



**GOVERNMENT SCIENCE COLLEGE  
GANDHINAGAR**



*A*

*Report*

*On*

**"Students Start-Up and Innovation Policy 2.0"**

*Academic Year: 2025-26*

*Principal: Dr. D. P. Patel*

*Co-ordinator: Dr. Rajkumari Parwani*

*Prepared by:*

**Students Start-Up and Innovation Policy Cell,**

**Government Science College, Gandhinagar**



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## **1. Introduction**

The Government of Gujarat is really taking some bold steps to help those with great ideas and dreams of starting their own businesses. They're creating an environment that's friendly to new ventures and projects, making it easier for people to turn their innovative ideas into reality. This approach shows just how committed they are to encouraging innovation and pushing forward with technology.

Their policy is inclusive, which means it's open to anyone with a good idea, whether you're working on your own or part of a bigger institution like a university or a research centre. It's great to see that they're making sure everyone, from individual dreamers to larger organizations, has access to the support and guidance they need to succeed.

Start-ups are a big deal, especially in the tech world. They're the ones driving all the cool new advances by thinking outside the box and moving quickly. With their focus on cutting-edge tech and new ways of doing business, start-ups are really shaping the future of industries and economies.

The Student Start-up and Innovation Policy (SSIP) 1.0, which kicked off in 2017, was a game-changer for young innovators in Gujarat. It set aside a good chunk of money over five years to help students at state universities and technical institutes get their own businesses off the ground. By concentrating on tech-driven innovations, SSIP 1.0 tapped into the huge potential of young people and set Gujarat on the path to becoming a real hotbed of innovation and entrepreneurship.

Now, with SSIP 2.0, they're taking things even further. They want to reach out to millions of students across the state, making sure that even more young people have the chance to dive into the world of entrepreneurship and innovation. It's a big goal, but it shows just how serious the government is about giving everyone a fair shot at success.

In a nutshell, the Government of Gujarat is really going all out to support start-ups and innovation through initiatives like SSIP. It's clear they're thinking ahead when it comes to economic growth and giving people the tools they need to thrive. By creating an environment where entrepreneurship can flourish and giving targeted help to new innovators, Gujarat is on track to become a real leader in innovation and a role model for other places looking to do the same.

With the Government of Gujarat's support and our college's commitment to nurturing entrepreneurship, our students have access to a wealth of opportunities to shape their futures and

contribute to the growth and prosperity of our state. Together, we're building a vibrant ecosystem that empowers the next generation of innovators and leaders.

## 2. Definition

1. **Innovation:** Conceptually, any innovation implies substantial improvement in the ways of doing things, producing goods or providing services. It may involve a new use of an existing resource or producing or delivering existing goods or services through new methods or new instruments/materials.
2. **Start-up:** Start-up is an entity that develops a business model based on either product innovation or service innovation and makes it scalable and replicable to be self-reliant. Start-up may also be an entity that satisfies the requirements of the Department of Industrial Policy and Promotion (DIPP), Government of India.
3. **Proof-of-concept (POC) stage:** Proof-of-concept is the stage where the innovator/startup demonstrates a fundamental functioning demonstration of the idea/hypothesis/innovation.
4. **Prototype-stage:** A prototype-stage is a pre-production/pre-launch stage where the innovator /startup team has developed a basic minimum viable product (MVP) with most key features desired in the final product.
5. **Minimum viable product (MVP)** is a product with just enough features to gather validated learning about the product and its continued development.
6. **Start-up India Action Plan:** The Government of India has announced the 'Startup India, Stand-up India' initiative for creating a conducive environment for startups in India. Different ministries of the central government have initiated several activities for this purpose, and the government has also published an action plan for the same.
7. **Student Start-up:** Student Startup is any student-led innovation-based startup that has been founded by the efforts of one or more student(s) and/or alumni (not more than 5 years from graduation), from any university/educational institute in the state, with or without the help of faculty guides and external support agents. Recently, AICTE has developed a national roadmap for student startup support system.
8. **Academic/educational institute:** Any government/grant-in-aid/self-financed institute/college in the state affiliated to a recognised university of Gujarat.
9. **Preincubation:** Preincubation makes up early-stage support systems for the innovation & startup value chain that comprises an enabling environment to trigger creative ideas, hand-holding ideas at conceptualisation stage, extending basic facility to test the ideas and validate its early users, basic common working infrastructures, and access to existing resources before the innovation reaches an enterprise stage.

10. **Incubator:** Incubator is an organisation established to accelerate the growth of startups, through an array of business support, resources, mentorship, networking, and other common services such as physical space, capital, and coaching.
11. **Technology Business Incubator:** A Technology Business Incubator (TBI) is an incubator established to support technology-driven startups generally supported by the National Science & Technology Entrepreneurship Development Board (NSTEDB), Department of Science & Technology (DST), Government of India.
12. **Atal Innovation Mission (AIM):** The Atal Innovation Mission (AIM) is Government of India's endeavour to promote a culture of innovation and entrepreneurship. Its objective is to serve as a platform for promotion of world-class Innovation Hubs, Grand Challenges, Startup businesses and other self-employment activities, particularly in technology driven areas. AIM is established under the NITI Aayog.
13. **Tinkering Lab/Fab Lab/ Innovation Studio:** A Tinkering Lab/Fab Lab is a combination of experimental research and specialisation, where students may tinker with emerging technology and fabricate and create new product/prototypes.
14. **Accelerators:** An accelerator is like an incubator except, as the name suggests, a startup accelerator fosters rapid growth of the startups it incubates. Usually accelerators package mentorship, access to technology, office space and access to an innovative community into a relatively shorter timeline for faster growth.
15. **Angel Investors:** An angel investor is a person who provides financial support by investing capital-typically, a relatively smaller seed capital - in a startup.
16. **Venture Capital:** Venture Capital (VC) is a type of funding that originates from venture capital firms that specialise in building high risk financial portfolios. Typically, such firms provide growth-level funding to established startups against equity as well as create value for startups by providing access to their networks for employees, clients, products, or services of the startup.

### 3. About Policy

- Policy Period

>The period of the Policy will be from January 11, 2022, to March 31, 2027.

#### ▪ Eligibility Criteria for Educational Institutions

To be eligible to take benefit of the Policy, an institute shall be.

- I. Based in Gujarat.
- II. A Government/Grant-in-Aid institute/Private institute affiliated to recognized university.
- III. On record to have demonstrated concrete efforts related to innovation and entrepreneurship in the past few years or having strong commitment to participate towards the goals of the Policy.

▪ **Eligibility Criteria for Educational Beneficiaries**

Any person up to the age of 35 years, who is,

- i. A school student of Foundational / Preparatory / Middle / Secondary level (Up to Class 12)
- ii. A Diploma / Vocational / Undergraduate / Postgraduate / Doctoral student or an alumna / alumnus
- iii. Any dropout from school / institute / university.

The Policy Implementation Committee (PIC) shall evaluate each application based on the criteria / merit and the suitable ones shall be selected as grantee under the Policy. The criteria / merit shall include parameters like active student participation (ASP), research and innovation related activities carried out in past few years, action plan and budget plan and other as decided by the PIC.

The Student Innovation Policy mandates interventions at three levels: a) State-level (strategy and planning) b) University-level (contextual policy implementation and handholding) c) Institution-level (grassroots level deployment and end-to-end support of ideas and innovations).

▪ **Support to individual Beneficiaries.**

| Beneficiary                    | Support                                                                                                                                                                                                                                                                                                         |
|--------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| All Beneficiaries              | <ul style="list-style-type: none"> <li>• Exposure to Tinkering Lab, Innovation Lab, Incubation Centres</li> <li>• Large scale sensitization, events, and programs for developing Scientific Mindset</li> <li>• Collective/Community level support system and activities</li> <li>• Capacity Building</li> </ul> |
| Class 9 to Class 12            | <ul style="list-style-type: none"> <li>• Maximum INR 20,000 per PoC/Prototype/Innovation</li> </ul>                                                                                                                                                                                                             |
| Higher and Technical Education | <ul style="list-style-type: none"> <li>• Maximum INR 2.50 Lakh per PoC/Prototype/Innovation</li> <li>• IP Support up to 100% of expenses</li> </ul>                                                                                                                                                             |

#### 4. IPR Support

Under the Policy, IPR (Intellectual property rights) strategies for academia with a special focus, provide various incentives including financial grants to support innovators.

| Type of IPR | Supportive Provisioned (Up to)                            |
|-------------|-----------------------------------------------------------|
| Patents     | INR 75,000 for Domestic, INR 1.5 Lakh for other countries |
| Copyrights  | INR 8,000                                                 |
| Trademarks  | INR 12,500                                                |

|                                                                   |            |
|-------------------------------------------------------------------|------------|
| International Registration of Marks                               | INR 50,000 |
| Industrial Design                                                 | INR 9,000  |
| Plant Variety Registry                                            | INR 33,000 |
| Semiconductor Integrated Circuits Layout-Design Registry (SICLDR) | INR 15,000 |

A State-level IP Facilitation Centre (IPFC) will function at i-Hub, which will be responsible for assisting Grantees and Beneficiaries in IP related activities. i-Hub will maintain a robust IP support system for innovators and Start-ups. The necessary guidelines for IP support will be issued by the State PMU based on the recommendation of the PIC from time to time. The IP guideline of the Education Department of the State will be effectively implemented across academia under this policy.

## 5. Goals of SSIP 2.0

Key goals of SSIP 2.0 are as follow,

- Empower all state universities to set-up and implement a comprehensive agenda of innovation and pre-incubation.
- Aim to create an environment that converts at least 1% of graduates into job creators through innovation and allied means.
- Support at least 1,000 student-led innovations per year and aim to file 1000 patents per year from state universities.
- Employ 500 student start-ups and upscale in next 5 years.
- Empower universities and educational institutions to strengthen innovation and pre-incubation support systems within.

- Create incentives, rewards, appreciation and benchmarks for innovation and student start-ups and related efforts at all levels.
- Build capacity for at least 200 educational institutions in the state over the next five years, to provide strong pre-incubation support for student/alumni start-ups and innovations.
- Undertake strategic interventions to enable all state universities to develop a full-fledged pre-incubation ecosystem in the next 5 years.

