

AMRITAP KUMAR THAKUR

Aeronautical Student

VILL+P.O.:- Rampur Maheshpur

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DATE OF BIRTH:- 1998-07-12



SCHOOLASTIC DETAILS

FROM 2017-07 HINDUSTAN INSTITUTE OF TECHNOLOGY AND SCIENCE

- Pursuing B.Tech Aeronautical Engineering
CGPA in first year 7.8
CGPA in second year 7.0
CGPA in third year 8.0
CGPA in fourth year 9.0

2015 To 2017 (Prepare for different- different Engineering Entrance Examination, like:- jee, bitsat ,imu ,bhu ,wbjee, etc)

2013 To 2015 SAMASTIPUR COLLEGE SAMASTIPUR (LNMU)

- COMPLETED MY INTERMEDIATE
- BSEB Board
- Marks 61.4%

2011 To 2013 B R R HIGH SCHOOL, MORWA

- COMPLETED MY MATRICULATION
- BSEB Board
- Mark 65.8%

2005 TO 2011 ST. JOSEPH PUBLIC SCHOOL

- Completed my middle schooling

- CBSE Board
- Marks 9.5 CGPA

SKILLS

- C,PYTHON LANGUAGES
- AutoCAD ,SOLIDWORKS, Ansys

LANGUAGES KNOWN

- HINDI
- ENGLISH
- BHOJPURI
- SANSKRIT

CERTIFICATES

- R.C Flying Competition Held at Jaipur
- National Workshop on Advances in Aircraft Structural Design (AASD) Held at HINDUSTAN INSTITUTE OF TECHNOLOGY AND SCIENCE
- Internships/Project work Certificate of HAL, LCA TEJAS DIVISION

INTERESTS

- In Aircraft Designing And Structure
- Remote Control Plane
- Programing
- Material selection
- Propulsion system

PROJECT DONE

- Analysis of different Hybridization Factor of Hybrid Electric Turbojet Engine in Conceptual Aircraft Design (publish in AASD 2019 INDIA)
- Mechanical Characterization of C-Ph Composites Treated with Aviation Grade Fluids (publish in VCSI 2020 FRANCE)
- Test investigation of nano-composite graphene on ARAMID
- A review on foreign object debris/damage (FOD) and its effects on aviation industry
- Computational study on influence of cross-sectional shapes on acoustic at the nozzle exit
- Drag and Heat Flux Reduction on Hypersonic Re-entry Vehicles in Combination with Different Aerospikes

PROJECTS CURRENTLY UNDERGONE

- Currently I am doing two minor projects (Composites & Electromagnetic Hybrid Engines)in HINDUSTAN INSTITUTE OF TECHNOLOGY AND SCIENCE Under the (School of Aeronautical Sciences)
- Currently I am trying to make a new design of R.C Aircraft in HINDUSTAN INSTITUTE OF TECHNOLOGY AND SCIENCE
- Currently I am trying to publish one Research Paper
- Currently I am doing project on AERO-SPIKE RE-ENTRY VEHICLES

