



WORK OFFER

Ref. No. BD-2021-AED-04

Employer Information

Employer: COLLEGE OF AVIATION TECHNOLOGY/ NATIONAL UNIVERSITY BANGLADESH AERONAUTICS
UTTARA
1230 Dhaka
Bangladesh

Website: www.nu.ac.bd

Location of placement: DHAKA
Nearest airport: DHAKA
Working hours per week: 15.0
Working hours per day: 3.0

Number of employees: 50
Business or products: RESEARCH & INNOVATION

Student Required

General Discipline: MECHANICAL ENGINEERING
Field of Study: Aerospace, Aeronautical and Astronautical/Space Engineering.; Engineering Mechanics.; Mechanical Engineering.; Mechatronics, Robotics, and Automation Engineering.

Completed years of study: 2
Student status requirements: Required during the whole period of internship

Language required: English Good (B1, B2)

Required Knowledge and Experiences:

CAD design skills
Critical thinking
Critical analysis
Project management skills
Timing & excellent communication skills
Excellent presentation skills with good in power point

Other requirements:

Laptop
Good internet connection
Availability to commit 5 hours per day to develop tasks
Student should have very good skills in AutoCAD, CATIA & ANSY

Work Offered

Design a NEXT GENERATION FLYING VEHICLE & its JET ENGINE for commercial air transportation civil aviation Service. Implementation of Innovation in Future Aviation & Aerospace.

What would you do?

- Design and analysis of NEXT GENERATION FLYING VEHICLE
- Computational Aerodynamics Dynamics
- Calculation of L/D ratio in different mode of Flight, L/D Ratio Curve, Stalling Moment, Angle Of Attack Sonic, Dutch Roll
- Weight, lift, drag
- Design and analysis of JET ENGINE
- Calculation of thrust of JET ENGINE

Number of weeks offered: 4 - 8
Working environment: Research and development

Within the months: 01-JUN-2021 - 31-DEC-2021
Gross pay: 0 BDT / Month

Or within: -
Deduction to be expected: 0

Company closed within: -
Payment method / time of first payment: Cash n.a. /

Latest possible start date: 01-JUN-2021

Accommodation

Canteen at work: No
Expected type of accommodation: N/A
Accommodation will be arranged by: N/A

Estimated cost of lodging: 0 BDT / Month
Estimated cost of living incl. lodging: 0 BDT / Month

Additional Information

Nomination Information

Deadline for nomination: 31-MAR-2021

Date: 24-JAN-2021
On behalf of receiving country: Sumon Sarkar