Ensure that innovation processes systematically link academia, society and SMEs so that students and teachers can solve their challenges and create more entrepreneurial opportunities.

#### ▪ **Role of Stake Holders**

- **Government:** Mandate, support, integrate and scale.
- **Academic Stakeholders:** Deploy agenda within, quality assurance, create end-to-end support system and codification.
- **Non-academic, industry and other ecosystem stakeholders:** Mentoring, market access and domain knowledge.

#### **6. College Activities during 2025-26**

## Activity :01

### SSIP-Sanctioned Innovative Student Project with Patent Application and Startup Initiative

Government Science College, Sector-15, Gandhinagar, continues to promote innovation, research, and entrepreneurship among students through the Student Startup and Innovation Policy (SSIP). As part of this initiative, an innovative project titled "**Portable Alkali-Based Hybrid Air Purification System for Gaseous and Particulate Pollutant Removal**" has been successfully sanctioned under the SSIP scheme.

The project has been developed by **Ms. Rajput Vidhiben Vijaysinh, Ms. Panchal Keta, and Ms. Panchal Aditi**, students of **M.Sc. Semester-IV (Organic Chemistry), 2025**. The project was carried out under the expert guidance of **Dr. Dasharath P. Patel, Principal (I/c), Government Science College, Sector-15, Gandhinagar**.

The proposed air purification system is an innovative and portable solution designed to effectively remove both **gaseous pollutants** and **particulate matter** from ambient air. The system integrates an **alkali-based chemical absorption mechanism** with a **hybrid filtration approach**, making it suitable for improving air quality in indoor as well as selected outdoor environments. The device is compact, energy-efficient, and designed with the objective of providing an affordable and sustainable solution to combat air pollution.

Recognizing the novelty and practical applicability of the innovation, the research team has successfully **filed a patent application** to protect the intellectual property associated with the technology. Furthermore, the project has progressed beyond the research stage and is currently **in the process of being transformed into a startup venture**, with the objective of commercializing the technology and making it accessible to society.

The successful sanction of this project under SSIP, along with the filing of a patent and initiation of a startup, reflects the institution's commitment to fostering scientific research, technological

innovation, and entrepreneurial thinking among students. It also highlights the importance of academic institutions in developing practical solutions to pressing environmental challenges such as air pollution.

Government Science College, Sector-15, Gandhinagar, congratulates the student innovators and their mentor for this remarkable achievement and wishes them continued success in translating their innovative idea into a sustainable and impactful enterprise that contributes to environmental protection and public health.

## Government Science College, Sec.-15, Gandhinagar

### A Project Sanction Under SSIP, Application Filled for Patent and In Process of Start Up

Entitled

“PORTABLE ALKALI-BASED HYBRID AIR  
PURIFICATION SYSTEM FOR GASEOUS AND  
PARTICULATE POLLUTANT REMOVAL”

<sup>1</sup>  
RAJPUT VIDHIBEN VIJAYSINH , PANCHAL KETA2, PANCHAL ADITI3

M.Sc. Semester- IV (Org. Chemistry)-2025

UNDER

THE GUIDANCE OF

Dr. Dasharath P. Patel, Principal(I/c),

Government Science College, Sec.-15, Gandhinagar.

Controller General of Patents, Designs & Trade  
Marks



सत्यमेव जयते  
G.A.R.6  
[See Rule 22(1)]  
RECEIPT



Docket No 61455

Date/Time 2025/09/03 17:09:44

To  
Amitkumar Chandubhai Patel

UserId: amitpatel

19, Jaldhara Society Near Umiya Mataji  
Temple Bhaupura At&Po: Kadi Dist:  
Mehsana Gujarat-382715

**CBR Detail:**

| Sr.<br>No. | App. Number  | Ref. No./Application<br>No. | Amount<br>Paid | C.B.R.<br>No. | Form<br>Name | Remarks                                                                                                  |
|------------|--------------|-----------------------------|----------------|---------------|--------------|----------------------------------------------------------------------------------------------------------|
| 1          | 202521083790 | TEMP/E-<br>1/93903/2025-MUM | 2080           | 36541         | FORM 1       | PORTABLE ALKALI-BASED HYBRID AIR PURIFICATION<br>SYSTEM FOR GASEOUS AND PARTICULATE<br>POLLUTANT REMOVAL |

| TransactionID | Payment Mode         | Challan Identification Number | Amount Paid | Head of A/C No   |
|---------------|----------------------|-------------------------------|-------------|------------------|
| N-0001743477  | Online Bank Transfer | 0309250047966                 | 2080.00     | 1475001020000001 |

Total Amount : ₹ 2080.00

Amount in Words: Rupees Two Thousand Eighty Only

Received from Amitkumar Chandubhai Patel the sum of ₹ 2080.00 on account of Payment of fee for above mentioned  
Application/Forms.

\* This is a computer generated receipt, hence no signature required.

Activate Windows  
Go to Settings to activate Windows.

## **Activity :02**

### **One Nation One Subscription (ONOS) Awareness**

**Program Name:** One Nation One Subscription (ONOS) Awareness Program

**Date:** 10 December 2025

**Venue:** Government Science College, Gandhinagar

**Organized by:** Library Department and Research Cell, Government Science College, Gandhinagar

#### **Introduction**

The Library Department and Research Cell of Government Science College, Gandhinagar jointly organized an awareness programme on "**One Nation One Subscription (ONOS)**" on **10 December 2025**. The programme aimed to create awareness among students, faculty members, and researchers about the Government of India's ONOS initiative, which provides centralized access to a vast collection of scholarly journals, research papers, and e-resources. The session was conducted under the guidance of the Principal, **Dr. D. P. Patel**, with the objective of promoting quality research and improving access to scientific literature.

#### **Objectives**

- To introduce participants to the **One Nation One Subscription (ONOS)** initiative.
- To demonstrate how to search and access research articles through the ONOS platform.
- To encourage students and faculty members to utilize authenticated e-resources for academic and research purposes.
- To enhance research skills and information literacy among participants.

#### **Resource Person**

The session was delivered by **Dr. Kruti Trivedi, Scientist-D (Library Science), INFLIBNET Centre**. Dr. Trivedi has been associated with INFLIBNET since 2007 and plays a significant role in

several national initiatives, including ONOS, e-Shodh Sindhu, NLIST, NIRE, and bibliometric research services. During the session, she provided comprehensive guidance on the features, benefits, and practical use of the ONOS portal.

### **Programme Highlights**

Dr. Kruti Trivedi explained the objectives and implementation of the ONOS initiative and demonstrated the process of searching scholarly literature across multiple publishers through a single platform. She emphasized the importance of authentic research sources, effective literature search strategies, and the utilization of digital resources for academic excellence.

The participants were also introduced to advanced search techniques, methods for accessing full-text articles, and the importance of ethical use of research resources. An interactive question-and-answer session enabled students and faculty members to clarify their queries regarding research databases and scholarly communication.

### **Participation**

The programme witnessed enthusiastic participation from **faculty members, research scholars, and a large number of undergraduate and postgraduate students** of Government Science College, Gandhinagar. The active involvement of the participants reflected their interest in strengthening research skills and utilizing national digital resources.

### **Organizing Committee**

The programme was successfully organized under the guidance of **Principal Dr. D. P. Patel**, coordinated by **Dr. Rajkumari Parwani (Research Cell Coordinator)** and **Dr. Jayshree Pandya (Librarian)**. The event was made successful through the dedicated efforts of the Library Department, Research Cell, faculty members, and student volunteers.

### **Outcome**

The programme significantly enhanced participants' awareness of the **One Nation One Subscription (ONOS)** initiative and equipped them with practical knowledge for accessing high-

quality scholarly resources. Students and faculty gained confidence in using digital research databases, thereby promoting a stronger research culture within the institution.

## **Conclusion**

The **One Nation One Subscription (ONOS) Awareness Programme** proved to be highly informative and beneficial. It successfully introduced participants to one of the Government of India's major initiatives for democratizing access to scholarly information. The programme encouraged the effective use of digital academic resources and reinforced the importance of research-based learning and innovation in higher education.



# Government Science College, Gandhinagar

## Library Department

### One Nation One Subscription Program

Training Session 10.12.2025

| Sr. No | Name                     | Sem       | Roll. No | Sign |
|--------|--------------------------|-----------|----------|------|
| 1.     | Hema Anna                | — Staff — |          |      |
| 2.     | Tignasa Vaghela          | — Staff — |          |      |
| 3.     | Darsha Panthani          | — Staff — |          |      |
| 4.     | N.B. Khachar             | — Staff — |          |      |
| 5.     | K.R. Patel               | — Staff — |          |      |
| 6.     | N.K. Ajitha              | — Staff — |          |      |
| 7.     | A.D. Patel               | — Staff — |          |      |
| 8.     | J.S. Patel               | — Staff — |          |      |
| 9.     | D.S. Patel               | — " —     |          |      |
| 10.    | S.B. Pandya              | — " —     |          |      |
| 11.    | N.R. Sharma              | — Staff — |          |      |
| 12.    | Vibha Vansola            | — Staff — |          |      |
| 11.    | Karan Kulkarni           | — Staff — |          |      |
| 12.    | Prishali A. Patil        | — Staff — |          |      |
| 15.    | P.S. Keshavnagar P. Tank | — Staff — |          |      |
| 16.    | Dr. K.B. Tank            | — Staff — |          |      |
| 17.    | Dr. H.P. Lakum           | — Staff — |          |      |
| 18.    | Dr. C.B. Sangani         | — Staff — |          |      |
| 19.    | Dhruvi D. Upadhyay       | 6         | 142      |      |
| 20.    | BARATI CHHAYAREK J       | 6         | 132      |      |
| 21.    | Pravi M. Patel           | 6         | 128      |      |
| 22.    | Vishva V. Patel          | 6         | 130      |      |
| 23.    | Shagor Karpal S          | 1         | 22       |      |
| 24.    | Prachi Vyas              | 6         | 128      |      |
| 25.    | Neha Shahkumari          | 6         | 162      |      |
| 26.    | Chandhavy Pujar R        | 6         | 158      |      |
| 27.    | Tanviad Smita M          | 6         | 165      |      |
| 28.    | Ratel Hatakshi v         | 1         | 153      |      |
| 29.    | Agata Hemangi P          | 1         | 96       |      |
| 30.    | Vinay Chumun             | 1         | 13       |      |
| 31.    | Nil A. Badot             | 6         | 111      |      |
| 32.    | Devang K. Chauhan        | 6         | 170      |      |
| 33.    | Manish K. Damar          | 6         | 141      |      |
| 34.    | Meethum P. Zaly          | 6         | 92       |      |
| 35.    | Pratipati Jaimil P.      | 6         | 98       |      |
| 36.    | Mahima Anish V           | 6         | 89       |      |
| 37.    | Sandip Maheshwar         | 001       | 2020     |      |
| 38.    | Toswami Naman M          | 01        | 217      |      |

