITUTE OF TECHNOLOGY

ATTENDANCE SHEET

Date: 02/11/16

Sl.No.	Name	Signature
1.	Dr. J. Jhampati	
2.	Mr. J. Guha	J. Guha
3.	Mr. N. Banik	N. Banik
4.	Dr. Arindam Ray	Arindam Ray
5.	Mr. D. Basu	D. Basu
6.	Mr. P. Roy	P. Roy
7.	Mr. S. Sarkar	S. Sarkar
8.	Mr. K. Dutta	K. Dutta



Requisition Submitted for Odd Semester 2014

Requisition Date: 6th August, 2016

Material Description	Materials received in previous semester		Qty. Consumed in last Sem	Available Quantity	Required Quantity	Remarks
	Qty. received	Qty. in stock after receiving				
A-4 Size Page (Xerox Paper)	10	13	11	02	10 Rims	
Attendance Register	0	10	10	00	24	
Ball Pen (Blue)	00	02	02	00	10	
Ball Pen (Red)	00	14	08	06	12	
Ball Pen (Black)	00	00	00	00	10	
Battery 1.5 volt (large)	Not required					
Battery, 9 Volt	0	2	1	1	1	
Battery, AA (Pencil Type)	Not required					
Battery, AAA (Pencil Type Small)	Not required					
Binder Clip (Big)	00	05	02	03 Boxes	02 Boxes	
Binder Clip (Small)	00	03	01	02 Boxes	02 Boxes	
Board Pin	00	06	03	03 Boxes	01 Box	
DVD	00	30	15	15	20	
Cello Tape, Large (2 inch)	00	15	05	10	02	
Cello Tape, Medium (1 inch)					02	
Cello Tape, Small (1/2 inch)					02	
Chalk Colour	12	36	30	06	06 Boxes	
Chalk White					24 Boxes	
Clothes Duster	10	14	08	06	12	
Cover File	12	17	12	05	15	
Cutter	Not required					
D-clip file	00	00	00	00	02	
Dista Paper	20	23	20	03	30	
Dustbin	Not required					
Duster	00	25	12	13	12	
Envelope (Large)	70	197	90	107	30	
Envelope (Medium)					30	
Envelope (Small)					00	
Eraser	00	04	04	00	10	
Flat File	00	40	10	30	00	
Gems Clip	00	06	02	04	01	
Glue Bottle	00	00	00	00	00	

Sl. No.	Material Description	Materials received in previous semester		Qty. Consumed in last Sem	Available Quantity	Required Quantity	Remarks
		Qty. received	Qty. in stock after receiving				
22	Glue Stick	10	18	08	10	05	
23	Highlighter	00	10	05	05	10	
24	Magnetic Pin Container						
25	Marker, Permanent						
26	Marker, Temporary (White Board Marker)	20	44	20	24	12	Only black required
27	Packing Tape						
28	Paper Pin (Alpin)/Point Pin						
29	Paper Weight						
30	Pen Drive						
31	Pen Stand						
32	Pencil (wooden)	00	09	06	03	12	
33	Post It Flag						
34	Printer Cartridge, Desk Laser 1000 (802), Black						
35	Printer, HP Desk jet F380 (21)						
36	Printer, HP Desk jet F380 (22)						
37	Printer, HP Laser Jet P1007(88A/1007)						
38	Printer, Desk Laser 1000 (802), Colour						
39	Punching Machine	00	04	01	03	02	
40	PVC Tape						
41	Ring Binder File						
42	Rubber Band	00	00	00	00	01 Packet	
43	Ruled Register	00	00	00	00	06	
44	Scale (15 cm)						
45	Scale (30 cm)						
46	Scissor	00	00	00	00	02	
47	Sharpener	00	10	04	06	05	
48	Sketch Pen						
49	Stamp Pad	02	03	02	01	02	Big
50	Stapler Pin						
51	Staplers						
52	Stick File						
53	Stick Pad	00	05	03	02	04	
54	Whitener Pen						



S. Kar
Dr. Sourav Kar
Coordinator, DESH
Siliguri Institute of Technology

Experiment		Objectives	Apparatus	Diagram	Procedure	Precautions	Result
Small tools required for both Physics I & Physics II laboratory	Determination of the thermo-electric power at a certain temperature of the given thermocouple	A ballistic galvanometer with tapping key. DC power supply (~1V). Different resistance boxes (range 10K Ω , 1000 Ω , 10 Ω).	1	Immersion heater, beaker, thermometer, thermocouple kit with copper constantan thermocouple.	Immersion heater, beaker, thermometer, thermocouple kit with copper constantan thermocouple.	1 nos required	
	Wire Cutter					4 pcs	
	Screw Driver Set					2 pcs	
	Full Soldering Apparatus (with iron, holder, wire, paste)					2 pcs	
	Magnifying Glass					10 pcs	
	Graduated Cylinder (100 ml)					2 pcs	
	Plus					2 pcs	
	Pliers					2 pcs	
	Wrench set					2 pcs	
	Sand Paper					10 sheet	
Stop watch					5 pcs		
Machine oil					2 bottles		
Pipe for viscosity experiment					5 mt		
Prism					2 pcs		

Demand of Equipment (EVEN SEMESTER 2016 – 17) Date of Submission : Oct 28, 2016

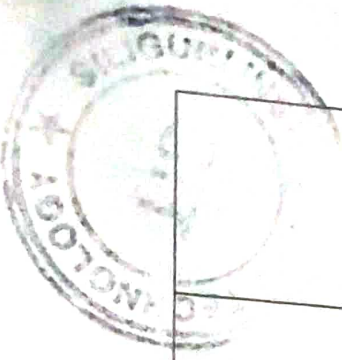
Name of the Department	Name of the Laboratory	Name of the experiment as per the MAKAUT / WBUT Curriculum	Name of the Equipment/ Items required as per the Experiment	Name & No. of the existing Equipment to meet up the requirement (if any)	Name of the new Equipment to meet up the requirement with specifications	Remarks/ Justification
DEPARTMENT OF ENGINEERING SCIENCES AND HUMANITIES	Chemistry Laboratory	1. To Determine the alkalinity in given water sample.	Chainometric balance	Chainometric balance – 6 pcs	Chainometric balance - nil	Servicing is required
		2. Red-ox titration (estimation of iron using permanganometry).	Chainometric balance	Chainometric balance – 6 pcs	Chainometric balance - nil	Servicing is required
		3. To determine calcium and magnesium hardness of a given water sample separately.	Chainometric balance	Chainometric balance – 6 pcs	Chainometric balance - nil	Servicing is required
		4. To determine the value of the rate constant for the hydrolysis of ethyl acetate catalyzed by hydrochloric acid.	Chainometric balance	Chainometric balance – 6 pcs	Chainometric balance – nil	Servicing is required
		5. Heterogeneous equilibrium (determination of partition coefficient of acetic acid between n-butanol and water).	Chainometric balance	Chainometric balance – 6 pcs	Chainometric balance – nil	Servicing is required
			Mechanical Shaker	Four finger Mechanical Shaker – 1 pcs	Nine finger Mechanical Shaker – 2 pcs	Currently we have only one four finger mechanical shaker. With a batch of around 30 students we need two more nine finger

