One day Farmers meet on “Promotion of Biogas Plant to Bring Prosperity in Rural Area” was organized at SantoshiGoliya, near JunaDeesa, distt. Banaskantha on January 02, 2016 by college of Renewable Energy and Environmental Engineering, SardarkrushinagarDantiwadaAgricultural University, Sardarkrushinagar.

Biogas plant is a system which converts organic waste into gaseous fuel. The entire process of biogas generation takes place in closed condition i.e in the absence of Oxygen. Biogas Plant is known as Three-in-One System as farmer gets fuel & fertilizer and improves health and hygiene. The biogas plant is considered the best tool for Green House Gases (GHGs) emission reduction in the atmosphere.

The theme of the shibir is to bring awareness about decency of biogas plant and motivate farmers to embrace the most ecofriendly and sustainable technology through bringing scientists, executers, promoters, faculties, experts and promoters from government, NGO and private sectors on common platform.

Honorable Vice-Chancellor Prof.(Dr.) Ashok A. Patel presided over the function. Dr. R.R. Shah, Director of Research, Dr. M.R. Prajapati, Principal CPACA and Dr. H. N. Kher, Registrar graced the occasion. Dr. S.H. Suthar, Principal of the college delivered welcome speech. Er. V.M. Modi, Scheme Incharge gave overview of state sponsored biogas scheme under the domain of which the programme tookplace. Honorable Vice-Chancellor insisted the farmers to focus on better management of agriculture practices and animal husbandry to bring prosperity. Honorable Vice-Chancellor and dignitaries along with farmers took stock of biogas plant installed at shibir place, expressed happiness and
emphasized on the need of better utilization of slurry as nutritious organic fertilizer and use of chaff cutter for effective use of animal feed. Er. SamirmahmadVhora, Principal Scientist and Shri A.K. Chauhan, Sr. Executive both from SPRERI, V.V. Nagar presented in detail about biogas, plant design and installation prerequisite of biogas plant and importance of biogas for energy self-sufficiency and leftover which is nutrient rich organic fertilizer for soil enrichment. Shri S.K. Acharya, Assistant Manager, GAIC narrated government subsidy for biogas plant installation upto 4 m³ capacity. Shri shailesh Patel from Zero Energy Emission, Dr. B. S. Deora, Professor and Er. B.S. Parmar, faculties of agricultural engineering and technology delivered on use of biogas for rural upliftment. The Gujarat Energy Development Agency (GEDA) contributed by sending renewable energy demonstration VAN for mass demonstration.

The shibir received overwhelmed response as nearly 250 farmers including farm women, 60 students from the college of REEE got benefit of the valuable deliberation on biogas technology. Live demonstration of biogas plant, running successfully for over 25 years by shri Jagajibhai Kacchava, who owns the farm was also given to farmers to attract attention.

In the post lunch session an interactive question-answer round was arranged, in which some interested farmers and students asked many questions are responded by experts to their satisfaction. Er. Shailesh Prajapati of Duro Green Energy Private limited, who is also an alumni of the college gave appealing presentation on waste management technology to sensitize farmers for biogas adoption. The SINTEX limited gifted working model of portable biogas plant to the college for student education.

The college felicitated successful biogas plant owner shri Jagajibhai and invited guests from SPRERI, GAIC, SINTEX and Zero Emission Energy by offering memento. Er. N.N. Desai expressed thanks to all for grand success of the programme.