

Summer Internship Opportunity

Tri-band patched antenna development for NavIC + GPS receiver

Brief Description:

Our day-to-day navigation applications mostly use GPS L1 signal. With the availability of India's NavIC constellation, it is now possible to use NavIC L5 and S band signals for navigation purpose. This project will explore avenues to acquire GPS L1, NavIC L5 and S band signals through a single patched antenna and subsequent circuits. You will be working closely with ECE lab and other PhD students involved in this project to design and develop an antenna system for a software defined GPS+ NavIC receiver.

Benefits:

- ✓ Opportunity to participate in a large scale project on NavIC reflectometry
- ✓ Possibility of converting to BTP/IP/IS
- ✓ Possibility of international research collaboration

What we are looking for:

- ✓ Self-motivated and responsible student
- ✓ Experience in RF antenna
- ✓ Experience in analog and digital filter design
- ✓ Experience in PCB designing

For more details Contact:

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