**Government Science College, Gandhinagar**

**Library Department**

**One Nation One Subscription Program**

**Training Session 10.12.2025**

| Sr. No | Name                    | Sem | Roll. No | Sign               |
|--------|-------------------------|-----|----------|--------------------|
| 29     | Desai (Gaurang) R.      | 01  | 243      | R.R. Desai         |
| 40     | Devil Meet              | 01  | 176      | <del>ME</del>      |
| 31     | Makranu Akhpatasinh     | 06  | 160      | <del>AKH</del>     |
| 42     | Devanathuramsinh vishal | 06  | 166      | D.D.               |
| 43     | Gajmari Mahavirsinh     | 00  | 198      | <del>MA</del>      |
| 114    | Chavda Nishant M.       | 04  | 284      | <del>Nishant</del> |
| 45     | Chavda Nishantsinh      | 02  | 242      | <del>Nishant</del> |
| 46     | Ravi Dharmajisinh       | 02  | 247      | <del>Ravi</del>    |
| 47     | Ravi Thakore            | 4   | 78       | Ravi               |
| 48     | Hiren Patel             | 1   | 80       | Hiren              |
| 49     | Zala Suryavirsinh       | 1   | 191      | Surya              |
| 50     | Chaudhary (Surya) R     | 1   | 270      | Surya              |
| 51     | Singh Jaydip            | 1   | 275      | Jay                |
| 52     | Karthik Chirag          | 1   | 279      | Karthik            |
| 56     | Ravi Kashyap A          | 1   | 175      | Kashyap            |
| 57     | Nishant Kishan D        | 11  | 139      | Nishant            |
| 58     | Devraj Jyoti            | 11  | 127      | Jyoti              |
| 59     | Devraj (Kishan) R.      | 11  | 188      | Kishan             |
| 90     | Damod Hittu. R          | 1   | 341      | Hittu              |
| 91     | Amalgar Patil. M        | 11  | 325      | Amalgar            |
| 15     | Patil B.R.V.            | 06  | 28       | Patil              |
| 14     | Dharmaji Arjun. R       | 6th | 12       | Dharmaji           |
| 17     | Rathod Khadliak J.      | 6   | 17       | Khadliak           |
| 18     | Ramesh Ramesh           | 6   | 11       | Ramesh             |
| 19     | Dubhi Devendra M.       | 6   | 09       | D.M.D.             |
| 20     | Pandey Vansha           | 6   | 40       | Pandey             |
| 21     | Gulavani Karpur         | 4   | 285      | Gulavani           |
| 22     | Shivani Nandlalji       | 6   | 35       | Shivani            |
| 23     | Pathekar Rishabh        | 4   | 36       | R.D. Pathekar      |
| 24     | Chaudhary Dharmajisinh  | 11  | 116      | B.R.C              |
| 25     | Bansalharajiv Vaidharaj | 01  | 262      | Vaidharaj          |
| 26     | Sisodiya Vaidharaj      | 01  | 311      | Vaidharaj          |
| 27     | VADAV TRIPATHI          | 4   | 294      | VADAV              |
| 28     | MITHAPARA VATSAL        | 4   | 287      | VATSAL             |
| 29     |                         |     |          |                    |
| 30     |                         |     |          |                    |

| Ser. no | Name                    | Sem | Roll no.     |
|---------|-------------------------|-----|--------------|
| 1       | Agrawat Krishna. c      | 7   | 261          |
| 2       | Jayati Rawal.           | 7   | 307          |
| 3       | Saiyed Aaysha           | 7   | 257          |
| 4       | Mautsha Memon           | 7   | 285          |
| 5       | Hinal Parekh            | 7   | 289          |
| 6       | Ruheen Chopda           | 7   | 271          |
| 7       | Riya K Solanki          | 7   | 232          |
| 8       | Patel Charmi A          | 7   | 249          |
| 9       | Rabari Shrey R.         | 7   | 270          |
| 10      | Solanki Swarna. K       | 7   | 180          |
| 11.     | Chaudhary Meghana R.    | 7   | 106          |
| 12.     | Thakor Nimisha D.       | 7   | 182          |
| 13/66   | Parmar Jagruti O        | 7   | 166<br>17/67 |
| 14/67   | Patteliya Sureswanti. S | 7   | 351          |
| 15/90   | Chudasama Shruti H.     | 5   | 90           |
| 16/96   | Thakor Harshita V.      | 5   | 94           |
| 17/94   | Oza Khushi A            | 5   | 96           |
| 18.     | Yashvi Patel            | 5   | 97           |

## Activity :03

# Expert Lecture on Intellectual Property Rights (IPR)

**Program Name:** Expert Lecture on Intellectual Property Rights (IPR)

**Date:** 19 December 2025

**Venue:** Government Science College, Gandhinagar

**Organized by:** Student Startup and Innovation Policy (SSIP) Cell under SSIP 2.0, Government Science College, Gandhinagar

### 1. Introduction

In today's rapidly evolving knowledge-based economy, innovation has emerged as one of the most valuable assets for economic growth and sustainable development. Scientific discoveries, technological advancements, research outputs, artistic creations, and entrepreneurial ideas require adequate legal protection to encourage creativity and prevent unauthorized use. **Intellectual Property Rights (IPR)** provide such protection by granting legal rights to creators and innovators over their intellectual creations.

Recognizing the increasing importance of intellectual property in higher education, research, innovation, and entrepreneurship, the **Student Startup and Innovation Policy (SSIP) Cell** under **SSIP 2.0** at **Government Science College, Gandhinagar**, organized an **Expert Lecture on Intellectual Property Rights (IPR)** on **19 December 2025**.

The lecture was organized to create awareness among students and faculty members regarding various forms of Intellectual Property Rights, including patents, copyrights, trademarks, industrial designs, and geographical indications. The programme also emphasized the importance of protecting innovative ideas, encouraging research commercialization, and fostering a culture of innovation and entrepreneurship within the institution.

The event served as an excellent platform for participants to gain practical insights into patent filing procedures, legal protection of innovations, and the role of intellectual property in startups and academic research.

## 2. About SSIP 2.0

The **Student Startup and Innovation Policy (SSIP) 2.0**, launched by the Government of Gujarat, is a visionary initiative designed to transform educational institutions into innovation-driven ecosystems. The policy aims to nurture creativity, encourage research and innovation, promote entrepreneurship, and facilitate the commercialization of innovative ideas generated by students and faculty members.

The policy offers:

- Financial support for innovative student projects.
- Mentorship from industry experts.
- Incubation and infrastructure facilities.
- Patent filing and Intellectual Property support.
- Startup guidance and entrepreneurship training.
- Networking opportunities with industries and investors.

The **SSIP Cell** at Government Science College, Gandhinagar actively implements these objectives by organizing expert lectures, workshops, awareness programmes, startup mentoring sessions, innovation competitions, and research-based activities throughout the academic year.

## 3. Objectives of the Programme

The programme was organized with the following objectives:

- To create awareness regarding Intellectual Property Rights among students and faculty members.
- To introduce different forms of Intellectual Property including Patents, Copyrights, Trademarks, Industrial Designs, and Geographical Indications.
- To explain the patent filing process and legal procedures involved.
- To encourage protection of innovative ideas generated through research and academic projects.
- To motivate students towards innovation, startups, and entrepreneurship.
- To familiarize participants with the benefits offered under SSIP 2.0.

- To strengthen the culture of innovation and research within the institution.
- To provide practical knowledge through interaction with an experienced Intellectual Property expert.

#### 4. About the Resource Person

The expert lecture was delivered by **Mr. Amitkumar Patel, Managing Partner, PATectual IP Law Services LLP**, a distinguished Intellectual Property professional with extensive experience in Patent Law, Trademark Registration, Copyright Protection, and Startup Legal Consultancy.

Mr. Patel has guided numerous startups, educational institutions, researchers, innovators, and entrepreneurs in securing their intellectual property through patents and other legal mechanisms. His expertise in intellectual property management and commercialization of research has contributed significantly to promoting innovation across various sectors.

His practical examples, case studies, and interactive teaching style made the session highly engaging and informative for the audience.

#### 5. Inaugural Session

The programme commenced with the formal inauguration in the Seminar Hall of Government Science College, Gandhinagar.

The dignitaries, faculty members, and students were warmly welcomed by the organizing committee.

The inaugural session emphasized the growing importance of Intellectual Property Rights in higher education, research institutions, and startup ecosystems.

The atmosphere reflected the institution's commitment towards promoting innovation, entrepreneurship, and research excellence.

#### 6. Address by the Principal

The Principal, **Dr. D. P. Patel**, addressed the gathering and highlighted the importance of innovation and intellectual property protection in today's competitive world.

During his address, he emphasized that:

- Scientific discoveries and research outputs should be legally protected.
- Students should transform academic projects into innovative products.
- Intellectual Property Rights help convert ideas into valuable assets.
- Universities and colleges should actively promote innovation and startups.
- SSIP 2.0 provides excellent opportunities for students to become entrepreneurs.

He encouraged students to utilize institutional support available through the SSIP Cell and actively participate in innovation-related programmes.

He also appreciated the efforts of the SSIP Cell in organizing such meaningful academic activities.

## 7. Role of SSIP Cell Coordinator

The programme was successfully coordinated by **Dr. Rajkumari Parwani**, SSIP Cell Coordinator.

