



**Gautam Buddha University**  
(Established by UP Act (9) of 2002)

डा० प्रभात कुमार,  
आई.ए.एस.  
मण्डलायुक्त, मेरठ मण्डल/  
कुलपति

संख्या-जी.बी.यू.-002/प्रशा०/2.1/  
2017-374-

दिनांक 07 अक्टूबर, 2017

अवगत कराना है कि गेटर नोएडा में उत्तर प्रदेश सरकार के स्वामित्व में गौतम बुद्ध विश्वविद्यालय का निर्माण किया गया है। इस विश्वविद्यालय को सेन्टर ऑफ एक्सीलेंस के रूप में विकसित किया जा रहा है। इस विश्वविद्यालय में सिविल इंजीनियरिंग विभाग वर्ष 2011 में प्रारम्भ किया गया था एवं इस विभाग में टेस्टिंग के लिए स्थापित प्रयोगशालाओं में आधुनिक उपकरण एवं प्रशिक्षित कार्मिक उपलब्ध हैं। विश्वविद्यालय के माध्यम से निम्न परीक्षण कराये जा सकते हैं:-

Sr. No.	Test
1.	All physical test of steel, Bricks, Paver Blocks, cement, coarse and fine aggregates
2.	Cement concrete mixed design/ cube test

पत्र के साथ परीक्षणों की दर सूची एवं अन्य शर्तें संलग्न कर इस अनुरोध के साथ प्रेषित हैं कि कृपया ग्राम्य विकास विभाग तथा अन्य योजनाओं के अन्तर्गत संचालित विभिन्न निर्माण कार्यों से सम्बन्धित आवश्यक परीक्षण गौतम बुद्ध विश्वविद्यालय की सिविल इंजीनियरिंग की प्रयोगशाला से कराने हेतु समस्त सम्बन्धित कार्यवाही संस्थाओं को निर्देशित करने का कष्ट करें।

उक्त टेस्टिंग का विवरण विश्वविद्यालय की आधिकारिक वेबसाईट [www.gbu.ac.in](http://www.gbu.ac.in) पर उपलब्ध हैं तथा इस सम्बन्ध में विभागाध्यक्ष, सिविल इंजीनियरिंग डा० शिल्पापाल से दूरभाष न० 8800325860 अथवा डा० शोभाराम से दूरभाष न० 9958294505 पर सम्पर्क किया जा सकता है।

संलग्नक:- यथोपरी।



जिला अधिकारी  
मेरठ/बागपत/गाजियाबाद/गौतम बुद्ध नगर/ बुलन्दशहर/ हापुड  
उत्तर प्रदेश

(डा० प्रभात कुमार)

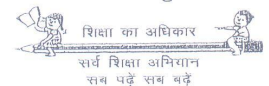
प्रतिलिपि:-

1. समस्त मुख्य विकास अधिकारी, मेरठ मण्डल, उत्तर प्रदेश को सूचनार्थ एवं आवश्यक कार्यवाही हेतु।
2. निदेशक (कार्य) को सूचनार्थ एवं आवश्यक कार्यवाही हेतु।
3. सिस्टम मैनेजर, सेंट्रल कम्प्यूटर सेंटर को विश्वविद्यालय की वेबसाईट पर अपलोड करने हेतु।
4. अधिष्ठाता, स्कूल ऑफ इंजीनियरिंग को सूचनार्थ।

Greater Noida, Distt. Gautam Budh Nagar, Uttar Pradesh -201312

Ph. : +91-120-2344200, Fax : +91-120-2344205 & 215, E-mail : [info@gbu.ac.in](mailto:info@gbu.ac.in), Website : [www.gbu.ac.in](http://www.gbu.ac.in)

बेटी बचाओ। बेटी पढ़ाओ।  
पढ़ी लिखी बेटी। रोशनी घर की।



ANNEXURE-VII

## CONCRETE AND MATERIAL TESTING LABORATORY TESTING FACILITY AND RATES

S.NO.		DESCRIPTION OF TEST		Rates Proposed in Civil Engg at GBU in RS	
		<u>TEST ON CEMENT</u>			
		Compressive Strength of cement with casting, curing, testing			
		(a) One set of 3 nos. at 3 days		1000	
		(b) One set of 3 nos. at 7 days		1000	
		(c) One set of 3 nos. at 28 days		1000	
		Consistency		500	
		Setting time(initial and final)		500	
		Fineness		500	
		Soundness		500	
		Specific Gravity			
		<u>COARSE AND FINE AGGREGATES</u>			
		Specific Gravity		1500	
		Sieve Analysis		1000	
		Bulk Density		1000	
		Fineness Modulus		1000	
		Water Absorption		1500	
		Aggregate Crushing test		1200	
		Flakiness index of coarse aggregates		1200	
		Elongation Index of coarse aggregates		1500	
		Aggregates impact test			

	Bulking of sand	1000	
	CONCRETE SAMPLE		
	(A) Cube Compressive Strength Test (Min 3 nos.)	1500	
	(B) MIX DESIGN UPTO M30	15000	
	(C) MIX DESIGN ABOVE M30	20000	
	BRICK		
	Water absorption test + compressive strength test + efflorescence test (for a set of 10 units)	1800	
	NON DESTRUCTIVE TESTING ON CONCRETE		
	Concrete Strength By Rebound Hammer Tester Per Location	1500	
	Concrete Strength By Ultra Sonic Concrete Tester Per Location	1500	
	STEEL		
	Physical test – yield strength, ultimate strength, percentage elongation	5000	
	INSTRON UTM 1000kN		
	Three Point Bend Test For Beam Size 150 x 150 x 750 MM	10000	
	Design Consultancy		As per invoice by the P.I. (Principal Investigator)



