| Day/Date | Assignment 2 | Group -19 |
|--|--|----------------------|
| ANS) In | order to have a sung | we fixed point in |
| and the second s | function is SEN E [a,b] and ge | |
| 1) 90 | 13 2 h 2 | |
| | $g(x) = \ln(6-2^{-n}-2\cos x)$ | , fulfills both of |
| thes 91 | U = 1,486 | |
| 90 | 2) = 1.88 | |
| 2. | 9[20] & [1,2] | |
| 9'(24 | 1 = ln2 +2 sinn | |
| 9'(1) | 2 (6-2 - slan) - 0-26 88 | |
| | = 0.095 | |
| ^ 4 | g/(2) < h 2 / | |
| -> Fixe | d pt method involves more | number of iteration |
| (36) | Vs Newton's Method (9) | A. Limp (M.D4A D) |
| V) (| pt methods has besser compensations method (0.137 sec) | |
| -> Since | 9(A) = P and 9(P) 70 (C | 0.14635) Order of |
| alwa | gence for fixed At 4 methods converges quadratically | od is unear. Warring |
| | | |
| | | |
| | | Gossíp! |