She welcomed the resource person and participants and introduced the objectives of the programme.

She explained the vision of SSIP 2.0 and highlighted various opportunities available for students including:

- Financial grants
- Prototype development
- Startup mentoring
- Patent filing assistance
- Incubation support
- Entrepreneurship guidance

She encouraged students to approach the SSIP Cell whenever they have innovative ideas or research projects requiring technical or legal support.

## 8. Technical Session

The technical session formed the core of the programme and was delivered by **Mr. Amitkumar Patel**.

### Understanding Intellectual Property Rights

Mr. Patel began by introducing the concept of Intellectual Property Rights and explained that intellectual property refers to creations of the human mind including inventions, artistic works, literary creations, designs, software, trademarks, and business innovations.

He emphasized that protecting intellectual property:

- Encourages innovation.
- Rewards creativity.
- Promotes technological advancement.
- Supports economic growth.
- Prevents unauthorized copying.

### Different Types of Intellectual Property Rights

The speaker elaborated on various categories of Intellectual Property Rights.

#### Patents

He explained patents as exclusive legal rights granted to inventors for new inventions.

Topics discussed included:

- Patentability criteria
- Novelty
- Inventive step
- Industrial applicability
- Duration of patent protection
- Rights of patent holders

## Copyright

The session covered copyright protection for:

- Books
- Research papers
- Computer software
- Music
- Films
- Artistic works

Participants learned about ownership, licensing, and copyright infringement.

## Trademarks

The lecture explained trademarks used to protect:

- Brand names
- Logos
- Symbols
- Product identity

Real-life examples from national and international companies were presented.

## Industrial Designs

Mr. Patel discussed legal protection available for aesthetic and ornamental features of products.

Examples included:

- Consumer products
- Packaging
- Electronic devices
- Fashion designs

## Geographical Indications (GI)

The participants learned about GI tags and their importance in protecting products associated with particular geographical regions.

Several Indian examples were discussed.

## 9. Patent Filing Process

One of the most appreciated sections of the lecture focused on the patent filing procedure.

The resource person explained every stage in detail:

- Identification of innovative ideas
- Patentability assessment
- Prior art search
- Drafting patent specifications
- Filing provisional application
- Filing complete specification
- Publication
- Examination
- Response to objections
- Patent grant
- Patent maintenance

He also explained common mistakes committed during patent filing and methods to avoid rejection.

## 10. Intellectual Property Rights and Startups

The speaker explained how Intellectual Property Rights contribute to startup success.

Important discussion points included:

- Building competitive advantage
- Attracting investors

- Commercialization of innovations
- Technology transfer
- Licensing opportunities
- Startup valuation
- Protection against infringement

Students were encouraged to secure patents before publicly disclosing their innovations.

## 11. Case Studies and Practical Examples

To simplify legal concepts, Mr. Patel presented several practical examples and case studies from Indian industries and startup ecosystems.

The examples demonstrated:

- Successful patent commercialization.
- Trademark disputes.
- Copyright infringement.
- Protection of innovative technologies.
- Importance of documentation.

These real-world examples made the technical concepts easier to understand.

## 12. Interactive Question and Answer Session

The lecture concluded with an engaging interaction session.

Students and faculty members raised several questions regarding:

- Patent eligibility.
- Filing costs.
- Copyright registration.
- Startup legal formalities.
- Ownership of student innovations.
- Patent duration.

- International patent filing.
- Technology transfer.

Mr. Patel answered every query patiently with practical explanations, making the session highly interactive and informative.

### 13. Participation

The programme witnessed enthusiastic participation from the academic community.

Participants included:

- Undergraduate students
- Postgraduate students
- Research-oriented students
- Faculty members
- SSIP Cell members

More than **80 students** and **15 faculty members** attended the lecture.

The participants actively engaged throughout the programme and appreciated the practical knowledge shared by the expert.

### 14. Learning Outcomes

The programme successfully achieved its objectives.

The participants:

- Developed a comprehensive understanding of Intellectual Property Rights.
- Learned practical aspects of patent filing.
- Understood the legal protection available for innovations.
- Recognized the importance of protecting research outcomes.
- Became aware of startup opportunities under SSIP 2.0.
- Gained confidence to pursue innovation and entrepreneurship.

- Enhanced their research and innovation capabilities.

## 15. Impact of the Programme

The expert lecture significantly strengthened the innovation ecosystem within Government Science College, Gandhinagar.

The programme:

- Increased awareness about Intellectual Property Rights.
- Motivated students to think creatively.
- Promoted research commercialization.
- Encouraged startup culture.
- Strengthened collaboration between academia and legal professionals.
- Enhanced the effectiveness of SSIP initiatives in the institution.

## 16. Vote of Thanks

The programme concluded with a formal Vote of Thanks delivered by the organizing committee.

The Resource Person, Principal, faculty members, participants, and organizing team were sincerely thanked for their valuable contributions and active participation.

The event ended with a commitment to organize more expert lectures and innovation-oriented programmes under **SSIP 2.0** to cultivate a vibrant culture of research, innovation, and entrepreneurship.

## 17. Conclusion

The **Expert Lecture on Intellectual Property Rights (IPR)** organized by the **SSIP Cell under SSIP 2.0** on **19 December 2025** was a highly informative and impactful programme. The expert guidance provided by **Mr. Amitkumar Patel** enabled participants to understand the legal, academic, and commercial significance of Intellectual Property Rights. Through comprehensive discussions on patents, copyrights, trademarks, industrial designs, and geographical indications, the lecture

equipped students and faculty members with essential knowledge to protect and commercialize their innovative ideas.

The inspirational address by **Principal Dr. D. P. Patel**, the effective coordination by **Dr. Rajkumari Parwani**, and the enthusiastic participation of students and faculty contributed significantly to the success of the event. The programme successfully aligned with the objectives of **SSIP 2.0** by fostering innovation, encouraging entrepreneurship, and strengthening the institution's research culture. It served as a valuable platform for promoting awareness of intellectual property and inspired participants to pursue innovation responsibly while contributing to the nation's growing knowledge economy.

Session: Intellectual Property Rights.

## Attendance Sheet

| Sr. No | Name                    | Roll. No. | Sem   | Mobile No.  | Sign        |
|--------|-------------------------|-----------|-------|-------------|-------------|
| 1.     | AMIN VISHWA .K          | 203       | SEM-4 | 9428027105  | V.K. Amin   |
| 2.     | ALICIA SOCRATES PALAT   | 202       | SEM-4 | 9427627999  | Alicia      |
| 3.     | Nimerna Rejwal R.       | 238       | SEM-4 | 7041200101  | Nimerna     |
| 4.     | Jayraj Jadhavi S.       | 226       | SEM-4 | 9383732380  | Jayraj      |
| 5.     | Chunhan Surekha V.      | 216       | SEM-4 | 9662970915  | Chunhan     |
| 6.     | Chaudhari Shireni K.    | 209       | SEM-4 | 8457878405  | Shireni     |
| 7.     | Getaliya Devanshi P.    | 222       | SEM-4 | 9313328536  | Devanshi    |
| 8.     | Baniya Vandana K.       | 206       | SEM-4 | 9213392506  | V.K. Baniya |
| 9.     | Rondaniya Arisa B.      | 225       | SEM-4 | 9016700457  | Arisa       |
| 10.    | Crohil Bhumi K.J.       | 224       | SEM-4 | 9638943288  | Bhumi       |
| 11.    | Gevadiya Riya R.        | 223       | SEM-4 | 8511671548  | Riya        |
| 12.    | Bhalaji Jens I.         | 208       | SEM-4 | 99877735010 | Jens        |
| 13.    | Limbari Astha P.        | 231       | SEM-4 | 9714632644  | Astha       |
| 14.    | Khachari Rutvika P.     | 229       | SEM-4 | 7984249715  | Rutvika     |
| 15.    | Chaudhary Sakshi P.     | 212       | SEM-4 | 9328345603  | Sakshi      |
| 16.    | LODHARE RAJPA G.        | 285       | SEM-4 | 7874941000  | Rajpa       |
| 17.    | RATHUA RASHMI J.        | 36        | SEM-4 | 6353110871  | Rashmi      |
| 18.    | PARGI RASHMI. S.        | 70        | SEM-6 | 8799528932  | Rashmi      |
| 19.    | Yashvi Patel            | 97        | SEM-4 | 9328792144  | Yashvi      |
| 20.    | Chauhan Bhagyashree R.  | 46        | SEM-4 | 9046961004  | Bhagyashree |
| 21.    | Yadav Trupti G.         | 294       | SEM-4 | 8160658790  | Trupti      |
| 22.    | PRATAPATI JAHANVI M.    | 291       | SEM-4 | 6355255358  | Jahanvi     |
| 23.    | Mithuprasad Weighali B. | 287       | SEM-4 | 6355255358  | Weighali    |
| 24.    | Sutthar Dhruv .H.       | 43        | SEM-4 | 7069671047  | Dhruv       |
| 25.    | KAMAL DHRUV M.          | 81        | SEM-4 | 9409540006  | Dhruv       |
| 26.    | SUVAN PRIYANKA M.       | 84        | SEM-4 | 9313821403  | Priyanka    |
| 27.    | THAKOR KANCHAN R.       | 70        | SEM-4 | 9773061704  | Kanchan     |
| 28.    | PARMAR NIDHI K.         | 69        | SEM-4 | 9106362749  | Nidhi       |
| 29.    | Patel Hetal K.          | 153       | SEM-4 | 9327506006  | Hetal       |
| 30.    | Diga P. Chaudhari       | 115       | SEM-6 | 9925223345  | P. Diga     |
| 31.    | Ayushi P. Bhardga       | 112       | SEM-6 | 8200762668  | Ayushi      |
| 32.    | Arti N. Chaudhari       | 114       | SEM-6 | 706247975   | Arti        |
| 33.    | Vishva V. Patel         | 130       | SEM-6 | 9849762743  | Vishva      |
| 34.    | Khushi B. Pandya        | 124       | SEM-6 | 9664826369  | Khushi      |
| 35.    | Diga A. Patel           | 106       | SEM-6 | 980573873   | Diga        |
| 36.    | Sakshi N. Patel         | 129       | SEM-6 | 9265160619  | Sakshi      |
| 37.    | VASAVA PRIYANSHI N.     | 77        | SEM-6 | 6353286971  | Priyanshi   |
| 38.    | VASAVA PRIYAL L.        | 60        | SEM-6 | 7201038655  | Priyal      |
| 39.    | NIYATI .V. PATEL        | 127       | SEM-6 | 9313786002  | Niyati      |
| 40.    | PIYATI M. PATEL         | 128       | SEM-6 | 9016054558  | Piyati      |
| 41.    | HARSH M. Sakurijel      | 135       | SEM-6 | 9328460837  | Harsh       |
| 42.    | Nil A. Buxet            | 111       | SEM-6 | 971110991   | Nil         |
| 43.    | Devang K. Chauhan       | 170       | SEM-6 | 9313911775  | Devang      |
| 44.    | Jaymeet P. Katariya     | 159       | SEM-6 | 7600664663  | Jaymeet     |
| 45.    | manish K. Daman         | 171       | SEM-6 | 81211211871 | manish      |

