



Regular Activity Report

Introduction of the College

Government Arts and Commerce College, Liliya is a reputed institution committed to providing quality education to students from rural and semi-urban areas. The college focuses on the holistic development of students by promoting academic excellence, skill development and value-based education. Along with regular curriculum activities, the institution actively encourages students to participate in co-curricular and extension activities, especially in the fields of innovation, entrepreneurship and research. The college has been actively implementing various initiatives under Innovation Club and Institution's Innovation Council (IIC) to nurture creativity and entrepreneurial mind set among students.

About SSIP 2.0

The **Student Startup and Innovation Policy (SSIP 2.0)** is an initiative by the Government of Gujarat aimed at promoting innovation and entrepreneurship among students. It provides financial assistance, mentoring support, incubation facilities and networking opportunities to help students transform their innovative ideas into successful startups. SSIP 2.0 focuses on strengthening the startup ecosystem in educational institutions by encouraging students to think creatively, solve real-world problems and become job creators rather than job seekers. The policy also emphasizes research-driven innovation and supports projects at various stages, from idea generation to commercialization.

Objectives of the Program

- To create awareness about **SSIP 2.0** and its benefits among students.
- To encourage students to develop innovative ideas and entrepreneurial skills.
- To provide guidance regarding funding opportunities and startup support.
- To motivate students to participate in innovation-based activities and projects.
- To promote a startup culture within the institution.



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Report on Two-Day Certification Program on Additive Manufacturing
(Under SARTHI – Innovation Club & SSIP Collaboration)

Government Arts and Commerce College, Liliya organized a Two-Day Certification Program on “Additive Manufacturing” on 18th and 19th February, 2026 in collaboration with the National Additive Manufacturing Centre – West (NAMCW), Ganpat University. The program was conducted under the activities of SARTHI – Innovation Club and in association with SSIP 2.0 to promote innovation and emerging technological awareness among students.

Introduction of the Program

The primary objective of the program was to introduce students to the concept of Additive Manufacturing (3D Printing) and its growing importance in modern industries such as aerospace, healthcare, automotive, and manufacturing. The program aimed to bridge the gap between theoretical knowledge and practical exposure by providing insights into advanced manufacturing technologies.

Details of the Program

The two-day program was conducted from 11:00 AM to 3:30 PM on both days, with active participation from students of Arts and Commerce streams. The sessions were conducted by expert resource persons:

Prof. Parth Raval, Assistant Professor, NAMCW – Ganpat University

Prof. Jaimin Prajapati, Assistant Professor, NAMCW – Ganpat University

They delivered detailed sessions on topics such as:

Introduction to Additive Manufacturing

Types of AM technologies (FDM, SLS, SLA, DMLS, etc.)

Applications in various sectors like aerospace, healthcare, and defence

National Strategy for Additive Manufacturing (NSAM 2022)

Role of government initiatives and NAMCW

Startup opportunities and career prospects in AM



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The sessions included conceptual explanations along with application-oriented learning, helping students understand real-world uses of 3D printing technology.

Learning Experience

The program provided students with a hands-on understanding of modern manufacturing techniques and enhanced their knowledge of industry-relevant skills. Students were also made aware of innovation and entrepreneurship opportunities linked with additive manufacturing, especially through support systems like SSIP 2.0.

Objectives of the Program

To create awareness about Additive Manufacturing and 3D printing technologies

To provide industry-oriented knowledge and practical exposure

To promote innovation and technical skills among students

To highlight startup and career opportunities in emerging technologies

To connect students with government initiatives like SSIP 2.0

Outcomes of the Program

Students gained knowledge about advanced manufacturing technologies

Enhanced understanding of industrial applications of 3D printing

Increased awareness about innovation and startup opportunities

Developed interest in technology-driven entrepreneurship

Strengthened linkage between academic learning and industry practices

Conclusion

The two-day certification program was successfully conducted and proved to be highly informative and skill-oriented. It enriched students' understanding of emerging technologies and motivated them to explore innovation-driven career paths. The collaboration with NAMCW and SSIP 2.0 added significant value by connecting students with industry trends and startup opportunities.

Coordinator

Dr. Viraj H. Rathod

Assistant Professor & Coordinator

Government Arts and Commerce College, Liliya



Government Arts and Commerce College Liliya

Students Startup and Innovation Policy 2.0



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Two days Certification Program on

Additive Manufacturing

Jointly organized by
National Additive Manufacturing Centre – West (NAMCW)
and Government Arts and Commerce College Liliya Amreli

18 to 19 February, 2026
(11:00 AM to 03.30 PM)



About NAMCW

National Additive Manufacturing Centre – West (NAMCW) is a pioneering initiative supported by MeitY, Government of India, hosted at Ganpat University, Gujarat. NAMCW serves as a regional hub for advancing additive manufacturing (3D printing) technologies across western India through skill development, industrial training, R&D support, and innovation promotion.

Topics to be Covered

What is Additive Manufacturing?	Types of AM Technologies (FDM, SLS, SLA, DMLS, etc.)
Applications in Aerospace, Healthcare, Automotive, Defence, etc.	National Strategy for Additive Manufacturing (NSAM 2022)
Role of NAMCW & Government Initiatives	AM Startups & Career Opportunities

Resource Persons:

Prof. Parth Raval

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Prof. Jaimin Prajapati

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Venue:

Government Arts and Commerce College Liliya Amreli

Why this program?

Additive Manufacturing (AM) is transforming design and production across sectors such as automotive, aerospace, medical and more. This session aims to equip participants with:

- Hands-on understanding of 3D printing processes
- Industry-relevant design and manufacturing skills
- Application-oriented learning for innovation and entrepreneurship

Who Should Attend?

- All Arts, Science and Commerce Students
- Industry Professionals
- Startups & Innovators
- Faculty Members

This event is planned under Stage-3 activities of SARTHI, Innovation Club, Government Arts College, Amirgadh, titled "Workshop on Prototype Design and Process Design through Innovators".

All registered participants will receive a

Participation Certificate issued by
National Additive Manufacturing Centre West

Principal

Dr. Rajendrasinh A. Rathod

Principal, GES Class I
Government Arts and Commerce College, Liliya Amreli

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