**SCHOOL OF ENGINEERING**  
**GAUTAM BUDDHA UNIVERSITY**

**ENVIRONMENTAL ENGINEERING LABORATORY, CIVIL ENGINEERING DEPARTMENT**  
**Water, Wastewater, Microbiological, Ambient Air Quality testing charges**

Sr. No.	Parameters	Rates Proposed in Civil Engineering Department, SoE, GBU Charges (Rs)
1	Colour	500=00
2	Odour	500=00
3	Turbidity (NTU)	500=00
4	Chlorine	500=00
5	Temperature of Liquid Sample	500=00
6	Electrical conductivity	500=00
7	Salinity (%)	500=00
8	pH	500=00
9	Total dissolved solids (ppm)	500=00
10	Physical Appearance	500=00
11	Total solids (ppm)	500=00
12	Total suspended solids (ppm)	1000=00
13	Nitrite (ppm)	500=00
14	Fluoride (ppm)	500=00
15	Total Hardness as CaCO <sub>3</sub> (ppm)	500=00
16	Chloride as Cl (ppm)	500=00
17	Sulphates as SO <sub>4</sub> (ppm)	500=00
18	Sulphide (ppm)	500=00
19	Ammonical nitrogen (ppm)	1000=00
20	Iodine (ppm)	500=00
21	Bromine (ppm)	500=00
22	Residual Chlorine (ppm)	500=00
23	Acidity	1000=00
24	Alkalinity	1000=00
25	Chromium (Total) (ppm)	1000=00
26	BOD	1000=00
27	COD	1000=00
28	UV Absorbency	500=00
29	Aluminum	1000=00
30	Ammonia	1000=00
31	Arsenic	1000=00
32	Barium	1000=00
33	Boron	1000=00
34	Bromine	500=00
35	Cadmium	1000=00
36	Chloride	1000=00
39	Chromium, Total	1000=00
40	Cobalt	1000=00
41	Copper	500=00
42	Cyanide	1000=00
43	Cyanuric Acid	500=00
44	Detergent/ Surfactants MBAS	
45	Dissolved Oxygen	

46	Fluoride	1000=00
47	Iron,	1000=00
48	Lead	1000=00
49	Manganese	1000=00
50	Mercury	1000=00
51	Molybdenum	1000=00
52	Nickel	500=00
53	Nitrate	500=00
54	Nitrite	1000=00
55	Nitrogen, Total	500=00
56	Organic Constituents	500=00
57	Phosphorus, Acid Hydrolyzable	300=00
58	Phosphorus, Reactive (Orthophosphate)	500=00
59	Potassium	1000=00
60	Zinc	1000=00
61	Phenols	1000=00
62	Silver	500=00
63	Sulfate	500=00
64	Volatile fatty Acids	

Sr. No.	Parameters	NIT Surat Analysis Charges (Rs)	Proposed GBU Charges (Rs)
1	Ambient Air monitoring SO <sub>2</sub> , NO <sub>2</sub> , SPM, RSPM	Per Hr 8000=00	Per 8 Hrs per location 8000=00

Microbiological Analysis

S. No.	Test	NIT Surat Analysis Charges (Rs)	Proposed GBU Charges (Rs)
1	Total Plate Count	500=00	1500=00
2	E. coli confirmation test	800=00	1500=00
3	MPN counts	800=00	1500=00
4	Enterococci	800=00	1500=00

CONSULTANCY: The charges for the consultancy will be decided by the faculty members looking into magnitude of the work and type of work desired by the client. The invoice for the same will be given by the concerned faculty member.

1. There shall be minimum two numbers of faculty members for each consultancy and testing
2. For all types of testing/consultancy services written request with all relevant details should be submitted to the Head of the department through Dean of the Concerned School.
3. Testing Charges : Minimum analysis charges per sample = Rs 5,000 + Service tax as applicable
4. The letter should be addressed to Registrar, GBU through proper channel and the demand draft should be in the favor of Registrar, Gautam Buddha University, Greater Noida (cash is not accepted)
5. Contact Person: Dr. Athar Hussain Lab Incharge, Environmental Engineering Lab, Civil Engineering Department, Gautam Buddha University, Greater Noida, U.P. 201312.
6. Please follow the relevant procedure (IS code/ standard method) for sampling, preservation and transportation of the samples. Minimum volume of sample required :
  - (i) 5 Litre (new Plastic container /Jerry Can)
  - (ii) 100 mL (Sterilized bottle for bacteriological testing)
7. Drinking water samples will not be accepted one day before a scheduled holiday. Laboratory will not remain open on Sunday and other Govt. holidays.
8. Following information may please be furnished in the request letter
  - (i) Date and time of sample collection
  - (ii) Source of the sample
  - (iii) Sample collected by
  - (iv) Details of enclosed demand draft with covering letter
  - (v) Normally report of analysis will be sent through registered /speed post, address for delivery for the same should be clearly mentioned in the letter along with the pin code number, phone number, email id if any.
9. If the samples are to be collected by GBU staff a minimum amount of Rs 5000 would be charged per visit.
10. Facilities are available for analysis of above parameters in drinking water at the time analysis, some parameters may not be analysed due to not functioning of our sophisticated instruments. Time required approximately one month for the analysis of above mentioned parameters.