Date - 19/12/25

**Attednace Sheet**

| Sr. No | Name                | Roll. No.   | Sem       | Mobile No. | Sign   |
|--------|---------------------|-------------|-----------|------------|--------|
| 1      | Heena Arya          | Staff       | Botany    |            | thi    |
| 2      | Mamta Singh         | Staff       | Chem      |            | thi    |
| 3      | Azeefa Baakza       | Staff       | Micro     |            | Azeefa |
| 4      | Dipati Jashni       | Staff       | Zool.     |            | thi    |
| 5      | J. D. Pundya        | Staff       | Lib       |            | thi    |
| 6      | Vaishali A. Patil   | Staff       | Physics   |            | thi    |
| 7      | Vibha Vansola       | Staff       | Phys.     |            | thi    |
| 8      | Garsha Sanehania    | Staff       | Chemistry |            | thi    |
| 9      | Rohit m. Patel      | "           | Botany    |            | thi    |
| 10     | N. B. Khachar       | Staff       | chem      |            | thi    |
| 11     | K. B. Zambet        | Staff       | Physics   |            | thi    |
| 12     | V. M. Patel         | Staff       | Botany    |            | thi    |
| 13     | C. C. Ambekar       | Staff       | Micro     | 98256 6893 | thi    |
| 14     | Dr. Rajkumari Pawar | Coordinator | Botany    |            | thi    |
| 15     |                     | SSIP        |           |            |        |
| 16     |                     |             |           |            |        |
| 17     |                     |             |           |            |        |
| 18     |                     |             |           |            |        |
| 19     |                     |             |           |            |        |
| 20     |                     |             |           |            |        |
| 21     |                     |             |           |            |        |



## PRESS NOTE



## Activity: 04

### SSIP 2.0 Project Implementation Committee (PIC) Meeting and Startup Grant Distribution

**Date:** 6<sup>th</sup> March 2026

**Venue:** Government Science College, Gandhinagar

**Organized by:** Student Startup and Innovation Policy (SSIP) Cell, Government Science College, Gandhinagar

#### Introduction

Government Science College, Gandhinagar has received a financial grant of **₹6.00 lakh** from the Government of Gujarat under the **Student Startup and Innovation Policy (SSIP) 2.0** to promote innovation, entrepreneurship, and startup culture among students. The grant aims to encourage students to develop innovative ideas into commercially viable products and startups by providing financial assistance, mentorship, and institutional support.

Under the visionary leadership and guidance of **Principal Dr. D. P. Patel**, the **SSIP Cell**, coordinated by **Dr. Rajkumari Parwani**, organized the **Project Implementation Committee (PIC) Meeting** on 6<sup>th</sup> March 2026 to evaluate and approve student startup proposals for financial assistance.

#### Objective of the PIC Meeting

The meeting was organized with the following objectives:

- To review innovative startup proposals submitted by students.
- To provide financial assistance under SSIP 2.0 for selected startup projects.
- To encourage innovation, entrepreneurship, and product development among students.
- To support prototype development and commercialization of innovative ideas.
- To strengthen the startup ecosystem within the institution.

#### Financial Assistance Sanctioned

During the Project Implementation Committee (PIC) Meeting, startup proposals were evaluated by the committee, and **financial assistance amounting to ₹3.84 lakh** was sanctioned for **five innovative startup projects** under SSIP 2.0.

The grants were approved based on the novelty, feasibility, social impact, technological innovation, and commercialization potential of the projects.

### Mentorship Details

The selected startup projects are being mentored by faculty members of the college.

Under the Mentorship of Dr. Rajkumari Parwani

- Ms. Jayati Rawal
- Ms. Mantasa Memon
- Ms. Heenal Parekh

Under the Mentorship of Prof. Pritesh Khatri

- Ms. Ayesha Banu Saiyed
- Ms. Madhavi Nigodiya

The faculty mentors are providing continuous technical guidance, innovation support, and project monitoring to ensure successful implementation of the startup initiatives.

### Prototype Development

Two innovative prototypes have already been successfully developed under SSIP support.

#### 1. Face Recognition Attendance System

##### **Developed by:**

- Mr. Devang Chauhan
- Mr. Neel Barot
- Mr. Jaymeet Kataria

This Artificial Intelligence (AI)-based attendance management system automatically records attendance by recognizing the faces of students. The system helps eliminate proxy attendance, saves valuable classroom time, and maintains accurate digital attendance records.

It represents a smart solution for educational institutions seeking efficient and transparent attendance management.

#### Key Features

- AI-powered facial recognition
- Automatic attendance marking
- Prevention of proxy attendance
- Accurate digital records
- Time-efficient and user-friendly

## 2. RFID-Based Library Management System

The team has also developed an RFID-enabled Library Management System that automates book issue, return, and tracking operations.

The implementation of RFID technology minimizes manual work, reduces operational errors, improves inventory management, and significantly enhances the efficiency of library services.

#### Key Features

- Automated book issue and return
- Real-time tracking of books
- Reduced manual intervention
- Improved library management
- Faster and more efficient services

#### Approved Startup Projects

The following innovative startup projects received approval under SSIP 2.0.

##### 1. Utsav Sathi

**Student Innovator:** Ms. Mantasa Memon

**Title:****Utsav Sathi – A Community-Based Festival and Event Service Startup****Project Overview**

Utsav Sathi is an affordable event management startup designed primarily for middle-class families. The project aims to simplify the organization of weddings, festivals, and family functions by providing economical and reliable event management services.

The startup also promotes the "**Vocal for Local**" initiative by creating employment opportunities for local artists, decorators, and service providers.

**Expected Benefits**

- Affordable event planning
- Support to local businesses
- Employment generation
- Better celebration experiences for families
- Promotion of local talent

**2. Khadi-Z****Student Innovator:** Ms. Heenal Parekh**Project Overview**

**Khadi-Z** is an innovative startup that integrates traditional Khadi weaving with modern textile technology to develop high-performance luxury fabrics.

The startup aims to bridge India's rich handloom heritage with contemporary scientific advancements while creating sustainable livelihood opportunities for rural artisans.

**Vision**

- Empower rural weavers
- Promote sustainable textiles
- Develop premium Khadi products

- Build a global brand for modern Khadi

Tagline

**"Traditional Weaving, Modern Science."**

### 3. TEXO

The startup titled **TEXO** has also been approved under SSIP 2.0. The project focuses on innovation and product development, with further technical implementation to be carried out under faculty mentorship.

### 4. Development of Lignin-Based Paper Supercapacitor

Project Overview

This innovative project aims to convert lignin, a waste by-product generated by the paper industry, into porous carbon for developing paper-based supercapacitors.

The project is based on the "**Waste to Wealth**" concept and promotes sustainable utilization of industrial waste while contributing to green energy storage technologies.

Objectives

- Waste utilization
- Sustainable energy storage
- Green technology development
- Value addition to industrial waste
- Promotion of circular economy

### 5. Modular Smart Radiation Monitoring Device (MSRMD)

Project Overview

The **Modular Smart Radiation Monitoring Device (MSRMD)** is an indigenous IoT-enabled system designed to monitor environmental radiation levels in real time.

The proposed device is economical, portable, and suitable for use in hospitals, laboratories, research institutions, nuclear facilities, and disaster management operations.

## Expected Applications

- Radiation monitoring
- Public safety
- Disaster management
- Medical institutions
- Environmental monitoring

## 6. Calcium Oxide-Based Water Heating System

**Student Innovator:** Ms. Rusha Thakor

**Mentors:** Principal Dr. D. P. Patel and Dr. Chetan Sanghani

### Project Overview

This innovative project proposes the use of **Calcium Oxide (Quicklime)** to generate heat for warming water in extremely cold regions such as border areas and Himalayan regions.

The project is intended to provide an economical and portable solution for heating drinking and bathing water in remote locations.

### Potential Applications

- Indian Armed Forces stationed in cold regions
- Border security personnel
- Disaster relief camps
- Student hostels
- Paying Guest (PG) accommodations
- Remote rural areas

The project has significant potential for improving living conditions in harsh climatic environments while providing an energy-efficient alternative for water heating.

## Outcome of the PIC Meeting

The Project Implementation Committee successfully evaluated and approved innovative student startup proposals under SSIP 2.0.

The meeting resulted in:

- Approval of five startup projects for financial assistance.
- Distribution of grants worth **₹3.84 lakh**.
- Encouragement of innovation and entrepreneurship among students.
- Promotion of interdisciplinary research and prototype development.
- Strengthening of the startup ecosystem at Government Science College, Gandhinagar.
- Enhanced opportunities for commercialization of student innovations.

## Conclusion

The **Project Implementation Committee (PIC) Meeting**, organized on 6th March 2026 under the **Student Startup and Innovation Policy (SSIP) 2.0**, marked another significant milestone in promoting innovation and entrepreneurship at **Government Science College, Gandhinagar**. With a Government grant of **₹6.00 lakh**, the institution reaffirmed its commitment to nurturing student innovators through financial assistance, expert mentorship, and institutional support.

