

Abhishek J. K.

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Scientist

Skills

- Payload development for Space Applications
 - Conceptual designing of testing and characterization schemes for pace plasma instruments
 - Quadrupole Mass spectrometry-instrumentation and Data Analysis.
 - Vacuum Systems.
 - Acousto- Optics Instrumentation
 - Automation software development suitable for Large Data.
 - Planetary Science data Analysis
 - Ion-Optic Simulation
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Professional Experience

SPACE PHYSICS LABORATORY, VSSC, ISRO

Scientist – 2013-present

Major Projects:

1. Plasma Analyser Package for Aditya(PAPA)-

Deputy Project Manager, Payload Realization and Execution

2. Chandra's Atmospheric Compositional Analyzer -2(CHACE-2)

Deputy Project Manager, Testing and Calibration

Technology

Software: Simion, Matlab, MS Office (Word, Visio, Excel, PowerPoint)

Coding: C, C++,Python, IDL

Education

**INDIAN INSTITUTE OF SPACE SCIENCE AND TECHNOLOGY,
Bachelor of Technology, 2013**

- Physical Sciences,

- **Publications**

- ***On the evening time exosphere of Mars: Result from MENCA aboard Mars Orbiter Mission, Geophysical Research Letters. doi: 10.1002/2016GL067707***
 - **Anil Bhardwaj, Smitha V. Thampi, Tirtha Pratim Das, M. B. Dhanya, Neha Naik, Dinakar Prasad Vajja, P. Pradeepkumar, P. Sreelatha, G. Supriya, J. K. Abhishek, S.V. Mohankumar, R. Satheesh Thampi, Vipin K. Yadav, B. Sundar, Amarnath Nandi, G. Padma Padmanabhan and A.V. Aliyas.**
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