



ANDHRA UNIVERSITY
A.U. College of Engineering(A), Visakhapatnam

**NOTIFICATION FOR THE RECRUITMENT OF PROJECT FELLOW ON STRUCTURAL
RELIABILITY ENGINEER**

Applications are invited to fill the following position in the Department of Mechanical Engineering, A.U College of Engineering(A), Andhra University, Visakhapatnam.

Particulars	Details
Project title	"Reliability prediction of mechanical subsystems of UW vehicles"
Position	Project Fellow -I No.
Tenure	18 months
Essential qualifications	Bachelors of Engineering / Master of Technology / PhD with specialization in any of Mechanical Engineering, Structural Engineering, Naval Architecture and Marine Engineering, Ocean Engineering, Reliability Engineering, Computational Engineering, or a related discipline. First-class academic record in a IIT/NIT/Recognized University. Familiarity with structural finite element analysis and computational mechanics.
Desirable Skills	Failure Mode, Effects, and Criticality Analysis. Probabilistic reliability methods (FORM, SORM, MCS, Subset Simulation) is preferable. Limit state function authoring is preferable. Standards cross-check for structural reliability. Familiarity with probabilistic design of experiments. Standards interpretation (NSWC, NPRD, ASME, DNV, BIS BS, ISO, ASTM/OERDA).
Responsibilities	Perform and write reports on the limit state function library per failure mode. Execute reliability analyses on the outputs from Modelling and Simulation Engineer's surrogate Machine learning or Deep Learning models. Cross-check every failure mode against applicable standards. Perform literature survey and write test methodology reports for the system components.
Stipend amount per month	Rs.37,000/- + HRA

Interested candidates may send their resumes with all relevant copies of certificates to the email dr.mvjraju@andhrauniversity.edu.in of the The Principal Investigator, "Reliability prediction of mechanical subsystems of UW vehicles" (Funded by NSTL), Dept. of Mechanical Engineering, Andhra University, Visakhapatnam- 530003. A.P on or before **15/10/2026**. Candidates have to attend the interview with all original certificates. Date and time of interview will be intimated to the shortlisted candidates in due course of time.

Note: No TA and DA will be paid to attend the interview.


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