The approval of innovative startup projects spanning artificial intelligence, smart library automation, sustainable materials, advanced textiles, radiation monitoring, event management, and energy-efficient technologies reflects the diverse research and entrepreneurial potential of the students. Under the leadership of **Principal Dr. D. P. Patel** and the dedicated coordination of **Dr. Rajkumari Parwani**, the SSIP Cell continues to create a vibrant ecosystem that encourages creativity, problem-solving, and technology-driven innovation.

At the conclusion of the meeting, **Principal Dr. D. P. Patel**, along with the faculty mentors and the entire SSIP team, congratulated all the selected student innovators and encouraged them to continue transforming their ideas into impactful products and successful startups that contribute to society and the nation's innovation ecosystem.



# સરકારી વિજ્ઞાન કોલેજ, ગાંધીનગર ખાતે સ્ટુડન્ટ સ્ટાર્ટઅપ એન્ડ ઈનોવેશન પોલિસી ૨.૦ અંતર્ગત પોલિસી ઈમ્પ્લીમેન્ટેશન કમિટી મીટીંગ યોજાઈ

**ગાંધીનગર સમાચાર**

ગાંધીનગર, તા. ૧૫  
સરકારી વિજ્ઞાન કોલેજ,  
ગાંધીનગર ખાતે સ્ટુડન્ટ સ્ટાર્ટઅપ  
એન્ડ ઈનોવેશન પોલિસી ૨.૦  
અંતર્ગત આચાર્ય ડૉ. ડી.પી. પટેલના  
નેતૃત્વ અને માર્ગદર્શન હેઠળ SSIP

આ સ્કીમ અંતર્ગત સરકારશ્રી દ્વારા  
રૂપિયા ૧૦.૫ લાખની આર્થિક  
સહાય મળેલ છે.

**SSIP 2.0** કોર્ડીનેટર ડૉ.  
રાજકુમારી પારવાણીની મેન્ટોરશિપ  
હેઠળ ત્રણ વિદ્યાર્થીનીઓ રાવલ  
જયતિ :-**TEXO** -

કચરાનું સંચાલન સુધારવાનું,  
પર્યાવરણનું સંરક્ષણ કરવાનું અને  
ટકાઉ વિકાસને પ્રોત્સાહન આપવાનું  
લક્ષ્ય છે.

આ અગાઉ આચાર્ય ડૉ.  
ડી.પી પટેલની મેન્ટોરશિપ હેઠળ  
વિધિ રાજપુત અને ટીમ દ્વારા



કોઓર્ડિનેટર ડૉ. રાજકુમારી  
પારવાણી દ્વારા પોલિસી  
ઈમ્પ્લીમેન્ટેશન કમિટી મીટીંગનું  
આયોજન તા. ૬ માર્ચ ૨૦૨૬ ના  
રોજ કરવામાં આવેલ જેમાં  
એક્સટર્નલ એક્સપર્ટ એચ.એમ.  
પટેલ ડિરેક્ટર ઈકો ગ્રીન પ્રોડક્ટ  
પ્રાઈવેટ લિમિટેડ તથા પ્રણવ દેસાઈ  
સ્ટાર્ટઅપ ઈકો સિસ્ટમ એક્સપર્ટ  
**cofounder** ઓફ રીકો  
સોલ્યુશન ઉપસ્થિત રહેલ તથા  
પોતાનું મંતવ્ય રજૂ કરેલ અને અંતે  
**5 startup**ની મંજૂરી આપેલ.

**Transforming textile waste into Eco-friendly tiles with the x factor of industrial optimization** આ પ્રોજેક્ટનો  
મુખ્ય ઉદ્દેશ ટેક્સટાઈલ કચરાને  
નવીન રીતે ઉપયોગમાં લઈ તેને  
**Eco-friendly** અને આકર્ષક  
ટાઈલ્સમાં રૂપાંતરિત કરવાનો છે.  
આ ટાઈલ્સ માત્ર સુંદર દેખાવ જ  
નહીં, પરંતુ ઉત્તમ અવાજ નિયંત્રણ  
(**acoustic**) ક્ષમતા પણ ધરાવે  
એવો પ્રયાસ છે. આ પહેલ દ્વારા

**green house absorption system**  
પ્રોજેક્ટ ઉપર ઉત્કૃષ્ટ પરિણામ  
મેળવેલ છે તથા પેટન્ટ ની પ્રોસેસ  
કરેલ છે. હાલમાં માર્કેટએબલ  
ડિવાઈસ ની કામગીરી ચાલી રહેલ  
છે. ભૂતપૂર્વ કોર્ડીનેટર પ્રાધ્યાપક  
પ્રહલાદ ચૌધરી, વાઈસ ચેરપર્સન  
ડૉ.ચેતન અંબાસણા, કો-  
કોઓર્ડિનેટર ડૉ.આરેફા બકગા,  
ઓએસડી, કેસીજી, પ્રિતેશ ખત્રી,  
ડૉ.ચેતન સંઘાણીનું અગાઉની સ્ટાર્ટ  
અપ માં યોગદાન રહેલ છે.

ક્રમાંક નં.કેસીજી/SSIP/૨૦૨૫-૨૬/૨૫૩૮

નોલેજ કોન્સોર્ટિયમ ઓફ ગુજરાત  
પ્રજ્ઞા પુરમ કેમ્પસ, પી.આર.એલ.  
નવરંગપુરા, અમદાવાદ  
તા. ૧૬/૦૩/૨૦૨૬

પ્રતિ,  
આચાર્યશ્રી,  
સરકારી કોલેજો (યાદી મુજબ)  
ગુજરાત રાજ્ય.

વિષય: રાજ્યની સરકારી કોલેજોને સ્ટુડન્ટ સ્ટાઈઅપ એન્ડ ઇનોવેશન પોલીસી (SSIP2.0)ની ગ્રાન્ટ ફાળવવા બાબત.

સંદર્ભ:- GKS કમિશ્નર ઓફ ટેકનિકલ એજ્યુકેશનના પત્ર ક્રમાંકનં: GKS/SSIP/2022-23/78 તા. ૦૬/૦૮/૨૦૨૨

કચેરી આદેશ,

ઉપરોક્ત વિષય અન્વયે જણાવવાનું કે નિયામકશ્રી ટેકનિકલ શિક્ષણની કચેરી, ગુજરાત રાજ્ય દ્વારા એસ.એસ.આઈ.પી-૨.૦ના અમલીકરણ માટે વર્ષ ૨૦૨૨-૨૩ માટે રૂ.૬૦ કરોડની આવર્તક રકમમાંથી કુલ રૂ.૧૦ કરોડની ગ્રાન્ટ હાથર એજ્યુકેશન પી.એમ.યુ માટે કેસીજી કચેરીને ફાળવવામાં આવેલ છે. સ્ટુડન્ટ સ્ટાઈઅપ એન્ડ ઇનોવેશન પોલીસી (SSIP-2.0) અંતર્ગત ઉચ્ચ શિક્ષણ કમિશ્નરના તાબા હેઠળની કોલેજો સાથે MoU સાઈન કરવામાં આવેલ છે. જે અન્વયે આ સાથેના એનેક્સર-A મુજબની ૮ કોલેજોને કુલ રૂ.૨૨,૫૦,૦૦૦/-ની ગ્રાન્ટ તેઓના નામની સામે દર્શાવેલ રકમ નીચેની શરતોને આધીન રહી ફાળવવાના આદેશ કરવામાં આવે છે.

શરતો:-

૧. આ ગ્રાન્ટ જે હેતુ માટે ફાળવવામાં આવેલ હોય તે જ હેતુ માટે ખર્ચ કરવાનો રહેશે. અન્ય કોઈ હેતુ માટે ખર્ચ કરી શકાશે નહિ.
૨. તા.૩૦-૦૬-૨૦૨૬ સુધીમાં આ ગ્રાન્ટનું વપરાશી પ્રમાણપત્ર નિયત કરેલ ફોરમેટમાં કેસીજી કચેરીને મોકલી આપવાનું રહેશે.

3. આ મંજૂરી અન્વયે કરવાનો થતો ખર્ચ જે તે વર્ષની અંદાજપત્રની જોગવાઈને આધીન અને નાણા વિભાગ દ્વારા ફાળવવામાં આવતી ગ્રાન્ટની મર્યાદામાં કરવાનો રહેશે.
4. ગુજરાત સરકારશ્રીના નાણા વિભાગની વખતોવખતની જોગવાઈઓને આધીન ધારાધોરણ અને નીતિ નિયમો અનુસાર ખર્ચ કરવાનો રહેશે. વધુમાં નાણાકીય ઔચિત્યના સિદ્ધાંતોનું ચૂસ્ત રીતે પાલન કરવાનું રહેશે.
5. ગ્રાન્ટના હિસાબો મહાલેખાકારશ્રી, અમદાવાદ/રાજકોટ, ઉચ્ચ શિક્ષણ કમિશ્નરશ્રીની કચેરી, ગુજરાત રાજ્ય ગાંધીનગર તથા કેસીજી કચેરીની ઓડીટ પાર્ટીશ્રીને ઓડીટ સમયે આ અંગેના તમામ ખર્ચ કરેલા હિસાબો/વાઉચરોની ચકાસણી કરાવવાની રહેશે.
6. ઉદ્યોગ & ખાણ વિભાગના તા.૧૪/૦૩/૨૦૨૪ના ઠરાવ અન્વયે જાહેર કરેલ ગુજરાત રાજ્ય ખરીદ નીતિ ૨૦૨૪ અન્વયેના સક્ષમ સત્તાધિકારી પાસેથી મંજૂરી મેળવ્યા બાદ L-1 એજન્સી પાસેથી સેવાઓ લઈ શકાશે.
7. ઉક્ત યોજના માટેના જે તે સમયે સરકારશ્રી દ્વારા નક્કી થયેલ શરતો, નિયમો, સૂચનાઓ, તથા લક્ષ્યાંકો અનુસાર જ કરવાપાત્ર થતી કામગીરી તથા ખર્ચ કરવાના રહેશે.
8. આ યોજનાના અમલ માટે કોઈ નવું મહેકમ ઉભું કરી શકાશે નહિ.
9. ઉક્ત શરતોને મંજૂરી આપવામાં આવેલ હોઈ તેમાં કોઈ પણ સંજોગોમાં ઉચ્ચ શિક્ષણ કમિશ્નરશ્રીની કચેરીની પૂર્વ મંજૂરી વિના ફેરફાર કરી શકાશે નહિ.

