

## Sruthi T V

Senior Research Fellow

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**Research Area:** Ionosphere Thermosphere Magnetosphere Physics

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### Academic qualification

Degree	Year	Details
M.Sc.	2018	Physics, National Institute Technology, Karnataka, India
B.Sc.	2016	Physics, Payyannur college, Kannur university, Kerala, India

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### Professional Background

Designation	Duration	Institution
Research Scholar	Dec 2019-Present	Space Physics Laboratory, VSSC, ISRO, India

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### Publications

- Manju, G., N. Mridula, **T. V. Sruthi**, Tarun K. Pant, P. Sreelatha, Rosmy John, R. Satheesh Thampi, A. N. Aneesh, and J. K. Abhishek. "Generation of Post Sunset E Region Electron Density Stratifications at the Magnetic Equator: An Analysis Using In Situ Measurements and Theoretical Estimations." *Journal of Geophysical Research: Space Physics* 128, no. 3 (2023): e2022JA030903.
- Sruthi, T. V.**, and G. Manju. "Quantification of the role of gravity wave induced TIDs in modulating ESF day to day variability during geomagnetically disturbed periods." *Advances in Space Research* 69, no. 5 (2022): 2081-2089.

श्रुति टी वी

वरिष्ठ अध्येता

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अनुसंधान क्षेत्र: आयनमंडल तापमंडल एवं चुंबकमंडल भौतिकी

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#### शैक्षिक योग्यता

डिग्री	वर्ष	विवरण
एम.एससी	2018	भौतिकी, राष्ट्रीय प्रौद्योगिकी संस्थान, कर्नाटक, भारत
बी.एससी	2016	भौतिकी, पय्यान्नूर कॉलेज, कन्नूर विश्वविद्यालय, केरल, भारत

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#### पेशेवर पृष्ठभूमि

पदनाम	अवधि	संस्था
रिसर्च स्कॉलर	दिसंबर 2019-वर्तमान	अंतरिक्ष भौतिकी प्रयोगशाला, वीएसएससी, इसरो, भारत

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#### प्रकाशन

- Manju, G., N. Mridula, **T. V. Sruthi**, Tarun K. Pant, P. Sreelatha, Rosmy John, R. Satheesh Thampi, A. N. Aneesh, and J. K. Abhishek. "Generation of Post Sunset E Region Electron Density Stratifications at the Magnetic Equator: An Analysis Using In Situ Measurements and Theoretical Estimations." *Journal of Geophysical Research: Space Physics* 128, no. 3 (2023): e2022JA030903.
- Sruthi, T. V.**, and G. Manju. "Quantification of the role of gravity wave induced TIDs in modulating ESF day to day variability during geomagnetically disturbed periods." *Advances in Space Research* 69, no. 5 (2022): 2081-2089.