Sourav Kar
Dr. Sourav Kar
 Coordinator, DESH
 Sagun Institute of Technology




 Dr. Sourav Kar
 Coordinator, DESH
 Siliguri Institute of Technology

6. Viscosity of solutions (determination of percentage composition of sugar solution from viscosity).	Chainometric balance	Chainometric balance – 6 pcs	Chainometric balance - nil	Mechanical shaker Servicing is required
7. Conductometric titration for determination of the strength of a given HCl solution by titration against a standard NaOH solution.	Chainometric balance	Chainometric balance – 6 pcs	Chainometric balance – nil	Servicing is required
8. pH- metric titration for determination of strength of a given HCl solution against a standard NaOH solution.	Digital Conductometric meter	Digital conductivity meter - 3 pcs	Digital conductivity meter (Make: EQUIP-TRONICS, Model: EQ660A) - 2 pcs	Three instruments currently in working condition. Three instruments are very old and do not work at all.
9. Determination of dissolved oxygen present in a given water sample.	Chainometric balance	Chainometric balance – 6 pcs	Chainometric balance - nil	Servicing is required
10. To determine chloride ion in a given water sample by Argentometric method (using chromate indicator solution).	Chainometric balance	Chainometric balance – 6 pcs	Chainometric balance - nil	Servicing is required



Requisition Form for Academic Affairs. (Mechanical)

Laboratory equipment/ component/experiment/ software including consumables.

[Even Semester 2016-17]

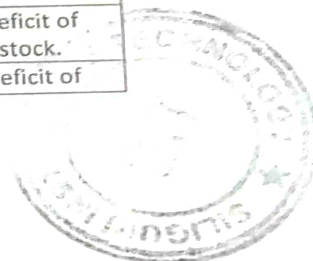
Date of submission: 25/10/2016

Demand of Equipment

Name of Laboratory	Name of the experiment as per MAKAUT/ WBUT Curriculum	Name of the Equipment/Items required as per the Experiment	Name & No. of the existing Equipment to meet up the requirement (if any)	Name of the New equipment to meet up the requirement with specifications	Number of item required	Remarks/ Justification
Mechanical WORKSHOP	Lathe operations		N/A	M.S Round Bar (75mm length, 25mm dia.)	300pcs	Deficit of stock.
	Gas welding		N/A	High pressure gas welding torch(company name: Indian oxygen)	2pcs	Defective existing item.
	Gas welding		N/A	Oxyacetylene gas welding goggles(black)	12pcs.	Defective existing item.
	Gas welding		N/A	Oxygen regulator(high pressure)	2pcs	Defective existing item.
	Gas welding		N/A	Acetylene regulator(high pressure)	2pcs	Defective existing item.
	Gas welding		N/A	Oxyacetylene gas welding hose clip	12pcs.	Defective existing item.
	Fitting.		N/A	Power saw blade(450mm Length, 25mm Breadth & 1.25mm thick) MIRANDA	12pcs.	Deficit of stock.
	Maintenanc e of machines		N/A	3lt Mobil	1pcs	Deficit of stock.
	Maintenanc e of machines		N/A	5Kg Grease	1pcs	Deficit of stock.
	Arc Welding		N/A	Leather Hand gloves	6 pairs.	Deficit of stock.
	Arc Welding		N/A	Leather Apron	6pcs	Deficit of

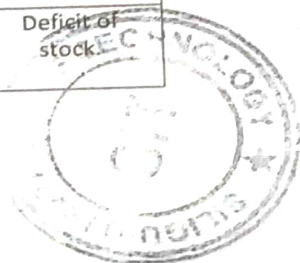
[Signature]

Dr. Soura
Coordinator
Siliguri Institute of Technology



		Arc Welding		N/A	Cold water Arrangement for safety purpose of students.	1set	stock. Deficit of stock.
		Fitting.		N/A	Hacksaw Blade (fine teeth)(good quality)	24pcs.	Deficit of stock.
		Fitting.		N/A	M.S.Flat Plate (75mmx25mmx 2.5mm)	120 pcs.	Deficit of stock.
		Maintenanc e of machines		N/A	Ring Spanner Size(24-27mm)	1pcs	Deficit of stock.
		Maintenanc e of machines		N/A	Ring Spanner Size(21-23mm)	1pcs	Deficit of stock.
		Maintenanc e of machines		N/A	Ring Spanner Size(20-22mm)	1pcs	Deficit of stock.
		Maintenanc e of machines		N/A	Ring Spanner Size(18-19mm)	1pcs	Deficit of stock.
		Maintenanc e of machines		N/A	Ring Spanner Size(16-17mm)	1pcs	Deficit of stock.
		Maintenanc e of machines		N/A	Ring Spanner Size(14-15mm)	1pcs	Deficit of stock.
		Maintenanc e of machines		N/A	Ring Spanner Size(12-13mm)	1pcs	Deficit of stock.
		Maintenanc e of machines		N/A	Ring Spanner Size(10-11mm)	1pcs	Deficit of stock.
		Maintenanc e of machines		N/A	Ring Spanner Size(8-9mm)	1pcs	Deficit of stock.
		Maintenanc e of machines		N/A	Ring Spanner Size(6-7mm)	1pcs	Deficit of stock.
D.E.S.H	Auto CAD Lab.	CAD		N/A	AutoCAD licensed Software.	(At least 10 user)	Deficit of stock.


 Dr. Sourav Kar
 Coordinator, DESH
 Siliguri Institute of Technology



Requisition format for Academic Affairs

Laboratory equipment/component/experiments/software including consumables

Demand of Equipment [EVEN SEMESTER 2016-17] Date of Submission: Oct 28, 2016

Name of the Department	Name of the Laboratory	Name of the experiment as per the MAKAUT/ WBUT curriculum	Name of the Equipments / Items required as per the Experiment	Name & no. of existing equipment to meet up the requirement (if any)	Name of the new Equipment to meet up the requirement with specifications	Remarks/ Justification
Department of Engineering, Sciences and Humanities	Language Laboratory	Presentation skills, Group Discussion and Interview skills	Multimedia projector	Name - EPSON (EMP 55) S/N: JWXF7626 19L	Name - EPSON (EB - S31). This product has HDMI input	The language lab. System set up by ISIL STEP - IIT Kharagpur doesn't support the existing equipment.

