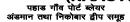अंडमान तथा निकोबार प्रशासन
ANDAMAN & NICOBAR ADMINISTRATION
डॉ. भीमराव अंबेडकर प्रौद्योगिकी संस्थान
Dr. B.R. AMBEDKAR INSTITUTE OF TECHNOLOGY
(NAAC ACCREDITED)
पहाड़ गाँव पोर्ट ब्लेयर   PAHARGAON, PORT BLAIR- 744103
अंडमान तथा निकोबार द्वीप समूह   **ANDAMAN & NICOBAR ISLANDS**

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BUREAU VERITAS
1828

Recruitment Notice for Guest Lecturers in DBRAIT

Selected candidates shall be eligible for an amount of Rs.1000/- per hr for theory and Rs.500/- per hr for practical classes not exceeding Rs.25,000/- per month for Guest Lecturer (Diploma Program) as per the A & N Administration Order No. 1993 dated 11th July 2023 . Selection will be based on the performance of the candidates in the Demo theory and practical class. The venue for theory demo will be LANGUAGE LAB of the Institute.

S. No.	Details of requirement	Educational Qualification	Date and time	
			Practical	**Theory**
1	Guest Lecturer (Civil)	First class B.E./B.Tech., from recognized university in relevant course	20.07.2023 9:30 am to 11:30 am	20.07.2023 1:30 pm to 2:00 pm
2	Guest Lecturer (CO/IT)			20.07.2023 2:00 pm to 2:30 pm
3	Guest Lecturer (Electrical)			20.07.2023 2:30 pm to 3:00 pm
4	Guest Lecturer (HM)	First class Degree in Hotel Management & Catering Technology with 1 year Experience **Or** First class Diploma in Hotel Management and catering technology with 2 years' experience		20.07.2023 3:00 pm to 3:30 pm

--Sd --

Dean (Academics)

अंडमान तथा निकोबार प्रशासन
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DEMO TOPICS FOR GUEST FACULTY SELECTION PROCESS FOR THE SESSION 2023-24 (ODD SEM)

S.NO.	DEPARTMENT	DEMO TOPIC	
		THEORY	**PRACTICAL**
1	CIVIL (GL)	Concrete Technology: properties of concrete, methods of testing, mix design	Concrete Tehnology:test for aggregates (course & fine), test for cement, test for concrete
		Public Health Engg: calculation of water demand, quality of water, primay & secondary treatment of water	Public Health Engg: test for physical properties of water, test for chemical properties of water
		Highway geometrics, pavement construction, road maintenance	Surveying: chain surveying, compass surveying, levelling
2	EE (GL)	Mesh/Nodal analysis	Verification of Kirchoff's Law.
		RLC series circuit & circuit resonance	Measurement of power in single phase AC Circuit.
		Measurement of single phase power using dynamometer wattmeter	Measurement of three phase power by two Wattmeter method
		Construction & working principle of transformer	Load test on single phase transformer
		Parallel operation of transformer	Open circuit and short circuit test in single phase transformer.
		Voltage regulation of alternator	Load test on three phase induction motor.
		Construction & working of Buchholz Relay	Staircase wiring.
		Different types of line insulators in transmission & distribution system	Go down wiring
		Different types of three phase induction motors	Straight joint and T-joint
		Over current & earth fault protection of alternators	Starting and running of single phase induction motor in forward and reverse direction
3	CO/IT (GL)	Principle of database: normalization, ER model	Advance Java programming: write programme to implement chat server using server socket & socket class, design form with components list, choice, label, checkbox, text field.
		Advance java programming: socket programming, AWT	Client side scripting: develop java script to implement function, develop web page for creating session & persistent cookies
		Cleint side scripting: Function, cookies	Applied multimedia techniques:design wallpaper showing water drop effect of an image, design poster using different text effect, develop web page which shows animation with sound effect
		Data structure: stack queue	Data structure - radix sort, binary searching
		Computer graphics: windowing clipping	Computer graphics: DDA, Brehenham's algorithm
		Operating system: memory management	OS: CPU scheduling (FCFS)
		Software testing: test management, defect management	Workshop practice: assemble & dissemble of various part of computer system
		Object oriented programming using C++: inheritence and its types	OOP using C++: implementing concept of multiple inheritences based on the given scenario, implement concept of copy constructor
		Advance Computer network: IP addressing, transition from IPv4 to IPv6	Advance Computer Network: configure OSPF & RIP using packet tracer, establish cleint-server arhitecture using IPv6 addressing in packet tracer
		Database management system: triggers, transaction, processing	DBMS:implement trigger for insert, updating & deleting from the data base, design database on the given requirement &execute required DML commands by follwing referntial integrity constraints if required

4	HOTEL MANAGEMENT (GL)	Food Production: methods of cooking, menu planning, kitchen stewarding, Herbs, Oriental cuisine, continental cuisine, frozen desserts, fish cookery, salad dressing & salads, stocks & sauces	Plan & prepare a 03 course menu of your choice which should include a starter veg/non veg, one main course & a dessert
		Food & Beverage service: wine classification, meals, Gin (production & examples), gueridon services, types of service, alcoholic beverage, function catering, wines of france, tobacco, distillation of sprits	Plan & prepare a 05 course continental menu & lay the table according to it
		Housekeeping: checkout & guest bill settlement, laundry, contract cleaning & renovation, interior designing, importance of selling & techniques, flower aggrangement, ecotels, polishes & polishing types used in Hotel industry, housekeeping organization chart for different types of hotels, laundry cycle	Prepare a flower arrangement as per the theme given
		Front Office: Types of hotel, types of keys, check in check out procedures, guest cycle, reservation modes and sources, types of rooms, duties & responsibilities of front office staff, food plan & modes of payments, front office organization, night auditing & role of night auditor	Plan & prepare a role play for a fussy guest