(માન.સીઈઓ,કેસીજીની નોંધ પર મળેલ મંજૂરી અનુસાર)

  
OSD (SSIP)  
કેસીજી,અમદાવાદ

બિડાણ:

01. ગ્રાન્ટ ફાળવવાની થતી કોલેજોની યાદી(એનેક્સર-A)
02. એસ.એસ.આઈ.પી-૨.૦ના અમલીકરણ માટેની ગાઈડલાઈન્સ.

| <b>Annexure-A</b> |                                                  |                  |
|-------------------|--------------------------------------------------|------------------|
| <b>Sr. No</b>     | <b>College Name</b>                              | <b>Amount</b>    |
| 1                 | PRINCIPAL GOVT ART'S AND SCIENCE COLLEGE, BAVLA  | 1,00,000         |
| 2                 | SSIP GOVERNMENT SCIENCE COLLEGE, VALOD           | 1,50,000         |
| 3                 | GOVERNMENT SCIENCE COLLEGE, PARDI                | 1,00,000         |
| 4                 | GUJARAT ARTS AND COMM COLLEGE EVENING, AHMEDABAD | 5,00,000         |
| 5                 | GOVERNMENT LAW COLLEGE, AHMEDABAD                | 1,00,000         |
| 6                 | GOVERNMENT SCIENCE COLLEGE, GANDHINAGAR          | 6,00,000         |
| 7                 | GOVERNMENT COMMERCE COLLEGE, NARODA              | 5,00,000         |
| 8                 | GOVERNMENT SCIENCE COLLEGE, VADNAGAR             | 2,00,000         |
| <b>TOTAL</b>      |                                                  | <b>22,50,000</b> |

  
 OSD (SSIP)  
 કેસીજી, અમદાવાદ

## Activity :05

### Grant Release Order Report

As per the Grant Release Order issued by Government Science College, Gandhinagar on **15 April 2026**, the first installment of financial assistance under the **Student Startup and Innovation Policy (SSIP 2.0)** was released to five student-led Proof of Concept (PoC) projects approved by the Policy Implementation Committee (PIC). The grants were sanctioned to promote innovation, entrepreneurship, and startup development among students.

A total project grant of **₹6,20,000** was sanctioned, out of which the **first installment of ₹3,84,000** was released through **NEFT/RTGS** to the respective students' bank accounts. The grant supports innovative projects in the fields of sustainable technology, green energy, smart devices, and community-based services.

This financial assistance reflects the institution's commitment to encouraging research, innovation, and entrepreneurship under the **SSIP 2.0 initiative**, thereby enabling students to transform their innovative ideas into viable products and startups.



# GOVERNMENT SCIENCE COLLEGE

Sector – 15, Gandhinagar-382016

Principal (I/C)

Dr. D. P. Patel

Website:- [www.gscgandhinagar.in](http://www.gscgandhinagar.in)

E-mail: [gscgnr@gmail.com](mailto:gscgnr@gmail.com)

Tel. (O) : 079-23222352

(M) : 98987 91698

NAAC Accredited B+  
(CGPA-2.67)



ક્રમાંક :

Govt. Science College  
Gandhinagar

Date : 15/04/2026

To,

Accounts and Admin Dept.,

Government Science College,

Gandhinagar.

Inward No. 143

Date 15/04/26

Signature 15

**References:** Grant Order Sanctioned by PIC Committee (Order no.: GSC/2026-27/SSIP/895-900.

**Subject:** Disbursement of 1<sup>st</sup> Installment of Grant Sanctioned by PIC, Government Science College, Gandhinagar held on 6<sup>th</sup> March 2026

Dear Sir/Madam,

This is with reference to the **Grant Order** sanctioned by the **Policy Implementation Committee (PIC)** of Government Science College, Gandhinagar. As per the decision taken during the PIC meeting held on **8<sup>th</sup> April 2025**, the committee has approved a total grant of **Rs. 2,50,000/-** for **1 Proof of Concepts (PoCs)** developed by students of our college.

The **Student Startup and Innovation Policy (SSIP 2.0)** has been effective from **04/01/2022**, following the resolution passed by the Education Department of the State of Gujarat, bearing **Resolution No. PRC/102021/SSIP/2.0/934/S**. Under this policy, all students studying in universities, higher and technical institutions, and schools are eligible to participate. This initiative is being implemented over a period of **5 years (2022-2027)**, covering financial years **2022-23 to 2026-27**.

Our institute, **Government Science College, Gandhinagar**, signed an **MoU** on **11th September 2023** with the **Project Management Unit (PMU) Centre** at the Commissionerate of Higher Education, Gandhinagar. Under this agreement, we have received the first installment of FY 2025-26 of **Rs. 6,00,000/-** in the **SSIP 2.0 Govt. Science College, Gandhinagar Account** at **SBI, Sector-10B, Gandhinagar Branch**.

The table below (**Table-1**) provides the details of the students, their projects, the sanctioned amounts, the approved disbursement as the first installment and the bank details for each student.

Inward Clerk  
Government Science College  
Sector-15, Gandhinagar.  
SSIP2.0 GSCGNR

Page 1 of 3

**Table-1:** Grant Disbursement Details for Students' PoCs as per reference

| Sr. No. | Name of Students                  | Project Name                                                                                         | Sanctioned Amount (Rs.) | Approved First Installment (Rs.) | Bank Details    |                                            |
|---------|-----------------------------------|------------------------------------------------------------------------------------------------------|-------------------------|----------------------------------|-----------------|--------------------------------------------|
| 1.      | Rawal Jayati Janardan             | TEXO Transforming Textile Waste into Eco-Friendly Tiles with the X Factor of Industrial Optimization | 90,000/-                | 63,000/-                         | Name of A/C     | MISS RAWAL JAYATI JANARDAN                 |
|         |                                   |                                                                                                      |                         |                                  | Bank and Branch | UNION BANK OF INDIA, SECTOR 28 GANDHINAGAR |
|         |                                   |                                                                                                      |                         |                                  | A/C             | 041722010001762                            |
|         |                                   |                                                                                                      |                         |                                  | IFSC            | UBIN0904171                                |
| 2.      | Mantsa Ismailbhai Meman           | UTSAV SATHI A Community Based Festival & Event Service Startup                                       | 40,000/-                | 28,000/-                         | Name of A/C     | MANTSA ISMAILBHAI MEMAN                    |
|         |                                   |                                                                                                      |                         |                                  | Bank and Branch | BANK OF INDIA PALANPUR                     |
|         |                                   |                                                                                                      |                         |                                  | A/C             | 230010110031442                            |
|         |                                   |                                                                                                      |                         |                                  | IFSC            | BKID0002300                                |
| 3.      | Aayshabanu Mohammed razzak Saiyed | Innovation of Green Energy Storage:- Inkjet-Printed Biodegradable Paper Supercapacitor               | 2,50,000/-              | 1,25,000/-                       | Name of A/C     | SAIYED AAYSHABANU                          |
|         |                                   |                                                                                                      |                         |                                  | Bank and Branch | BANK OF BARODA JUHAPURA                    |
|         |                                   |                                                                                                      |                         |                                  | A/C             | 73250100007023                             |
|         |                                   |                                                                                                      |                         |                                  | IFSC            | BARB0DBJUHA                                |

| Sr. No. | Name of Students               | Project Name                                      | Sanctioned Amount (Rs.) | Approved First Installment (Rs.) | Bank Details    |                                |
|---------|--------------------------------|---------------------------------------------------|-------------------------|----------------------------------|-----------------|--------------------------------|
| 4.      | Hinal Rakeshkumar Parekh       | Khad-Z                                            | 1,40,000/-              | 98,000/-                         | Name of A/C     | PAREKH HINAL                   |
|         |                                |                                                   |                         |                                  | Bank and Branch | SBI, PATAN                     |
|         |                                |                                                   |                         |                                  | A/C             | 40318751574                    |
|         |                                |                                                   |                         |                                  | IFSC            | SBIN0000486                    |
| 5.      | Nigotiya Madhviben Pradeepbhai | Modular Smart Radiation Monitoring Device (MSRMD) | 1,00,000/-              | 70,000/-                         | Name of A/C     | MRS NIGOTIYA MADHVIBEN         |
|         |                                |                                                   |                         |                                  | Bank and Branch | BANK OF BARODA, VASNA, GUJARAT |
|         |                                |                                                   |                         |                                  | A/C             | 10048100006441                 |
|         |                                |                                                   |                         |                                  | IFSC            | BARB0VASNAX                    |
| Total   |                                |                                                   | 6,20,000/-              | 3,84,000/-                       | -               |                                |

You are hereby ordered to disburse the grant to the students mentioned in **Table-1** in "**Approved First Installment (Rs.)**" column the first installment for respective projects summing to a total of 3,84,000/- through NEFT/RTGS mode to the respective students as per Bank details mentioned in the last column of **Table-1**. The grant orders for these students are attached for your reference.



  
**Dr. D. P. Patel**  
Principal (I/C)  
Government Science College,  
Gandhinagar

**Attachment:**

1. The Sanction/Grant Order of the student.
2. Copies of Bank details for reference.

SSIP2.0 GSCGNR

Page 3 of 3



# GOVERNMENT SCIENCE COLLEGE

Sector – 15, Gandhinagar-382016

Principal (I/c)

Dr. D.P. Patel

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(M) : 94267 37221

NAAC Accredited B+  
(CGPA-2.67)

ક્રમાંક : GSC/2026-27/SSIP/895-900

Date : 03/04/26

## Sanction Order / Grant Order

Reference: Minutes of the Meeting of SSIP 2.0 Committee of the Government Science College, Gandhinagar dated 06.03.2026

This is with reference to the **Student Startup and Innovation Policy (SSIP 2.0)**, initiated by the Education Department, Government of Gujarat. In accordance with the said policy, the **Policy Implementation Committee (PIC)** has been constituted at Government Science College, Gandhinagar. The SSIP 2.0 has been effective from **04/01/2022**, pursuant to the resolution passed by the **Education Department, Government of Gujarat**, vide Resolution No. **PRC/102021/SSIP/2.0/934/S**. The policy is being implemented across all universities, higher and technical education institutions, and schools in Gujarat for a period of **five years (2022-2027)**, covering financial years **2022-23 to 2026-27**.