NB: List of consumables with specification and no. have to sent separately Lab-wise/ Dept-wise
Both soft copy and hard copy of the requisition is to be sent


Dr. Sourav Kar
Coordinator, DESH
Siliguri Institute of Technology



**Requisition Format for Academic Affairs
Laboratory equipment/component/experiments/software including consumables**

Demand of Equipment

[EVEN SEMESTER 2016-17]

Date of Submission: Oct 28, 2016

Name of the Department	Name of the Laboratory	Name of the experiment as per the MAKAUT/WBUT curriculum	Name of the equipment/items required as per the experiment	Name & No. of the existing equipment to meet up the requirement with specifications	Name & No. of the new equipment to meet up the requirement with specifications	Remarks & Justification
MBA & BBA	Computer Laboratory	MIS Practical DBMS (MBA 2 nd Sem); Market Research Analysis (MBA 4 th Sem)	Computer terminals with software like SQL, SPSS & SEM	10 computers without internet connection, any required software and anti-virus back-up	At least 30 new terminals with updated software with UPS and internet connectivity to accommodate 60 MBA & 85 BBA students batch wise	As of now practical classes are not conducted in our department since last few years. In MCA lab only once in a week our students get the opportunity to use the computers in their lab that too depending upon the availability of the vacant lab since both MCA & BCA have maximum load of computer practical for different subjects. WE REQUIRE A STATE OF THE ART DEDICATED COMPUTER LAB FOR MBA/BBA
		Computer –II (BBA 2 nd Sem)	Computer terminals with Microsoft			



DEBAYAN NANDI
Head of the Department
Department of Business Administration
Siliguri Institute of Technology

Debayan Nandi
28/10/16

Requisition Format For Academic Affairs
Laboratory equipment/component/experiments/software including consumables
Department of hotel management /Department of

Name of the	Department of hotel management /Department Of Hospitality Management
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25/10/14

25/10/16

**Requestion Form for Researcher Affairs
Laboratory equipment/component/experiments/software including accessories**

Name of the Department	Name of the Laboratory	Name of the experiment as per the MAKAUT	Name of the Equipment/Items required as per the Experiment	Name & No. of the existing Equipment to meet up the requirement (if any)	Name of the new Equipment to meet up the requirement with specification	Remark / Justification
	Lab 1	C, Data Structure, C++, JAVA, ORACLE, SPM, VB, Graphics & Multimedia, NLP computing Lab	PC (Computer System)	Working - 15, Not Working/Back dated - 11, Total - 26	Required - 11 nos. of PC. Specification: Minimum i3 processor with 3 Gb RAM and 1 Tb HDD	Upgradation of System is required very very urgently
	Lab 2	C, Data Structure, C++, JAVA, ORACLE, SPM, VB, Graphics & Multimedia, NLP computing Lab	PC (Computer System)	Working - 13, Not Working/Back dated - 09, Total - 22	Required - 09 nos. of PC. Specification: Minimum i3 processor with 3 Gb RAM and 1 Tb HDD	Upgradation of System is required very very urgently
	Project Lab	Major Project, Seminar	PC (Computer System)	Working - 04, Not Working/Back dated - 06, Total - 10	Required - 10 nos. of PC. Specification: Minimum i3 processor with 3 Gb RAM and 1 Tb HDD	Upgradation of System is required very very urgently

**Department of
Computer
Application**


 (Amit Datta) 22/09/22
 Head of The Department
 Department of Computer Application
 Indian Institute of Technology



SILIGURI INSTITUTE OF TECHNOLOGY

NOTICE

A Meeting of the Purchase Committee of Siliguri Institute of Technology will be held on 25th May, 2016 at 5 p.m. in the Conference Room of SIT.

Date: 22/05/2016

All the Members of the Committee are requested to present in the meeting for discussion on the following agenda.

- Discussion on the purchase proposals/requirements of different departments.
- Miscellaneous if any.



Chairperson
Purchase Committee
Siliguri Institute of Technology

Director
Siliguri Institute of Technology

SILIGURI INSTITUTE OF TECHNOLOGY

Minutes of the Meeting of the Purchase Committee held on 25th May, 2016 in the Conference Room of SIT.

Members Present:

1. Dr. J. Jhampati: In the Chair
2. Mr. J. Guha
3. Mr. N. Banik
4. Dr. A. Ray
5. Mr. D. Basu
6. Mr. P. Roy
7. Mr. S. Sarkar
8. Mr. K. Dutta

The following decisions have been made in the meeting:

1. Chairperson started the proceedings of the meeting.
2. The convener, Coordinator and all the members welcome the new Chairperson of the committee in the meeting.
3. Chairperson readout the minutes of the last meeting and the same has been confirmed by all.
4. Departments were submitted their requisition of purchase and the proposals are approved by the committee.

There is no agenda to discuss the meeting ended with vote of thanks of the chair.


Chairperson
Purchase Committee, SIT
Director
Siliguri Institute of Technology



SILIGURI INSTITUTE OF TECHNOLOGY

ATTENDANCE SHEET

Sl.No.	Name	Signature
1.	Dr. J. Jhampati	20
2.	Mr. J. Guha	J Guha 25/5/16
3.	Mr. N. Banik	N Banik
4.	Dr. Arindam Ray	Ar
5.	Mr. D. Basu	DB
6.	Mr. P. Roy	PR
7.	Mr. S. Sarkar	SS 25/5/16
8.	Mr. K. Dutta	K Dutta 25/5/16

Date 25/5/16



SILIGURI INSTITUTE OF TECHNOLOGY
DEPARTMENT OF ELECTRICAL ENGINEERING



Requisition for different labs under EE for the even semester
2016-17

Requisition No. : SIT/EE/2016/12/10-10
Dated : 26.10.2016

List of labs to be conducted by EE department in the even sem 2017

EE-491	Electric Machine-I
EE-492	Electrical & Electronic measurement
EE-691	Control System-II
EE-692	Power System-II
EE-693	Power Electronics

Basu

Jayanta Bhusan Basu
Head Of The Department
Department of Electrical Engineering

Siliguri Institute of Technology



Department : Electrical Engineering

Demand of Equipment/Lab Set ups/Kits

[Even Semester 2016-17]

Date: 26.10.2016

Name of the Department	Name of the Laboratory	Name of the experiment as per the MAKAUT/WBUT Curriculum	Name of the Equipment/Items required as per the Experiment	Name & no. of the existing Equipment to meet up the requirement (If Any)	Name of the new Equipment to meet up the requirement with the Specifications	Remarks / Justification
Electrical Engineering	POWER SYSTEM-II LABORATORY EE-692	Study of different transformer protection schemes by simulation	Transformer Protection Simulation Study Unit	No set up is available.	Transformer Protection Simulation Study Unit consisting of Power Supply : 3ph 415V AC, 50Hz Transformer : 3kVA, 415V/415V Open-ended connection Protection Relays : Differential relay Over Current + Earth Fault Relay Over/under Voltage Relay Temperature Relay Meters provided :	The detail of the supplier for the set up is as given below High Voltage (India) C-334/335, 3rd Main, 1st Stage Peenya Industrial Estate Bengaluru - 560058 Karnataka, India Telephone: +91 80 2839 1066 Contact Person: Dr. Bhagwant Singh Mobile: +91 93418 92339 Email: contact@highvoltage.co.in Web : http://www.hvindia.in/contact.html



Original Receipt Issued Amount Three Integral Motor	Motor Protection Line Simulation Study Unit consisting of	Power Supply : 3 ϕ 415V AC, 50Hz Motor : 3 ϕ Induction Motor Motor Rating : 3HP, 415V, 1440rpm Load type : Spring balance mechanical load Protection Relays : Motor protection relay Over/under voltage relay Temperature relay Negative sequence relay Meters provided : Power Analyzer Voltmeter Ammeter	No set up is available.	Motor Protection Line Simulation Study Unit	Study of different motor protection schemes by simulation	POWER SYSTEM-II LABORATORY EE-692
No set up is available. The detail of the supplier for the set up is as given below High Voltage (India) C-324/335, 3rd Main, 1st Stage Peenya Industrial Estate Bengaluru - 560058 Karnataka, India Telephone: +91 80 2839 1066 Contact Person: Dr. Bhagwant Singh Mobile: +91 93418 92339 Email: contact@highvoltage.co.in Web : http://www.hvindia.in/contact.html						



