**Student Profile**

*Kiran Kassyap S*

*Srivenkata Krishnan S*

*Sundarrajan G*

We have been working on robotics for more than three years. We started our work in robotics after attending line follower workshop at Amrita university, Coimbatore. We then participated and won prizes in competitions on line follower, RC robot and obstacle avoidance conducted at IIT(Madras), SASTRA university(Tanjore), BITS Pilani(Goa) and IISC (Bangalore). We also constructed a Quadcopter (UAV drone) from scratch under the guidance of Dr. Vidhya Balasubramanian, Associate professor, Amrita University.

We have been working on Indoor robotic localization since August 2015, and we have successfully implemented our approach on our ground robot which shows better accuracy than other available methods.