

# NAL - National Aerospace Laboratories

Get ready to explore the fascinating world of the National Aerospace Laboratories (NAL)! Established in 1959 and headquartered in Bengaluru, NAL is India's leading institution dedicated to pushing the boundaries of flight and space exploration. Operating under the Council of Scientific and Industrial Research (CSIR), NAL is at the forefront of aerospace research, making sure India's aviation and space ambitions truly soar!



## NAL's Mission: Reaching for the Skies!

NAL's core goal is to make India a leader in aerospace. They focus on:

- **Indigenous Aircraft Development:** Designing Indian-made civil aircraft like the SARAS Mk2 light transport plane and HANSA-NG trainer.
- **Cutting-Edge Research:** Innovating in advanced materials (think lightweight composites for Tejas!) and aerodynamics, including supersonic & hypersonic testing vital for jets and space missions.
- **Industry Support:** Providing crucial R&D, testing (like their world-class wind tunnels), and consultancy to giants like ISRO, HAL, and DRDO, and even private firms

## Achievements that Fly High!

NAL's impact is immense

- **Aircraft:** Developed SARAS Mk2, HANSA-NG, and proposed the 90-seater Regional Transport Aircraft (RTA-90).
- **Smart Tech:** Their Drishti System ensures safe landings at major Indian airports by measuring visibility! They also design UAVs for surveillance and disaster management.
- **Space & Defence:** Supported ISRO's Chandrayaan & Gaganyaan missions and DRDO's hypersonic vehicle research through aerodynamic testing.



NAL is truly driving India's aerospace future, making our nation self-reliant and technologically advanced!