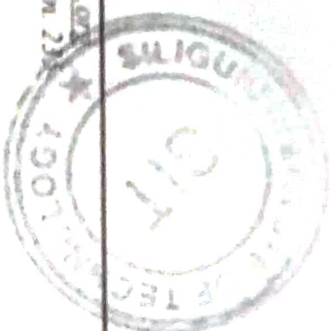
				Time Interval Meter RPM meter	
				Generator Protection Simulation Study Unit consisting of Power Supply : 3ph 415V AC, 50Hz Alternator : 3kVA, 415V, 50Hz, 1500RPM Motor : 3ph 415V Induction Motor Make : Kirloskar / SL Protection Relays : Differential relay Over Current + Earth Fault Relay Over/under Voltage Relay Temperature Relay Frequency Relay Reverse Power Relay Negative Sequence Relay Meters provided : Power Analyzer Voltmeter Ammeter Time Interval Meter Frequency Meter	
	POWER SYSTEM-II LABORATORY EE-692	Generator Protection Simulation Study Unit	No set up is available.		No set up is available. The detail of the supplier for the set up is as given below High Voltage (India) C-334/335, 3rd Main, 1st Stage Peenya Industrial Estate Bengaluru - 560058 Karnataka, India Telephone: +91 80 2839 1066 Contact Person: Dr. Bhagwant Singh Mobile: +91 93418 92339 Email: contact@highvoltage.co.in Web : http://www.hvindia.in/contact.html



Demand of instruments

Name of the Department	Description	Quantity	Purpose
ELECTRICAL ENGINEERING	DC VOLT METER (0-300 VOLT)	2	Required for Basic Electrical Lab to replace existing damaged meters of the existing set ups
	DC AMMETER (0-500 mA)	2	
	Dc power supply (0-220 volt/6 amp)	1	
	DC power supply (0-270 volt, 10 amp)	1	Required for Electrical Machine Lab to replace existing damaged meters of the existing set ups
	110V AC, 220V AUX. DC, 1A ATTRACTION TYPE UNDER VOLTAGE RELAY	1	Required for Power System Lab to replace existing damaged meters of the existing set ups
	Digital Multimeter (3 ½ digit)	5	Required for Machine Lab, Basic Electrical Lab & Power System Lab
	A.C Volt/acs Single Phase, 8 Amp, 0-270 Volt	2	
	Wattmeter (LPF Type) 30 W, 150/300/600V, 1/2A, power factor 0.2	2	For Basic Electrical & Electrical Machines lab

e-mail: hod_electrical@nitrr.ac.in
Ph: 0333-2780023/4 Extn. 238



DEPARTMENT OF ECE
SILIGURI INSTITUTE OF TECHNOLOGY
Requirement of Trainer Kit and Test Equipment for all Laboratories of the ECE Dept. for Even semester- 2016-17.
Test Equipment/Trainer Kits:

Name of the Department	Name of the Laboratory	Name of the Experiment as per MAKAU/WBUT curriculum	Name of the Equipment/Items required as per the Experiment	Name and No. of the existing Equipment to meet up the requirement (if any)	Name of the new equipment to meet up the requirement with specifications	Qty	Remarks/Justifications
ECE	Digital and Analog Commn. Lab	Digital Communication Lab Code: EC691 1. Study of PCM and demodulation. 2. Study of line coders: polar/unipolar/bipolar NRZ, RZ and Manchester. Study of BPSK modulator and demodulator. 3. Study of BFSK modulator and demodulator. 4. Study of ASK modulator and demodulator. 5. Study of QPSK modulator and demodulator.	Digital communication Trainer kit, 08 Bit Variable DATA Generator – Model: ST-2111, Make: Scientech	Nil	08 Bit Variable DATA Generator – Model: ST-2111, Make: Scientech Output : 8 bit (variable) Clock Frequency : Internal : 240 KHz, External : upto 1 MHz Data Selection : Using : 8 toggle switches	02	To conduct the complete experiments according to MAKAU syllabus



26/10/2016
 [Signature]

ECE	Basic Electronics Lab	1. Basic Electrical & Electronic Engineering- II Code-ES-291 Expt: Study of Logic Gates and realization of Boolean functions using Logic Gates.	Universal trainer Kit Model: MicroLab II make: Tirupati Electronics Gole Bazar Khargpur, WB	nil	Universal trainer Kit Model: MicroLab II make: Tirupati Electronics Gole Bazar Khargpur, WB 1) Different Power supply output, 2) Clock generator 3) Frequency generator 4) 8 Bit logic data 5) 8 Bit Logic probe	6	To avoid sharing of the Trainer kits with the DE Lab.
	AEC Lab	Analog Electronic Circuits Lab Code: EC394 Expt.: All the Experiment Listed in the Syllabus	30MHz, 2-Channel, Analog Oscilloscope Model: GOS-630FC make: GWINSTEK	30MHz, 2-Channel, Analog Oscilloscope Model: GOS-630FC make: GWINSTEK Qty held: 05 Status: malfunctioning due to ageing	30MHz, 2-Channel, Analog Oscilloscope Model: GOS-630FC make: GWINSTEK	04	Existing CROs are malfunctioning due to ageing, to be replaced with new CROs. Few defective CROs are to be serviced.
	Digital and Analog Commn. Lab	Analog Communication Lab, Code: EC-591 Digital Communications Lab, Code: EC691 Expt.: All the Experiment Listed in the Syllabus	70MHz, 2-Channel, Digital Storage Oscilloscope Model: GDS-10728 make: GWINSTEK	30MHz, 2-Channel, Analog Oscilloscope Model: GOS-630FC make: GWINSTEK Qty held: 07 Status: malfunctioning due to ageing	70MHz, 2-Channel, Digital Storage Oscilloscope Model: GDS-10728 make: GWINSTEK	08	Existing CROs are malfunctioning due to ageing, to be replaced with new CROs. Defective CROs are to be serviced.
	Digital and Analog Commn. Lab	Digital Communications Lab, Code: EC691 Expt.: All the Experiment Listed in the Syllabus	0.1 – 5 MHz Arbitrary Function Generator Model: AFG-2105 Make: GWINSTEK	1) 4 MHz Synthesized function generator SFG-2104, GWINSTEK Qty: 04, Status: OK 2) 1 MHz Function generator, CADDO-4060 Qty: 04, Status: Malfunctioning due to ageing.	0.1 – 5 MHz Arbitrary Function Generator Model: AFG-2105 Make: GWINSTEK	04	Qty 04 malfunctioning Function generators be replaced with new one and defective Function Generators are to be serviced.
	Analog Electronic Circuits Lab	Analog Electronic Circuits Lab Code: EC394 Expt:	0.1–3 MHz DDS Function Generator Model: SFG-1013 make: GWINSTEK	1) 3 MHz Function generator AP LAB-2009 Qty: 01 Status: OK 2) 10MHz Function	0.1–3 MHz DDS Function Generator Model: SFG-1013 make: GWINSTEK	05	Qty 05 malfunctioning Function generators to be replaced with



