Recruitment Notice for Guest AP, 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). **The candidates shall report half an hour before the scheduled time to the concerned department/Academic Cell for the selection test.**

S. No.	Details of requirement	Educational Qualification	Date and time	
			Practical	Theory
1	Guest AP (ECE)	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	28.02.2023 9:30 am to 12:30 pm	28.02.2023 1:30 pm to 2:00 pm
2	Guest AP (Civil)		28.02.2023 9:30 am to 12:30 pm	28.02.2023 2:00 pm to 2:30 pm
3	Guest Lecturer (ME)	First class B.E./B.Tech., from recognized university in relevant course	28.02.2023 9:30 am to 12:30 pm	28.02.2023 2:30 pm to 3:00 pm

Dean (Academic)

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

ISO 9001 BUREAU VERITAS Certification

DEMO TOPICS FOR GUEST LECTURER DBRAIT 2022-2023 (EVEN SEMESTER)

DEPARTMENT	THEORY	PRACTICAL
GAP (Civil)	1. Bending stress 2. Moment distribution method 3. Environmental Engg transportation of sewage 4. Activated sludge process 5. Flocculators 6. Contour surveying 7. Tacheometric surveying 8. One dimensional consolidation 9. Workability of concrete 10. Hydration of cement	1. Determination of quality of water 2. Test on cement 3. Test on aggregate 4. Tacheometric survey 5. Compass surveying 6. Levelling
GAP (ECE)	1. Digital Communication 2. Antenna & Wave Propagation 3. Embedded Systems 4. Cryptography & Network & Network Security Systems	1. Digital Communication 2. Antenna & Wave Propagation 3. Embedded Systems 4. Cryptography & Network & Network Security Systems
GL (ME)	1. Angle of projections. (Both 1st & 3rd). 2. Development of surfaces. 3. Losses in pipe line flow. 4. Mechanical drives system. 5. Theories of failures. 6. Second law of thermodynamics. 7. Working principle of differential units. 8. Working of electro discharge machining. 9. Basis mechatronics systems. 10. Hydraulic and pneumatic system.	1. Conic sections. 2. Isometric projections. 3. Orthographic projection in AUTO CAD. 4. Verification of Bernoulli's Theorem. 5. Determination of friction factor. 6. Linear measurement of Vernier Calliper. 7. Angular measurement by sine bar and slip gauges. 8. Measures screw thread's parameters using profile projector. 9. Determination of MA, VR, efficiency, ideal effort and effort lost in 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.

Dean (Academic)

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