

PROFILE OF THE EXAMINER



1. Name of the Examiner : **Dr Balamurugan Gopalsamy**
2. Designation : **Chief Scientist (Scientist G)**
3. Department : **Structural Integrity Division (For aircraft Programs)**
4. Name of the University/College : **National Aerospace Laboratories - CSIR, Bangalore**
where he/she is currently working : **Ministry of Science and Technology, Govt. of India**
5. If the examiner is working in a college, to mention whether the department is an approved research department or not : **Yes**
6. Broad area of research : **Mechanical Design, Manufacturing, Aircraft System Designer**
Landing Gear Design and Testing
7. Total number of publications : **26 + 3(Patents) + 58(internal Publications Confidential)**
8. Total number of Ph.D scholars : **2**
currently guiding
9. Total number of Ph.D scholars : **1**
Completed
10. Mention two or three recent publications (With Journal name, Title of the articles, Issue/Volume number, month & year of the publication) :

"Estimation of static burst pressure in unflawed high pressure Cylinders using nonlinear FEA ,Thin-Walled Structures".
Science Direct, Elsevier, Volume 126, Pages 79-84, May 2018

Distinguishing process-impact of down milling and up milling in machining aluminium thin wall International Journal of Materials and Product Technology 64 (2), 156-174, 2022