2/10/2019

	1. Design a two-stage RC-coupled amplifier B. study of its gain & bandwidth. 2. Study of class A & class B power amplifiers. 3. Study of class C & Push-Pull amplifiers.	Generator GFG-8210, GW INSTRUK Qty 01: Status : malfunctioning 3) 10MHz DDS Function Generator SFG2010, GW INSTRUK Qty 01: Status : malfunctioning 4) 3 MHz Function Generator HMM-5030 Scientific Qty: 03, Status: Malfunctioning			These are and defective Function Generators are to be serviced.
ECE	Solid State Devices Laboratory Solid State Devices Laboratory Code: EC392 Ex 3: Study output characteristics of BJT in common-emitter configuration and find performance parameters (Voltage Gain, Current Gain, Input Impedance, Output Impedance). Ex 4: Study the variation of small-signal voltage gain with frequency of a common-emitter RC coupled amplifier. Ex 6: Study the variation of small-signal voltage gain with frequency of a JFET.	0.1-3 MHz DDS Function Generator Model: SFG-1013 make: GWINSTEK	Nil	0.1-3 MHz DDS Function Generator Model: SFG-1013 make: GWINSTEK	05 To avoid sharing of the equipment with the Communication Lab.



22/10/19

Circuits Lab	EC394 Expt: 1. Study of class A & class B power amplifiers. 2. Study of class C & Push-Pull amplifiers.	Model: 2018 make APLAB	1) AF Output Power meter Model: OM-136, OMEGA Qty 02 Status: Malfunctioning 2) AF Output Power meter Model: OM-135, OMEGA Qty 04 Status: Defective, beyond economical repair	Output Power Meter Model: 2018 make APLAB	02	To replace the defective meters beyond economical repair
Analog Electronic Circuits Lab	Analog Electronic Circuits Lab Code: EC394 For all the Experiment in the list	Non-Programmable & Multiple Channel DC Power Supplies Model: GPE-4323 Make: GWINSTEK	Multi Output DC power supply, Model: E-61, Make: ELNOV Qty held: 06 Status: Qty 3 OK, Qty 03 Malfunctioning	Non-Programmable & Multiple Channel DC Power Supplies Model: GPE-4323 Make: GWINSTEK	02	Qty 03 Malfunctioning.
Basic Electronics Lab	Basic Electrical and Electronics Engineering-I Code: ES191 Study of I-V characteristics of Junction diodes. Study of I-V characteristics of Zener diodes. Study of I-V characteristics of BJTs.	Analog Moving Coil DC Ammeter Range: 0 to 100 micro Ampere	Analog Moving Coil DC Ammeter Range: 0 to 100 micro Amp make: Mecov Qty: 03	Analog Moving Coil DC Ammeter Range: 0 to 100 micro Amp make: Mecov Qty: 03	06	

ECE



26/10/16
Lund

Basic Electronics Lab	Basic Electrical and Electronics Engineering-I Code: ES191 Study of I-V characteristics of Junction diodes. Study of I-V characteristics of Zener diodes. Study of I-V characteristics of BJTs.	Analog Moving Coil DC Ammeter Range: 0 to 500 micro Ampere	Analog Moving Coil DC Ammeter Range: 0 to 500 micro Ampere make: OSWA Qty: 05	Analog Moving Coil DC Ammeter Range: 0 to 500 micro Ampere Qty: 05	04	
ECE						
VLSI Design Lab	VLSI Design Lab Code: EC-792 Laboratory 3 Familiarity with EDA tools for VLSI design /FPGA based system design Laboratory 6. Design of CMOS XOR/XNOR Gates Laboratory 7. Design of CMOS Full adder Laboratory 8. Design of CMOS Flip flops (R-S, D, J-K)	Universal Multivendor Kit - VTU model: UNIV_VTU-MB Make: Bit Mapper Technologies Pvt. Ltd, B-3, Mayur Complex, Opp. Belke Nagar, Kothrud, Pune - 411 038	Nil	Universal Multivendor Kit - VTU model: UNIV_VTU-MB Make: Bit Mapper Integration Technologies Pvt. Ltd, B-3, Mayur Complex, Opp. Belke Nagar, Kothrud, Pune - 411 038	05	To conduct the complete experiments according to MAKAUT syllabus
VLSI Design Lab	VLSI Design Lab Code: EC-792 Laboratory 1. Familiarity with Spice simulation tool Laboratory 2. Spice Simulation of Inverter, NAND, NOR Gate	T-Spice Version v14.11 Make: Tanner EDA	Nil	T-Spice Version v14.11 Make: Tanner EDA	30 Use	To conduct the complete experiments according to MAKAUT syllabus



24/10/2023

ECE

Soft Skills Therese Lab	Soft Skills Training Code: EC 888 For 1. Study of C.V characteristics of a Vernier divider by appropriate software. For 2. Study of C.V characteristics of a WGS structure by appropriate software.	Soft Skills Training Code: EC 888	Non-Programmable & Multiple Channel DC Power Supplies Model: GRE-4323 Make: GWINSTEK	Multi Output DC Power Supply, Model: E-61, Make: ELNOV Qty held: 02	Non Programmable & Multiple Channel DC Power Supplies Model: GRE-4323 Make: GWINSTEK	02	To increase the number of power supply for strength conduction of the lab.
USP and Signal & Systems Lab	Digital signal processing Lab Code: EC 888 Simulation laboratory using standard simulator Signals and systems laboratory Code: 393 for all expt. in the list	MATLAB Version R2018 with Simulink and Signal Processing Toolbox	Nil	Nil	MATLAB Version R2018 with Simulink and Signal Processing Toolbox	30	To standard the equipment according to industry standards
Electronic Design Lab	Design Lab Code: EC 881 For all the Experiment in the list	Non-Programmable & Multiple Channel DC Power Supplies Model: GRE-4323 Make: GWINSTEK	Multi Output DC Power Supply, Model: E-61, Make: ELNOV Qty held: 02	Non Programmable & Multiple Channel DC Power Supplies Model: GRE-4323 Make: GWINSTEK	02	To increase the number of power supply for strength conduction of the lab.	

