



सरकारी बहुशिल्प संस्थान डिग्लीपुर
GOVT. POLYTECHNIC DIGLIPUR
 अंडमान तथा निकोबार प्रशासन
 Andaman & Nicobar Administration

Recruitment notice for Guest Lecturer Even Semester (2025-26) for
Govt. Polytechnic Diglipur

The Govt. Polytechnic Diglipur will be engaging Guest Lecturer and Part Time Instructor for Diploma program. The candidates who possess the under mentioned education qualification and who are willing to work may attend the walk-in interview in below mentioned time and venue with relevant document. Preference will be given to Diglipur candidates. The candidates shall report to Academic Cell, DBRAIT 30 mins prior to the schedule time as mentioned below:

Sl.No	Name of the Post	Qualification	Date & Time
1.	Guest Lecturer- (Civil Engineering)	First Class B.E./B.Tech from recognized University in relevant course.	Govt. Polytechnic Diglipur, dt. 17-01-2026 time: 09:00 am
2.	Guest Lecturer- (Computer Science & Engineering)		
3.	Guest Lecturer- (Physics / Chemistry)	First class in Master's Degree in appropriate subject with first class at Bachelor's level	
4.	Part Time Instructor- Civil	Bachelor Degree in relevant field from a recognized university OR Diploma in relevant field from a recognized university/ Board OR Senior secondary pass(10+2) in Science subject from a recognized educational/ Technical Institution	
5.	Part Time Instructor- CSE	OR Senior secondary pass (10+2) with vocational course certificate in an appropriate trade with 3 years practical experience	
6.	Part Time Instructor- Physical Education	Degree in Physical Edn. from recognised University OR Diploma in Physical Edn. with 02 years' experience as Physical Training Instructor from recognised Institute	

The selection will be based on the performance of candidate in the demo class/ interview. The demo topic will be downloaded from the website <https://dbrait.andamannicobar.gov.in>. For any queries candidates may contact Govt. Polytechnic Diglipur Campus at GMSSS Sitanagar, Diglipur or Academic cell of DBRAIT, Port Blair. The selected Guest Lecturer shall be paid a remuneration of max. of Rs. 1000/- per theory period and Rs. 500/- per practical period, subject to a maximum ceiling of ₹25,000/- per month. The selected Part time instructor shall be paid a remuneration of max. of Rs. 750/- per day, subject to a maximum ceiling of ₹18,000/- per month.

Principal I/c, GPD

प्रधानाचार्य / Principal

सरकारी बहुशिल्प संस्थान डिग्लीपुर

GOVERNMENT POLYTECHNIC DIGLIPUR

मल्ल तुरा मध्य अंडमान 744202

North & Middle Andaman 744202

GOVT. POLYTECHNIC DIGLIPUR

DEMO TOPICS FOR GUEST LECTURER (GL) SELECTION PROCESS FOR THE SESSION 2025-26 (EVEN SEM)

S. No.	DEPARTMENT	DEMO TOPIC	
		THEORY	PRCATICAL
1	Diploma Civil (GL)	Area Calculations of field by cross staff	Basic Surveying: Chain surveying, Compass surveying and Leveling
		Compass Traversing: open and closed.	Water and waste water engineering: Physical and chemical parameters
		Local attraction, Methods of correction of observed bearings-Correction at station and correction to included angles	Construction Material testing and concrete Laboratory: Test for cement, fine aggregates ,coarse aggregates , concrete and steel
		Various types of Pressure	
		Pressure measuring devices	
		Types of Fluid Flow	
		Estimating, Types and purpose, costing, Administrative Approval, Technical Sanction and Budget provision.	
		Preparing rate analysis of different items of work: PCC, RCC work in (column, beam, lintel, slab), brick masonry, stone masonry, Vitrified tile flooring, plastering.	
		Methods of Calculation of Depreciation	
		Water Softening Methods	
		Pipe Network System	
		Sewer Appurtenance	
2	Diploma CO/IT (GL)	Fundamentals of Cryptography: Symmetric and Asymmetric Cryptography	Prepare and test straight and test cable
		Steganography	Write a C program to implement Caesar cipher technique to perform encryption and decryption of text
		TCP/IP Model	Write a C program for parity check error detection
		Subnetting (Classful & Classless)	Preperation of result sheet in excel
		User requirements & its Analysis Techniques	Write a C program to craetes strong password authentication [password should be more than 8 characters and combination of digits, letters and special character (#, %, &, @)]
		Generative AI	
		Blockchain Technology	
		Need and features of Android	
		Android architecture framework	
		Acceptance testing : Alpha, Beta testing	
		Regression testing	

3	Physics (GL)	Types of moduli of elasticity	Determination of Young's modulus of given wire.
		Newton's laws of motion, and their applications	Determination of force constant using helical spring
		Stress -Strain diagram, Poisson's ratio, factors affecting elasticity	Determination of acceleration due to gravity by using simple pendulum .
		Resonance , Application of resonance	Determination of I-V characteristics of photoelectric cell.
		Ultrasonic waves, properties of ultrasonic waves.	Determination of I-V characteristics of LDR.
4	Chemistry (GL)	Metallurgy and its different steps	To determine the pH value of solutions using pH meter and universal indicator
		Definition of Corrosion, its mechanism, types and methods of protections	Determine thinner content in oil paint
		Protective coating and its types in terms of corrosion	Identification of Cation in given salt sample
		Waste water treatment.	Identification of Anion in given salt sample
		Hardness of water, its types and methods of removal	Estimation of available chlorine in bleaching powder
		Chemical Bonding- Ionic, covalent and Coordinate bonds	Estimate the chlorine content of given water sample
		Polymers, its classification and applications.	Estimation of magnesium by EDTA
		Desalination process – reverse osmosis and electrodialysis	Determination of carbonates and bicarbonates in water

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DEMO TOPICS FOR PTI SELECTION PROCESS FOR THE SESSION 2025-26 (EVEN SEM)

S. No.	DEPARTMENT	
		PRCATICAL
1	CO/IT (PTI)	Network Cabling
		Setup wifi
		Assemble & dissemble of various parts of computer system
		OS installation
		C Program on pointer, structure & file management
		C Programming using Array
		C Programming using Structures
		C Programming using Pointer
		Mail Merge
		Preperation of results sheet in excel
2	Diploma Civil (PTI)	Basic Surveying: Chain surveying, Compass surveying and Leveling
		Water and waste water engineering: Physical and chemical parameters
		Construction Material testing and concrete Laboratory: Test for cement, fine aggregates ,coarse aggregates , concrete and steel
3	Physical Education (PTI)	a) Volleyball (Fingering/ Service/Underarms/ Smashing) b) Badminton (The game skill) c) Table tennis (The game skill) d) Sit-ups (dips/ Shuttle run/ each nos in 30 seconds per activity) e) Interview (General knowledge of Sports/ Physical education)