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## SPACE PHYSICS LABORATORY

5<sup>th</sup> April 2017

Dr. Tarun Kumar Pant  
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Indian Space Research Organisation (ISRO)  
Trivandrum, INDIA

This letter is to express our invitation to Dr. Sumod.S.G, Assistant Professor, Sacred Heart College, Thevara Ernakulam Dist., to be a research collaborator with this institute. In this context, one Global Positioning System (GPS) receiver will be installed in the College campus through the ISRO funding of ~ 30 Lakhs. It is anticipated that the basic infrastructure will be provided by the College authorities concerned.

The proposed collaborative research will contribute to give new insights into many of the unresolved scientific problems in the realm of Space Physics/Solar-terrestrial research. Further, it has societal applications, for instance, will help in improving the reliability of the communication/navigation systems such as GPS, by providing valuable inputs to the existing ionospheric models through the 'operational forecasting'.

(Tarun Kumar Pant)