24/10/2024

SILIGURI INSTITUTE OF TECHNOLOGY
CIVIL ENGINEERING DEPARTMENT

Date :26.10.16

TO
THE DIRECTOR,
SILIGURI INSTITUTE OF TECHNOLOGY

SUB:- Laboratory equipment/ experiments/software including consumables

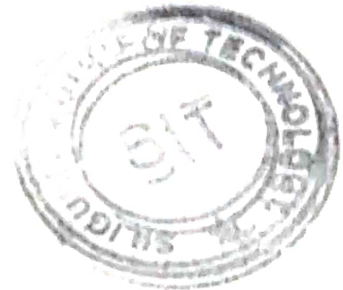
Sir,

As desired I am forwarding herewith a requirement of A) Laboratory Equipment and B) Faculties

With Regards

Head

Civil Engineering Department



Requisition Format for Academic Affairs
Laboratory equipment/experiments/software including consumables

Demand Equipment [even semester 2016-17]

Name of the Department	Name of the Laboratory	Name of the experiment as per the MAKUT/WBUT curriculum	Name of the Equipment/Items required as per the Experiment	Name & No. of the existing Equipment to meet up the requirement (if any)	Name of the new Equipment to meet up the requirement with specifications	Remarks/Justification
Civil Engineering	Surveying practice -2, CE-492)	TRAVERSING BY THEODOLITE	1. CHAIN	3 nos. 30 mtr	2 nos. 30 mtr (Standard MS Chain with marking)	
			2. TRANSIT THEODOLITE set WITH STAND	3 nos		
			3. STAFF	2 nos	1 nos. 4 mt. height telescopic staff	
		SETTING OUT SIMPLE CURVES	1. CHAIN 2. TRANSIT THEODOLITE set WITH STAND	3 nos. 20 mtr 3 nos		
		TOTAL STATION FOR LEVELLING AND CONTOURING	1. TOTAL STATION SET WITH STAND	1 no.	1 no. (Electronic Total Station)	

Consumables

Name of the Department	Name of the Laboratory	Name of the experiment as per the MAKUT/WBUT curriculum	Name of the Equipment/Items required as per the Experiment	Name & No. of the existing Equipment to meet up the requirement (if any)	Name of the new Equipment to meet up the requirement with specifications	Remarks/Justification
Civil Engineering	Surveying practice -2, CE-492)	TRAVERSING BY THEODOLITE, SETTING OUT SIMPLE CURVES, TOTAL STATION FOR LEVELLING AND CONTOURING	1. MEASURING TAPE	3 nos. 30 mt, 1 nos. 15 mt	10 nos.	
			2. RANGING RODS	6 nos		
			3. METALIC ARROWS	6 nos	20 nos.	
			4. OFFSET RODS	7 nos.		
			5. WOODEN PEGS	8 NOS.	18 NOS.	
			6. MALLET	2 NOS.	10 NOS.	

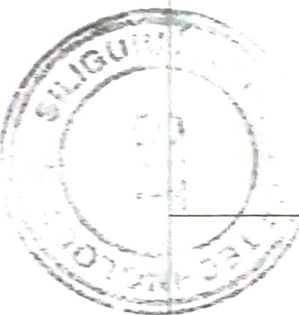


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Demand of Equipment

Name of the department	Name of the laboratory	Name of the experiments as per MAKAUT/WBUT curriculum	Name of the equipment/items required as per the experiment	Name & No of the existing equipment to meet up the requirement	Name of the new equipment to meet up the requirement with specification	Remarks/Justifications
Civil Engineering department	Fluid mechanics laboratory	Determination of Orifice coefficient	Orifice meter apparatus	Orifice meter= 1 no. U-tube manometer= 1 no. Measuring tank= 1 no.		
		Calibration of orifice meter	Orifice meter apparatus	Orifice meter= 1 no. U-tube manometer= 1 no. Measuring tank= 1 no.		
		Calibration of v notch	V notch apparatus		Arrangement for finding the coefficient of discharge inclusive of supply tank, collecting tank, pointer, scale & v notch (45 degree & 60 degree)	
		Measurement of velocity of water in an open channel using a pilot tube	Pilot tube apparatus	Pilot tube= 1 no. Air blower= 1 no. U-tube manometer= 1 no.		
		Measurement of water surface profile for flow over broad crested weir	Broad crested weir apparatus		Broad crested weir, 1 or 2 h.p monoblock pump, low measuring tank, calibrated water flow meter.	
		Preparation of discharge rating curve for a sluice	Sluice gate apparatus		Flow channel with pump and control valve to provide the desired flow rate in the channel, sluice gate, point gage to measure water depth, float, stop watch.	
		Measurement of water surface profile for a hydraulic jump	Hydraulic jump apparatus		Water channel (flume) with a pump and a flow control valve, sluice gate, point gage, adjustable tail gate.	

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Dr. K. R. Chatterjee (T.A.)
26/10/16

Description of apparatus with reference to a hydrostatic device	Description of apparatus	Quantities of apparatus	
Description of efficiency of a reciprocating pump	Reciprocating pump apparatus	No. Suction gauge & delivery gauge - 1 no. each Sump tank - 1 no. Measuring tank - 1 no.	
Description of efficiency of a Pelton wheel turbine	Pelton wheel turbine apparatus	No. Measuring tank - 1 no. Pelton wheel turbine - 1 no. Centrifugal pump - 1 no. Orifice or nozzle - 1 no. Pressure gauge - 1 no. Sump tank - 1 no. Coal weighing scale weighing 100 lbs. Pressure gauge - 1 no. Centrifugal pump - 1 no. Orifice or nozzle - 1 no. Pressure gauge - 1 no. Sump tank - 1 no. Coal weighing scale weighing 100 lbs. Measuring tank - 1 no. Pelton wheel turbine - 1 no.	
Description of efficiency of a Francis turbine	Francis turbine apparatus	No. Measuring tank - 1 no. Francis turbine - 1 no. Centrifugal pump - 1 no. Orifice or nozzle - 1 no. Pressure gauge - 1 no. Sump tank - 1 no. Coal weighing scale weighing 100 lbs. Pressure gauge - 1 no. Centrifugal pump - 1 no. Orifice or nozzle - 1 no. Pressure gauge - 1 no. Sump tank - 1 no. Coal weighing scale weighing 100 lbs. Measuring tank - 1 no. Pelton wheel turbine - 1 no.	
Description of efficiency of a hydraulic press	Hydraulic press apparatus	No. Measuring tank - 1 no. Hydraulic press - 1 no. Centrifugal pump - 1 no. Orifice or nozzle - 1 no. Pressure gauge - 1 no. Sump tank - 1 no. Coal weighing scale weighing 100 lbs. Pressure gauge - 1 no. Centrifugal pump - 1 no. Orifice or nozzle - 1 no. Pressure gauge - 1 no. Sump tank - 1 no. Coal weighing scale weighing 100 lbs. Measuring tank - 1 no. Pelton wheel turbine - 1 no.	



Library
of the
University of
Bombay (P. 4)

Demand Equipment [even semester 2016-17]

Date: 25/10/16

Name of the Department	Name of the Laboratory	Name of the experiment as per the MAKUT/WSUT curriculum	Name of the Equipment/Items required as per the Experiment	Name & No. of the existing Equipment to meet up the requirement (if any)	Name of the new Equipment to meet up the requirement with specifications	Remarks/Justification
Civil Engineering	Soil Mechanics Lab.-(CE493)	Determination of Insitu Density by Core Cutter method.	1. Crushible	41 nos.		
			2. Oven	2 nos		
			3. Digital Weigh balance capacity - 300gm.	1 nos		
			1. Core Cutter with rammer.	1 no.	1. Core Cutter 127.3 mm long and 100 mm internal dia. with rammer- 1 no.	
		Determination of Insitu Density by Sand Replacement Method.	2. spatula	3 nos.		
			3. Measuring Cylinder(100 ml)	4 nos.		
			4. Glass Beaker (1000 ml)	4 nos.		
			1. sand Pouring Cylinder	1 no.	1 sand Pouring Cylinder consists of Cylinder and Cone, connected to each other through a shutter - 1 no.	
			2. Calibrating Container	1 no.	2. Calibrating Container 100 mm internal dia. And 150 mm depth. - 1no.	
			3. Weighing Balance Capacity- 30 kg	1no.		
			4. Metal tray	1 no.	4. Metal tray about 30 square, 4 cm. deep with a central hole of 10 cm. dia.- 1 no.	



