

### Visit to Biogas plant of Pooghat School

The biogas plant at Pooghat was installed in December 2016. Since then it is in good working condition. On 15<sup>th</sup> Jan, 2020 our Project Asst. Karam Dass visited that school for maintenance purpose. He also checked the different parameters including pH, temperature and composition of biogas. The pH value was found to be 6.96 and the temperature inside and outside the biogas plant was 12°C and 14°C, respectively. The biogas was composed of 37.9% of CO<sub>2</sub>, 58.0% of CH<sub>4</sub>, 307ppm of H<sub>2</sub>S, 0.2% of O<sub>2</sub> and 3.9% of other gases. It can be concluded from the observed values that the Biogas plant is working properly.



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CH <sub>4</sub>	(%)	58.0 PEAKCH4	(%) 58.0
CO <sub>2</sub>	(%)	37.9 PEAKCO2	(%) 37.9
O <sub>2</sub>	(%)	0.2 MINO2	(%) 0.2
H <sub>2</sub> S	(ppm)	307 SysP	(mb) 0.18
Bal	(%)	3.9 Baro	(mb) 860