

IERCOO/ICSP optical observation of GRB 190106A

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We observed GRB 190106A using 0.61m reflector of our observatory at Sitapur, West Bengal, India. The observation was with R, V, and B filters in a short interval at around 16:45UT on 6th January, 2019, i.e., about three hours after the BAT trigger (Sonbas et al. 2019; GCN 23615). Using two exposures each of 90s in R and in V, we obtained the magnitudes of 17.83 ± 0.25 and 18.45 ± 0.23 respectively. Using one 90s exposure in B, we obtained the magnitude of 18.81 ± 0.39 . Using triangulation, we obtained the location of the afterglow to be RA(J2000) = 01h 59m 31.17s, Dec(J2000) = +23d 50m 43.94s with two pixel error 0.46 arcsec. Three sigma method was used to estimate the magnitudes with a calibrator 2mass J01593557 +2348527 which is \sim of V mag 12.5. After 24 hours of the trigger we do not detect the afterglow on 7th Jan. at 13:30UT. The details of images and other results will be posted in <http://csp.res.in>.

Image in R-filter (180s=90sx2) by 0.61m Vashistha Telescope