[Signature]

Determination of Grain size distribution of soil by Sieving	1. 15 Sieve- 100mm, 80 mm, 40mm, 20mm, 10mm, 4.75mm	1 no.	
	2. 15 Sieve- 2mm, 1mm, 600 μ , 425 μ , 300 μ , 212 μ , 150 μ , 75 μ .	1no.	
	3. Aluminium Tray	6 nos.	
	1. Hydrometer	1 no.	1. Hydrometer- 1no.
Determination of Grain size distribution of soil by Hydrometer Analysis.	2. Funnel (4" dia)	1no.	2. Funnel (4" dia)- 1no.
	3. Ether	1 bottle.	
	4. Ethanol	1 bottle.	
	5. Hydrogen peroxide	1 bottle.	
	6. Hydrochloric Acid	1 bottle.	
	7. Sodium hexa meta phosphate	1 bottle.	
	8. cylindrical Measure (1000ml.)	11 nos.	
	1. Liquid Limit Device, Hand Operated with Counter.	1 no.	1. Liquid Limit Device, Hand Operated with Counter also known as Casagrade's Apparatus- 1 no.
Determination of Liquid limit of Soil	1. Glass plate (600x600x10 mm)	5 nos.	1. Glass plate (600x600x10 mm)- 1 no.
Determination of Plastic Limit of Soil Sample	1. compaction mould, Big	1no.	1. compaction mould, Big 150 mm internal dia, 127.3 mm. height & 2250 vol.- 2 nos.
Determination of Compaction Characteristics of Soil	2. Compaction rammer, Heavy	1 no.	2. Compaction rammer, Heavy- 4.89 kg weight and 450 mm drop.- 2 nos.



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			3. Comparison results. Small	1 no.	3. Comparison results. Small 100 mm internal dia. 127.3 mm height & 1000ml vol. 2 nos.	Repairing of Comparison Rammer. light
			4. Comparison rammer. light		4. Comparison rammer, light. 2.6 kg weight and 310 mm drop- 2 nos.	
			Damaged			



Secretary (Gen. Secy & Information)
 25/10/16
 Krishna Murthy (T.A. of CE Dept)
 as per 16

Name of the Department	Name of the Laboratory	Name of the experiment as per the MAKUT/WBUT curriculum	Name of the Equipment/Items required as per the Experiment	Name & No. of the existing Equipment to meet up the requirement (if any)	Name of the new Equipment to meet up the requirement with specifications	Remarks/Justification
Civil Engineering	Soil Mechanics Lab.-(CE493)	Determination of Specific Gravity of Cohesionless and Cohesive Soil.	1. Pycnometer.	4 nos.	1. Pycnometer - 2 nos.	
			2. Wash bottle.	8 nos.	2. Wash bottle - 2 nos.	
			3. Density bottle.	5 nos.	3. Density bottle - 1 no.	
			4. Distilled water	Consumed.	4. Distilled water - 10 lit.	
		Determination of Shrinkage limit	1. Shrinkage limit Apparatus.	1 no.	1. Shrinkage limit Apparatus - 1 no.	
			2. Mercury			
		Determination of Co-efficient of permeability by Constant head and variable head permeameter	1. universal Combination permeameter.	1 no.		
			2. Grease.	2nos.	1. Grease - 6 nos.	
						Mercury is extremely necessary for carrying out this experiment.



Signed _____
 as per the
 Instructions (1/1 of
 college)

**Demand of Equipment
Even Semester 2016-2017**

Name Of the department	Name of the laboratory	Name of the experiment as per the MAKAUT/VBUT curriculum	Name of the Equipments/Items Required as per the Experiment	Name & No. of the existing Equipment to meet up the Requirement	Name of the new equipment to meet up the requirement with specification	Remarks/ Justification
Civil Engineering Department	Highway & Transportation Laboratory (CE 691)	8. Softening point of Bitumen	1. Ring & Ball Apparatus	1 no.	1 no.	
			2. Thermometer	1 no.		
			3. Heater	2 nos.		
			4. Glass beaker (500 ml)	1 no.	1 no.	
		9. Flash & Fire Point	1. Flash & Fire point Device	1 no.		
			2. Thermometer	1 no.	1 no. (range 350 C, min range 0.1 C)	
		10. Stripping value test	1. Glass Beaker (500 ml)	1 no.	1 no.	
			2. 12.5 mm sieve	2 nos.		
			3. 10 mm sieve	2 nos.		
			4. Balance Capacity 10kg	1 no.		
			5. Mixer	1 no.		
			6. Water Bath	1 no.		
		11. CBR Test	1. CBR Apparatus	1 no.		
			2. CBR Mould	1 no.		
		12. Marshal Stability Test	3. Light Compaction Hammer	1 no.		
			1. Marshall apparatus	1 no.		
		13. Benkelmen Beam Test	2. Sample Preparing Apparatus	1 no.		
			1. Benkelmen Apparatus	1 no.		

Consumable Items For Highway & Transportation Laboratory

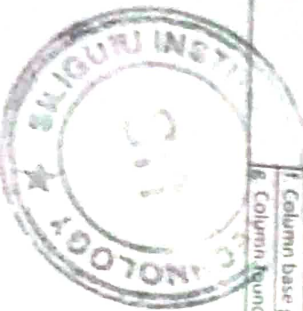
1. Kerosene oil: Required 5 ltrs.



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Demand Equipment [even semester 2016-17]

Name of the Department	Name of the Laboratory	Name of the experiment as per the MAKUT/WBUT curriculum	Name of the Equipment/Items required as per the Experiment	Name & No. of the existing Equipment to meet up the requirement (if any)	Name of the new Equipment to meet up the requirement with specifications	Remarks/Justification
Civil Engineering	Detailing of R.C & Steel Structure, (CE-692)	1. Design & detailing of a i) simply supported R.C.C Beam ii) Continuous T-Beam.				
		2. Design & Detailing of columns, isolated and combined footing				
		3. Design & detailing of a i) simply supported one way slab ii) One way Continuous slab.				
		4. Design of different units: Slab, beam column, roofing and staircase from floor plan of a multistoried frame building, typical detailing of a two way floor slab.				
		5. Design & drawing of the following components of a roof truss: STEEL STRUCTURE				
		a. Members of the roof truss.				
		b. Joints of the roof truss members				
		c. Purlins				
		d. Gable bracings				
		e. Column with bracing				
		f. Column base plate				
		g. Column foundation				



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Drawing Board with stand

30 Nos.

6 nos. Drawing Board with stand
Spec: 2' x 3'

[Handwritten signature]
26.10.2017

Demand Equipment (even semester 2016-17)

