

SSIP2.0 Sensitization Sessions

Event Name: Idea Generation & Prototype Design

Date: 29/01/2026

Venue/ Mode: Government Arts & Science Collage, Harij / OFFLINE

No of Participants: 32

Speakers Name: - Prof. Parth Raval & Prof. Jaimin Prajapati

About Event: Idea generation and prototype design are essential stages in the innovation and product development process that transform a problem or need into a practical solution. Idea generation begins with identifying real-world challenges or opportunities and exploring possible solutions through methods such as brainstorming, observation, research, discussion, and creative thinking techniques. During this stage, multiple ideas are produced without immediate judgment, allowing creativity and originality to flourish. These ideas are then evaluated based on feasibility, usefulness, cost, and potential impact, leading to the selection of the most promising concept. Once a suitable idea is chosen, prototype design begins, which involves creating an initial model or representation of the proposed solution. A prototype may be a physical model, digital design, or experimental setup that demonstrates how the idea will function in practice. This stage allows designers and researchers to test performance, identify limitations, make improvements, and refine the final product before full-scale implementation. In educational and research settings, students actively participate in idea generation and prototype development by applying theoretical knowledge, problem-solving skills, and creativity to develop innovative solutions. Through repeated testing, feedback, and modification, prototype design ensures that ideas evolve into practical, efficient, and user-oriented outcomes. A group of **32 students** from Arts and Science backgrounds participated. Furthermore, the coordinators of the college's SSIP **Dr. Badal Chauhan**, encouraged the students by discussing how the clay utensils can be made more durable and how innovations can be introduced in this field. The visit inspired the students to start their own businesses and provided them with ideas for improvements and innovations in such industries. All the planning and direction were overseen by the college principal, **Dr. Tekpalsingh Anand Sir**.

Outcome of Event: Due to these events, students were encouraged to develop a mindset for startups. Overall, this journey was an excellent and positive experience that was highly beneficial in shaping students' professional perspectives and teaching them new techniques.

