

अंडमान तथा निकोबार प्रशासन ANDAMAN & NICOBAR ADMINISTRATION डॉ. भीमराव अंबेडकर प्रौद्योगिकी सस्थान Dr. B.R. AMBEDKAR INSTITUTE OF TECHNOLOGY

(NAAC ACCREDITED) पहाड गाँव पोर्ट ब्लेयर PAHARGAON, POR PAHARGAON, PORT BLAIR- 744103 ANDAMAN & NICOBAR ISLANDS



RECRUITMENT NOTICE

अंडमान तथा निकोबार द्वीप समूह

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 AP (for Degree Programs) and for Part Time Instructor, Rs.150/- per hr for the practical classes not exceeding Rs.10,000/- per month (for Degree Programs). Selection will be based on the performance of the candidates in the practical class.

S.	Dept	Educational Qualification	Date and Time	
N.			Practical	Theory
1	GAP (Civil)	B.E./B.Tech., and M.E./M.Tech, in relevant course from recognized university with first class or equivalent either in B.E./B.Tech., and M.E./M.Tech	21.02.2023 9:30 am to 12:30 pm	21.02.2023 01:30 to 02:00pm
2	GL(ME)	First class B.E./B.Tech., from recognized university in relevant course	21.02.2023 9:30 am to 12:30 pm	21.02.2023 02:00 to 02:30pm
3	Part time Instructors (CSE)	Bachelor Degree of Engineering in the respective field from a recognised University OR Diploma in respective field from a recognised Educational/Technical institution. OR Senior secondary pass(10+2) with vocational course certificate in an appropriate trade with 3 years practical experience OR 10th passed with ITI in the relevant field passed from a recognised Institute/ Board with 3 years' experience	21.02.2023 9:30 am to 12:30 pm	

Dean (Academic)

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TOPICS FOR GUEST AP

DEPARTMENT	TOPICS	PRACTICAL
GAP (Civil)	1. Bending stress	Determination of quality of water
	2. Moment distribution method	2. Test on cement
	3. Environmental Engg transportation of sewage	3. Test on aggregate
	4. Activated sludge process	4. Tacheometric survey
	5. Flocculators	5. Compass surveying
	6. Contour surveying	Levelling
	7. Tacheometric surveying	
	8. One dimensional consolidation	
	9. Workability of concrete	
	10. Hydration of cement	
GL (ME)	Angle of projections (first and third)	1. Conic sections.
	2. Development of surfaces	2. Isometric projections.
	3. Losses in pipeline flow	3. Orthographic projection in AUTO CAD.
	4. Mechanical drives systems	4. Verification of Bernoulli's Theorem.
	5. Theories of failure	5. Determination of friction factor.
	6. Second law of thermodynamics	6. Linear measurement of Vernier Calliper.
	7. Working principle of Differential unit	7. Angular measurement by sine bar and slip gauges.
	8. Working of Electro Discharge Machining (EMD)	8. Measures screw thread's parameters using profile projector.
	9. Basic Mechatronic systems	9. Determination of MA, VR, efficiency, ideal effort and effort lost in
	10. Hydraulic & Pneumatic systems	friction state and justify whether machine is reversible or not for a
		given single purchase crab winch.
		10. Determine the MA, VR, efficiency, ideal effort and effort lost in friction
		state and justify whether machine is reversible or not for a given
		differential wheel and axle.

Demo Topics for Part Time Instructors

DEPARTMENT	PRATICAL TOPICS		
B Tech CSE	1. C Programming Lab		
	(a) Arrays and structures		
	(b) Pointers, functions, recursions		
	(c) File handling		
	2. OS Installations.		
	3. Hardware and Networking.		

Dean (Academic)