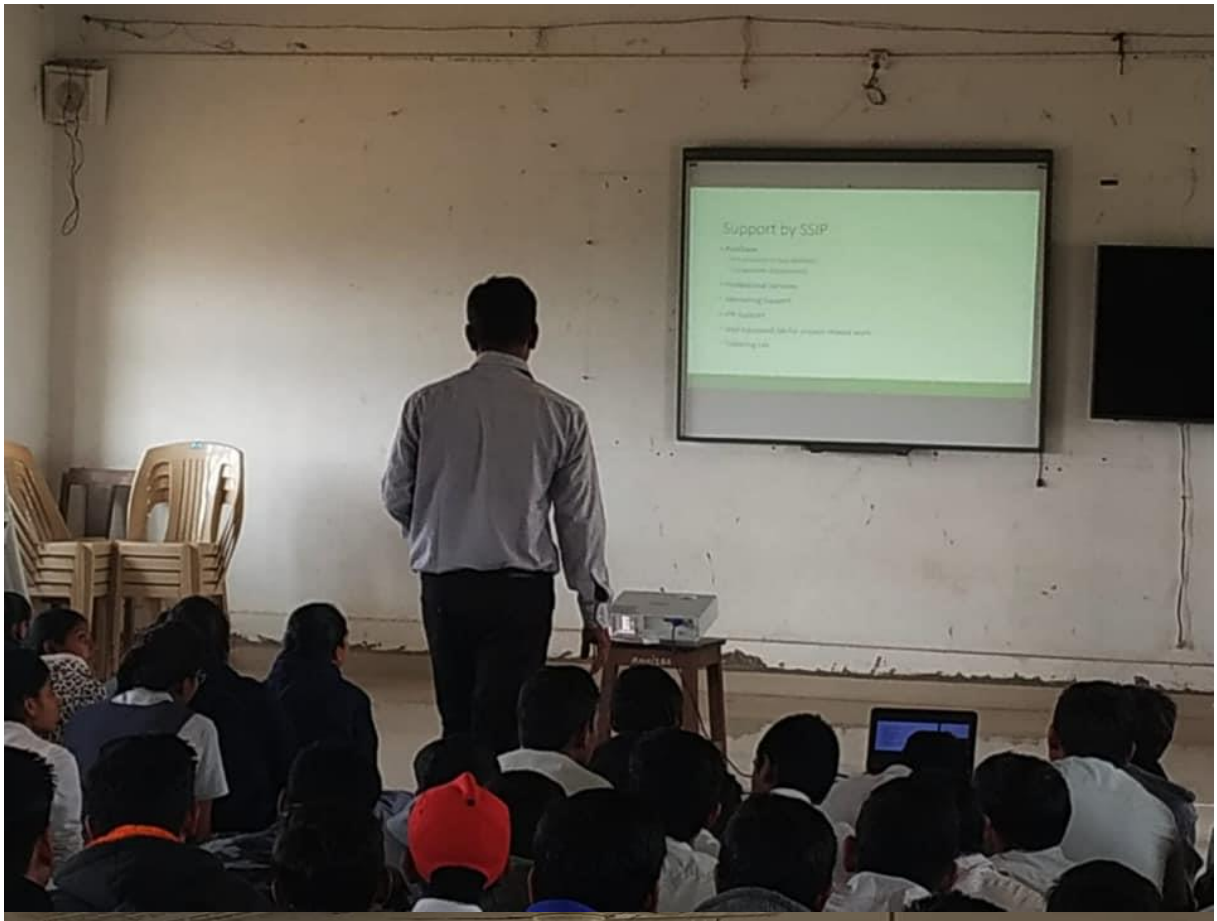
Report of workshop on “Developing Mindset for Innovation and Startups”

SSIP Cell of GIDC Engineering Collage had arranged 1 Day workshop on “Developing Mindset for Innovation and Startups” at R. N. Naik High School, Sarikhurad, Navsari on 07/01/2020. The workshop was arranged to expose the students with creative thinking and modern technologies. Students got encouragement to solve problem around them and may even build prototype/model based on the knowledge acquired through this workshop. The workshop was conducted by Prof. Nilesh Parmar (Civil Engineering Department), Prof. Tejas Patel(Computer Engineering Department) of SSIP Cell, GIDC Engineering Collage, Abrama, Navsari. Total 265 students of class 11th and 12th participated in this workshop along with Teachers.

Workshop was commenced with the brief introduction about conferrer by the honourable Principal of School. Prof. Nilesh Parmar started with a session on topic on “Design Thinking”. Students were given explanation on the basics of Creativity & Innovation. It was further explored on “How to empathize with situation to identify common problem faced by people around you?” Brief exercise related to empathy was also performed by Prof. Nilesh Parmar with students along with their teachers to actually understand the word “empathy” and “how design thinking works”.

Subsequent session was conducted by Prof. Tejas B. Patel which was on “Innovation using Modern Technologies”. In this session, students were briefed about “Internet of Things and how it can be used to create solutions”. Prof Tejas Patel also explained various IoT boards such as NodeMCU, Arduino and Raspberry Pi. Demonstration of these board were given to students to make them understand “how these boards works?” and “how they can be used to create models/prototypes?”. During the first two session students learned “how to identify problem around them?” and “how to create solution or idea for the same?”. During this session student learned “how to convert idea into physical product/model to prove their concept works” which later on can be refined and scaled for the consumer market.

All participants along with their teachers enjoyed the exercises and learned basic fundamental difference between linear/traditional thinking and creative/design thinking. The aim of the session was to identify the problem around one’s self before creating innovative product or design, as innovation come from solving problem faced by us and around us.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