



On 15th September, 2022 which is celebrated as Engineer's Day, LDCE organized a panel discussion on "Futuristic Engineering for Healthy Planet". Engineer's Day is celebrated to commemorate the birth anniversary of Sir Mokshagundam Visvesvaraya popularly known as Sir MV, who was an Indian civil engineer and reputed statesman. The event was graced by Dr. Rajul Gajjar - Principal LDCE, Dr. Ketan Badgujar - Head of Electrical Dept., Dr. Jaynarayan Vyas - eminent thinker on public administration and economics & finance, Dr. Amit Prashant - officiating Director IIT Gandhinagar and Dr. Kandarp Pandya - senior scientist SAC-ISRO.



Dr. Amit Prashant spoke about the vital role engineers play in addressing basic human needs. With changing times, it is imperative that they work to enhance the welfare, health, and safety of all, with the minimal use of natural resources and paying due regard to the environment and the sustainability of resources.

Dr. Kandarp Pandya shared how the global coverage of satellites offers a unique, perspective that can help us overcome our greatest challenges. Information from these spacecrafts can help us improve agricultural yields, protect habitat loss, and stop deforestation. They discovered the hole in the ozone layer and their data today remains key to fighting climate change. They have helped us to connect the world through internet and communication, an intangible service for



millions. Space technology has done so much for us till now and, in the future, they have the potential to do much more.



Dr. Jaynarayan Vyas discussed about the great opportunities in front of us that are brilliantly disguised as insoluble problems. Engineers have completely changed the world we live in, from modern homes, bridges, space travel, cars, and the latest mobile technology. Innovative ideas are at the heart of what engineers do. Technology has penetrated our lives to such an extent that we do not even realize how much technology a layman is using everyday.

All the experts emphasized the need to sensitize the general public and create awareness about the necessity of creating a sustainable ecosystem. Small efforts by each and everyone will go a long way in creating a sustainable and healthy planet. They interacted with the students as well as faculty very patiently and gave them deeply insightful information with interesting anecdotes from their experiences.



Dr. Rajul Gajjar and Dr. Ketan Badgujar deftly managed the session by guiding the discussion as well as sharing relevant information or supplementing the experts' talk.

