



CSIR-National Aerospace Laboratories  
Bangalore



**Invites Applications for PhD Programme of  
Academy of Scientific and Innovative Research (AcSIR) January 2019 Session**

The National Aerospace Laboratories, Bangalore is a premier research institute of the Council of Scientific and Industrial Research (CSIR). CSIR-NAL is a high technology oriented institution concentrating on advanced topics in the field of aerospace engineering involving various disciplines namely aerodynamics, propulsion, flight mechanics, avionics, aerospace materials and aerospace structures. CSIR-NAL invites applications from eligible candidates for the Integrated PhD (Engineering)/PhD (Engineering)/PhD (Sciences) programme under the Academy of Scientific and Innovative Research (AcSIR). The PhD programme being offered at CSIR-NAL aims to provide in-depth exposure to the engineering concepts, scientific principles, research methodology and hands on experience on advanced real life R&D projects in different disciplines of flight vehicle engineering.

**Eligibility:**

**Integrated PhD (Engineering):**

A Bachelor's degree in Engineering/Technology with exceptionally good academic record and eligibility to apply for a fellowship\* such as CSIR-GATE-JRF or equivalent. The candidate should have specialization in Aeronautical/Aerospace engineering/technology and keen interest in carrying out research on topics relevant to flight vehicles. The candidate will be admitted to Integrated Dual Degree PhD (IDDP) programme. On completion of IDDP programme the candidate will be awarded both M.Tech (Flight Vehicles) & PhD (Engineering) degrees.

**PhD (Engineering):**

A Master's degree in Engineering/Technology with exceptionally good academic record and eligibility to apply for a fellowship\* such as CSIR-SRF or INSPIRE or equivalent. The candidate should have specialization in Aeronautical/Aerospace/Mechanical/ Structures/Materials/Metallurgy/Chemical/ Polymers/Electronics/Communications/Computers engineering/technology and keen interest in carrying out research on topics relevant to flight vehicles.

**PhD (Sciences):**

A Master's degree in Sciences with exceptionally good academic record and eligibility to apply for a fellowship\* such as CSIR-NET-JRF or INSPIRE or equivalent. The candidate should have specialization in Physical/Chemical/Material Sciences and keen interest in carrying out research on topics relevant to flight vehicles.

\*After enrolment to the PhD program, the candidate should separately apply to the funding agency and get the fellowship awarded

**Note:** Existing Project Staff (Research Fellows/Project Assistants working on research projects at CSIR-NAL for a minimum period of one year and meeting the guidelines of CSIR-NAL Academic Cell)/CSIR Scientists/Industry Sponsored Candidates who fulfil the qualifications as per AcSIR are eligible to apply for the PhD programme.

Before applying, Project Staff/CSIR Scientists/Industry Sponsored Candidates should have identified and established contacts with a scientist from CSIR-NAL who is willing to supervise the thesis work.

**How to Apply**

Interested candidates who fulfil the eligibility criteria can apply online from **September 21, 2018** at <http://acsir.res.in>. Online application will close on **October 25, 2018**. For more details about the programs, application and admission procedures, candidates are requested to visit the website <http://acsir.res.in>. For details on fellowships please visit the respective websites such as <http://www.csirhrdg.res.in>, <http://www.inspire-dst.gov.in>, etc.

**To know more about AcSIR and CSIR-National Aerospace Laboratories, Bangalore please visit <http://acsir.res.in> and <http://www.nal.res.in> respectively.**