Name of the Department	Name of the Laboratory	Name of the experiment as per the MAKUT/WBUT curriculum	Name of the Equipment/Memo required as per the Experiment	Name & No. of the existing Equipment to meet up the requirement (if any)	Name of the new Equipment to meet up the requirement with specifications	Remarks/Justification
Civil Engineering	CAD LAB, CE-4093	A. Introduction and important features of software dealing with analysis and design of structures. B. Analysis and design of a multistoried building using software. Preparation of detailed drawings of different structural elements including ductility, detailing RCC Slab, beam, column and footing design.	Computer	28 nos (CPU, Monitor, Keyboard & Mouse) 28 nos (CPU, Monitor, Keyboard & Mouse)	12 nos Computer (4 GB of RAM)	



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Rajon Kaley
26/10/16


 Dr. Sourav Kar
 Coordinator, DESH
 Siliguri Institute of Technology

Department of Engineering Sciences & Humanities (PHYSICS Section)	Physics I	Physics II	Experiment		Equipment to meet up the requirement (if any)	Additional equipment required for the experiment	Estimated cost of the experiment
			Experiment	Equipment to meet up the requirement (if any)			
	Physics I		Determination of Thermal Conductivity of a good conductor by Searle's method	Searle's method apparatus set-up, thermometer (two ranging from 0.5°C and two ranging from 0.1°C), beakers, measuring cylinder,	0	Searle's method apparatus set-up, thermometer (two ranging from 0.5°C and two ranging from 0.1°C), beakers, measuring cylinder,	2 nos. required
			Determination of Thermal Conductivity of a bad conductor by Lee's and Charlton's method.	Lees apparatus, Steam generator, two thermometers, scale, balance, circular rubber disc, weight box	0	Lees apparatus, Steam generator, two thermometers, scale, balance, circular rubber disc, weight box	2 nos. required
			Determination of band gap of semiconductors.	Semiconductor, thermometer, Power supply for four probe set up, oven	1	Semiconductor, thermometer, Power supply for four probe set up, oven	2 nos. required
			Determination of Stefan's radiation constant	Full experimental kit, diode	1	Full experimental kit, diode	1 nos. required
	Physics II		To study current-voltage characteristics, load response, areal characteristics and spectral response of photo voltaic solar cells.	Full experimental set up	0	Full experimental set up	2 nos. required
			Determination of dielectric constant of a given dielectric material.	Audio generator, Digital Voltmeter, Dielectric constant measuring set up, various types of capacitor (eg: gold	1	Audio generator, Digital Voltmeter, Dielectric constant measuring set up, various types of capacitor (eg: gold plated, aluminum, glass).	2 nos. required



SILKARI INSTITUTE OF TECHNOLOGY

Minutes of the Meeting of the Purchase Committee held on 9th October, 2015 in the Conference Room SIT.

Members Present:

- 1. Mr. S. K. Choudhary - In the Chair
- 2. Mr. A. K. Singh
- 3. Mr. P. K. Singh
- 4. Mr. C. K. Singh
- 5. Mr. D. K. Singh
- 6. Mr. E. K. Singh
- 7. Mr. F. K. Singh
- 8. Mr. G. K. Singh
- 9. Mr. H. K. Singh
- 10. Mr. I. K. Singh

The following resolutions have been made in the meeting:

- 1. Chairperson welcomed the members and all the members of the committee in the meeting.
- 2. Chairperson readout the minutes of the last meeting and the same has been confirmed by all.
- 3. Purchase requisitions of the departments were approved by the committee.
- 4. It is discussed in the meeting that before requisition for procurement of any material all the departments coordinators are requested to coordinate with other departments if there is any inter-departmental work.
- 5. It was also decided that after receiving the materials and equipments proper calibration should be done by the departments before handing over the documents to the vendor.

The meeting was held in the meeting room and ended with vote of thanks of the chair.



[Signature]
Chairperson
Purchase Committee, SIT

SILIGURI INSTITUTE OF TECHNOLOGY
ATTENDANCE SHEET

Sl.No.	Name	Signature
1.	Dr. S Ray Chaudhuri	
2.	Mr. J. Guha	<i>J. Guha</i>
3.	Mr. N. Banik	<i>N. Banik</i>
4.	Dr. Arindam Ray	<i>Arindam Ray</i>
5.	Mr. D. Basu	<i>D. Basu</i>
6.	Mr. P. Roy	<i>P. Roy</i>
7.	Mr. S. Sarkar	<i>S. Sarkar</i>
8.	Mr. K. Dutta	<i>K. Dutta</i>

Dati - 9/10/11



SILIGURI INSTITUTE OF TECHNOLOGY

Minutes of the Meeting of the Purchase Committee held on 17th May, 2015 in the Conference Room of SIT.

Members Present:

1. Mr. B. Ray (Chairman): In the Chair
2. Mr. J. Choudhury
3. Mr. N. Banik
4. Dr. A. Ray
5. Mr. D. Haan
6. Mr. P. Ray
7. Mr. S. Sarkar
8. Mr. K. Dutta

The following decisions have been made in the meeting:

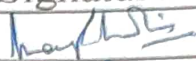
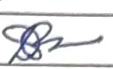
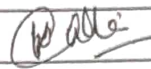
1. Chairperson started the proceedings of the meeting.
2. Chairperson welcomes all the members of the committee in the meeting.
3. Chairperson readout the minutes of the last meeting and the same has been confirmed by all the Members.
4. Purchase proposals of the different departments was discussed in the meeting and it was resolved that the proposal was approved.

There is no agenda to discuss the meeting ended with vote of thanks of the chair.


Chairperson
Purchase Committee, SIT

SILIGURI INSTITUTE OF TECHNOLOGY

ATTENDANCE SHEET

Sl.No.	Name	Signature
1.	Dr. S Ray Chaudhuri	
2.	Mr. J. Guha	
3.	Mr. N. Banik	
4.	Dr. Arindam Ray	
5.	Mr. D. Basu	
6.	Mr. P. Roy	
7.	Mr. S. Sarkar	
8.	Mr. K. Dutta	
		

Date - 8/5/15

SILIGURI INSTITUTE OF TECHNOLOGY

NOTICE

Date: 04/05/2015

A Meeting of the **Purchase Committee** of Siliguri Institute of Technology will be held on 8th May, 2015 at 4:30 p.m. in the Conference Room of SIT.

All the Members of the Committee are requested to present in the meeting for discussion on the following agenda.

- Discussion on the purchase proposals of different departments.
- Miscellaneous.



[Signature]
Chairperson 4.5.15
Purchase Committee
Siliguri Institute of Technology

SILIGURI INSTITUTE OF TECHNOLOGY

NOTICE

In view of the Odd semester 2015 all are requested to submit their departmental requisition to the undersigned for placing it to the purchase committee for approval.

Date: 06/04/2015

Proper action in this regard is solicited.


Dr. S. Ray Chaudhuri 6/4/15

Director

Siliguri Institute of Technology

Cc: To All HODs, Administrator



RECEIVING


6/4/15


6/4/15

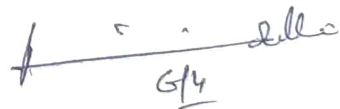

6/4



For Admin




C. U. Naha


6/4

