



Recruitment notice for Guest AP and Guest Lecturers

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 (Degree Program) and Rs.250/- per hr for theory and Rs.125/- per hr for practical classes not exceeding Rs. 10,000/- per month for Guest Lecturer (Diploma Program). For Part Time Instructor, Rs 150/- per hr for the practical classes not exceeding Rs.10,000/- per month. Selection will be based on the performance of the candidates in the Demo theory and practical class. The venue for theory demo will be AV Room of the Institute

S. No.	Details of requirement	Course	Educational Qualification	Date and time	
				Practical Skill Test	Theory Demo
1.	Guest AP (Mathematics)	Degree	First class Master's Degree in appropriate subject with first class or equivalent at Bachelor's or Master's level	---	12/11/2021 1:00 pm to 1:30 pm
2.	Guest AP & Guest Lecturer (English)			---	12/11/2021 1:30 pm to 1:30 pm
3.	Guest AP (Physics)			12/11/2021 9:00 am to 11:00 am	15/11/2021 1:00 pm to 1:30 pm
4.	Guest AP (Civil Engineering)		B.E./B.Tech. and M.E./M.Tech. Civil Engg. from recognized university with first class or equivalent either in B.E./B.Tech. or M.E./M.Tech	12/11/2021 9:00 am to 11:00 am	15/11/2021 1:30 pm to 2:00 pm
5.	Guest Lecturer (Computer Science / Information Technology)	Diploma	First class B.E./B.Tech. from recognized university in relevant course	12/11/2021 9:00 am to 11:00 am	15/11/2021 2:00 pm to 2:30 pm
6.	Part time Instructors CIVIL		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 10 th passed with ITI in the relevant field passed from a recognised Institute/ Board with 3 years' experience	12/11/2021 9:00 am to 11:00 am	---

Dean (Academics)



अंडमान तथा निकोबार प्रशासन
ANDAMAN & NICOBAR ADMINISTRATION
डॉ. भीमराव अंबेडकर प्रौद्योगिकी संस्थान
(NAAC ACCREDITED)
पहाड़ागोन, पोर्ट ब्लेयर
अंडमान तथा निकोबार द्वीप समूह
ANDAMAN & NICOBAR ISLANDS
Pahargaoon, Port Blair-744103



Demo topics for Guest AP and Guest Lecturer DBRAIT 2021-22

DEPARTMENT	DEGREE (Theory)	Degree (Practical)	Diploma (Theory)	Diploma(Practical)	PTI
Civil	1. Structural engineering - a) mechanics of solids - 1 - bending stresses b) structural analysis 1 - moment distribution method 2. Environmental engineering :- Transportation of sewage 3. Geotechnical engineering 1 - One dimensional consolidation	1. Determination of quality of water 2. Test on cement / aggregate 3. Tacheometric survey 4. Test of steel	1. Advance Java Programming:- Delegation Event Model, Event sources, Event Listener Socket Programming. 2. Object Oriented Programming Using C++ :- Polymorphism in C++, File Operations 3. Data Structure Using 'C' :- Tree traversal.	1. Advance Programming:- Develop Program in java for client server communication. 2. Object Oriented Programming Using C++ :- Develop programs for Operator overloading and function overloading. 3. Data Structure Using 'C' :- Develop program in C for various operations on a singly linked list. 4. Fundamental of ICT :- Mail merge 5. Workshop Practices :- Cabling, Assemble and Disassembly of PC.	1. C.T-Test for cement and aggregates 2. MOS - Test on steel 3. PHE- test for potability of water 4. Advanced Surveying tacheometric survey
CSE		i)			
Mathematic	1. Lagrange method of undetermined multipliers 2. Area by double integration and volume by triple integration 3. First order linear differential equations 4. Partial fraction of proper and improper fraction 5. Expansion of periodic function into Fourier series 6. Solutions of linear simultaneous in the three unknown by Cramer's rule 7. Point of intersection of two lines, equation of line passing through point of intersection with given condition				
English	1. Importance of public speaking 2. passage in written and spoken form 3. Preposition-usage 4. Active and Passive Voice 5. Importance Of Comprehension		9. Importance of public speaking 10. passage in written and spoken form 11. Preposition-usage		

Junglighat P.O, Pahargaoon, Port Blair, A&N Islands

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	6, 7, 8. Type of modern office equipments and gadgets Types of communication		12. Active and Passive Voice 13. Importance Of Comprehension 14. Types of sentences 15. use of modern office equipments and gadgets 16. Types of communication		
Physics	1. Ultrasonic Wave Production 2. Air wedge- Michelson's interferometer 3. concept of double refraction 4. waves -debroglie wavelength 5. Nuclear Reactor 6. Application of Hall effect in the semiconductor 7. Super conductors and its application 8. Magnetic field and magnetic field intensity	1. AIRWEDGE - Determination of thickness of given piece of sample 2. NEWTON'S RING- determination of wavelength of monochromatic light 3. YOUNGS MODULUS - determination of elasticity of a metallic wire 4. METER BRIDGE - determination of resistance of unknown resistance 5. determination of velocity of sound by resonance column			

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