



**ASM International Bengaluru Chapter**

**Cordially invite you to ASM Online Technical Talk**

**Titled**

# **“Certification of Metal AM Parts for Military Airsystem”**

**BY**

**Dr T Ram Prabhu**

***Date & Time: 27.05.2023, Saturday at 5:00 pm IST***

***Zoom Link:***

***<https://us02web.zoom.us/j/81353015940?pwd=Wk5mWGRxVy9saUJBMzBYRzhvVWlkUT09>***

***Zoom Meeting ID: 813 5301 5940***

***Passcode: ASMBLR***

**Mrs. Jyothi Sriram**  
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**Mr. Prakash Balasubramanian**  
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<b>Time</b>	<b>Program Outline</b>
4.40-4.45 pm	Login in Through ZOOM
4.45-5.00 pm	Networking with participants and speaker
5.00-5.02 pm	Welcome Speech by Chairperson
5.02-5.05 pm	Introduction of the Speaker by Secretary
5.05-6.20 pm	<b>Talk by Speaker</b>
6.20-6.30 pm	Q & A
6.30-6.32 pm	Vote of Thanks by Secretary and Log off

## ABOUT THE SPEAKER



**Dr. T. Ram Prabhu**

### Brief profile:

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B.Tech. NIT Trichy, M.E. IISc Bangalore, Ph.D. IIT Madras, PG diploma in Finance, PG Diploma in Applied Statistics, GATE Rank - AIR 19, Total no of awards:8, SCI Journal publications: 52, Books and Book chapter- 5.

### Abstract of the Lecture

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The talk covers airworthiness certification procedures for metal AM parts for aircraft applications. First, the documents required to initiate the certification of AM processes and part are discussed. The Indian military airworthiness policy and procedure for AM parts, prerequisites for the firm involved in the part development, process control, and testing methodology for AM parts, are discussed in accordance with international practices such as NASA Technical Standard 6030. A case study detailing typical AM part development and certification is explained. In addition, recent achievements in the AM part certification are outlined. At the end, the prospects, challenges, and opportunities in the metal AM field for academics are briefly highlighted.

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