

Aman Kumar Singh

AEROSPACE ENGINEER



aman.aero.amity@gmail.com ✉

09928583808 📞

Gurgaon, India 📍

17 February, 1999 📅

EDUCATION

B.TECH (AEROSPACE)

Amity University Haryana

07/2016 - Present

CGPA - 7.72

Courses

- AIRCRAFT MAINTENANCE
- AIRCRAFT CONTROL AND STABILITY
- AIRCRAFT QUALITY ASSURANCE
- NUMERICAL ANALYSIS AND SIMULATION
- AIRCRAFT SYSTEMS AND INSTRUMENTS
- CONTROL SYSTEMS
- MECHATRONICS
- AIRCRAFT DESIGN
- AIRCRAFT STRUCTURES
- FLUID MECHANICS

10+2

Kendriya Vidyalaya No.3 Air Force Station, Nal, Bikaner, Rajasthan

04/2015 - 05/2016

Percentage - 73.2 %

Courses

- Science (PCM with Computer Science and English)

10th

Kendriya Vidyalaya No.3 Air Force Station, Nal, Bikaner, Rajasthan

04/2013 - 04/2014

CGPA - 8.6

WORK EXPERIENCE

INTERN

KYRON TECHNOLOGIES PVT. LTD.

06/2018 - 07/2018

DELHI, INDIA

Achievements/Tasks

- VARIOUS DESIGNING PROJECTS COMPLETED SUCCESSFULLY

Contact: MRS. KAPILA JAIN - 011-4355-9494

INTERN

NITTE MEENAKSHI INSTITUTE OF TECHNOLOGY

06/2019 - 07/2019

BANGALORE

Achievements/Tasks

- PREPARED, FABRICATED AND ANALYSED HYBRID COMPOSITES

Contact: MR. MAHENDRA - mahendra.ma@nmit.ac.in

RESEARCH WORK

AMITY UNIVERSITY HARYANA

Proceedings of the National Conference on Advancements & Modern Innovations in Engineering and Technology, AMIET-2020

Achievements/Tasks

- NUMERICAL SIMULATIONS ON ALUMINIUM BASED FIBRE REINFORCED HYBRID COMPOSITES (ISBN: 978-93-5407-803-3)

ORGANIZATIONS

IIT DELHI (02/2017 - 02/2017)

TRAINEE

SKILLS

CATIA

AUTOCAD

SOLID WORKS

ANSYS

CFD

STATISTICAL DATA ANALYSIS

FLUID MECHANICS

COMPOSITE MATERIALS

FLOW SIMULATION

TEAM WORK, CO-ORDINATION AND CO-OPERATIVE

PERSONAL PROJECTS

QUAD-COPTER (09/2017 - 09/2017)

- SUCCESSFULLY PREPARED AND TESTED FOR ITS FLIGHT

DOWN SCALE WORKING MODEL OF ICONA5(SEA AIRPLANE) & CESSNA 182 SKY LANE (01/2019 - 02/2019)

- SUCCESSFULLY BUILD AND TESTED FOR ITS FLIGHT

COMPUTATIONAL ANALYSIS OF NON-BIODEGRADABLE PLASTIC AND FRP BASED HYBRID COMPOSITES (07/2019 - Present)

- SUCCESSFULLY COMPLETED MODELLING AND ANALYSIS IN ANSYS (ACP)

CERTIFICATES/ACHIEVEMENTS

SCIENCE QUIZ (AMIFEST-2017)

ACHIEVED 1st POSITION

REGIONAL SCIENCE EXHIBITION (2013 - 2014)

PREPARED AND PRESENTED WORKING MODEL ON ENERGY CONSERVATION AND GOT 6TH POSITION

RUNNER UP IN ALL INDIA BADMINTON CHAMPIONSHIP (2019)

AS A TEAM CAPTAIN, SUCCESSFULLY REPRESENTED AMITY UNIVERSITY AT ALL INDIA LEVEL AND ACHIEVED 2ND POSITION

LANGUAGES

ENGLISH

Full Professional Proficiency

HINDI

Full Professional Proficiency

FRENCH

Elementary Proficiency

KOREAN

Elementary Proficiency

INTERESTS

FUTURE CONCEPTUAL DESIGNS

SKETCHING & FINE ARTS

BADMINTON

TRAVELING

SWIMMING

CHESS

ALWAYS READY TO EXPERIENCE AND LEARN NEW THINGS