Government Science College, Gandhinagar, entered a Memorandum of Understanding (MoU) with the Project Management Unit (PMU) Centre, **Commissionerate of Higher Education, Gandhinagar**, on **11th September 2023**, for the execution of SSIP 2.0 activities at the institute level. Pursuant to this MoU, the institution has received the first installment of FY 2025-26 installment of **Rs. 6,00,000/-** (Rupees Six Lakh only) in the SSIP 2.0 Account maintained at State Bank of India, Sector-10B Branch, Gandhinagar.

In the **Policy Implementation Committee (PIC)** Meeting held on **6th March 2026**, the committee approved the disbursement of grants to selected student innovators/teams. The grants have been sanctioned after a thorough evaluation of the innovative projects by the Institute-Level SSIP Committee, with an emphasis on practical solutions to real-world challenges. The list of students/teams **approved for grant allocation** under SSIP 2.0 is enclosed herewith as **Annexure-A** for reference.

The following members of the Institute-Level SSIP Committee were involved in the sanctioning process:

### **Institute-Level SSIP2.0 Committee Members**

| Sr. No. | Name with Designation                                                       | Nomination  |
|---------|-----------------------------------------------------------------------------|-------------|
| 1       | Dr. D. P. Patel (I/C, Principal)<br>Government Science College, Gandhinagar | Chairperson |

SSIP 2.0 Grant Order-2025/26, GSCGNR

Page 1 of 5

| Sr. No. | Name with Designation                                                                                         | Nomination       |
|---------|---------------------------------------------------------------------------------------------------------------|------------------|
| 2       | Dr.Rajkumari Parwani(Coordinator)<br>Asso. Prof. Govt. Science College, Gandhinagar                           | Member Secretary |
| 3       | Dr Arefa A. Baakza (Co-Coordinator)<br>Asst. Prof. Govt. Science College, Gandhinagar                         | Member           |
| 4       | Mr. Harshadkumar M. Patel (Industry Expert)<br>(Director, Eco Green Products Pvt. Ltd.)                       | Member           |
| 5       | Dr. Amit C. Patel (IPR Expert)<br>(PATectual IP Law Services LLP.)                                            | Member           |
| 6       | Mr. Pranav Desai (Startup Ecosystem expert)<br>(Cofounder of Recosolution)                                    | Member           |
| 7       | Mr. Darpan Kadu (Startup Ecosystem expert)<br>(Founder & CEO, Techinnovate Mobility Pvt. Ltd.)                | Member           |
| 8       | Dr. Jolly Desai (Academic/Technical Expert)- Invited,<br>Asst. Prof. Govt. Arts College, Gandhinagar          | Member           |
| 9       | Dr. Dhaval Nakum (Academic/Technical Expert)- Invited,<br>Asst. Prof. Govt. Commerce College, Gandhinagar     | Member           |
| 10      | Mr. Prahlad Chaudhary (Academic/Technical Expert) - Invited<br>Asst. Prof. Govt. Science College, Gandhinagar | Member           |
| 11      | Dr. Chetan Sangani (Academic/Technical Expert)<br>Asst. Prof. Govt. Science College, Gandhinagar              | Member           |
| 12      | Dr.Y. M. Patel (Academic/Technical Expert)<br>Asso. Prof. Govt. Science College, Gandhinagar                  | Member           |
| 13      | Dr.N. R. Modi (Academic/Technical Expert)<br>Asst. Prof. Govt. Science College, Gandhinagar                   | Member           |
| 14      | Mr. Pritesh Khatri (Academic/Technical Expert)<br>Asst. Prof. Govt. Science College, Gandhinagar              | Member           |
| 15      | Dr Heena Prajapati (Academic/Technical Expert)<br>Asst. Prof. Govt. Science College, Gandhinagar              | Member           |

The sanctioned grants must be utilized in strict adherence to the rules and regulations set forth by the **SSIP 2.0 Policy** as outlined by the Government of Gujarat. Below are the key terms and conditions for the disbursement and utilization of the grant:

**Terms and Conditions:**

1. The student/innovator team must submit a **monthly expense report** through their mentor or team leader to the SSIP Implementation Committee. The expenses should be documented in detail, reflecting the utilization of funds for the approved project purposes.
2. The grant will be disbursed in **up to three installments**. The release of subsequent installments will depend on satisfactory project progress, as determined by the SSIP committee based on the monthly expense reports and project reviews.

3. All installments will be **finally approved and signed off** by the SSIP committee of the grantee institute after careful verification of the progress reports and submitted expense details.
4. Upon utilization of the grant, a **Utilization Certificate** (format attached as **Annexure-I**) must be submitted. The certificate should be signed by the faculty mentor and certified by the **SSIP Coordinator and Head of Institute**. It must confirm that the grant has been spent solely on the purposes stated in the project proposal.
5. All grantees are expected to follow the terms and conditions of the **SSIP 2.0 Policy** as established by the Government of Gujarat. Any deviations or misuse of the funds may result in termination of the grant and recovery of disbursed amounts.

The **Annexure-A** contains the list of students/teams, name of Mentor, Number of Installments in which grant will be disbursed, Sanctioned grant and the grants for disbursement as first installment under SSIP 2.0. Mentors shall ensure that all grantees adhere to the above conditions and submit the necessary reports and certificates in a timely manner.

For any clarifications or further details, you may contact the Head of the Institute/SSIP Coordinator/mentor.

We congratulate the students on their innovative ideas and look forward to the successful execution of their projects with the support of the SSIP 2.0 initiative.

Warm regards,



**Dr. D. P. Patel**  
(I/C) Principal  
**Government Science College,**  
**Gandhinagar**

Copy Forward to:

- SSIP Cell, Government Science College, Gandhinagar (Select File)
- Students and Mentor as listed in Annexure-A
- Principal, Government Science College, Gandhinagar (Select File)

### Annexure-A

#### List of Students Awarded Grant under SSIP 2.0

| Sr. No.      | Student Name/Team Leader         | Mentor Name           | Project Title                                                                                        | Total Instalments | Sanctioned Grant Amount | 1 <sup>st</sup> Installment |
|--------------|----------------------------------|-----------------------|------------------------------------------------------------------------------------------------------|-------------------|-------------------------|-----------------------------|
| 1.           | Rawal Jayati Janardan            | Dr. Rajkumari Parwani | TEXO Transforming Textile Waste into Eco-Friendly Tiles with the X Factor of Industrial Optimization | 2                 | 90,000/-                | 63,000/-                    |
| 2.           | Mantsa Ismailbhai Meman          | Dr. Rajkumari Parwani | UTSAV SATHI A Community Based Festival & Event Service Startup                                       | 2                 | 40,000/-                | 28,000/-                    |
| 3.           | Aayshabanu Mohammedrazzak Saiyed | Mr. Pritesh Khatri    | Innovation of Green Energy Storage:- Inkjet-Printed Biodegradable Paper Supercapacitor               | 3                 | 2,50,000/-              | 1,25,000/-                  |
| 4.           | Hinal Rakeshkumar Parekh         | Dr. Rajkumari Parwani | Khad-Z                                                                                               | 2                 | 1,40,000/-              | 98,000/-                    |
| 5.           | Nigotiya Madhviben Pradeepbhai   | Mr. Pritesh Khatri    | Modular Smart Radiation Monitoring Device (MSRMD)                                                    | 2                 | 1,00,000/-              | 70,000/-                    |
| <b>Total</b> |                                  |                       |                                                                                                      |                   | <b>6,20,000/-</b>       | <b>3,84,000/-</b>           |

## **Annexure-I**

### **Utilization Certificate from Innovator**

**(To be Submitted Quarterly to SSIP Coordinator)**

**Subject:** Utilization certificate for Assistance for PoC project under SSIP 2.0 grant.

**Project Title :**

**Project ID :**

**Department :**

**Grant Sanctioned:**

**Sanction Order No:**

**Name of Applicants**(List out all the students working on this project):

The following is the list of items/services purchased with original invoices attached for the purpose of SSIP 2.0 PoC project at Name of Institute. We certify that this amount has been spent for the purpose it was meant.

| Sr.          | Name and details of Item/Service | Quantity procured | Amount Paid |
|--------------|----------------------------------|-------------------|-------------|
| 1            |                                  |                   |             |
| 2            |                                  |                   |             |
| <b>Total</b> |                                  |                   |             |

Yours sincerely,

**Innovator**

**Faculty Mentor**

**Encl.** Print out of online prices/ Market Survey report /Inquiry Quotes Received

SSIP 2.0 Grant Order-2025/26, GSCGNR

Page 5 of 5

## Activity :06

### Proof of Concept (PoC) Project Completion Report

Under the **Student Startup and Innovation Policy (SSIP 2.0)**, three student-led Proof of Concept (PoC) projects were successfully completed at Government Science College, Gandhinagar under the guidance of faculty mentors and the SSIP Cell. These projects addressed real-world challenges through innovative technological solutions and demonstrated the practical applicability of the proposed concepts.

#### 1. Gardening Service Van

The PoC project "**Gardening Service Van**" was successfully completed by **Mr. Shloulkik Rajeshkumar Dave** under the mentorship of **Dr. Prahlad Chaudhary**. The project aims to provide quick, systematic, and on-call garden maintenance services in Ahmedabad and Gandhinagar using a van equipped with modern gardening machinery. The innovative service model supports urban beautification, environmental sustainability, and efficient garden maintenance. Upon successful completion, all grant-funded equipment was formally submitted to the College SSIP Committee.

#### 2. Face Recognition Based Attendance System

The PoC project "**Face Recognition Based Attendance System**" was successfully completed by **Nilkumar Ashishkumar Barot, Devang Kiritkumar Chauhan, and Jaymeet Pravinbhai Katariya** under the mentorship of **Dr. Pritesh Khatri** and **Dr. Prahlad Chaudhary**. The project developed an AI-based attendance management system using real-time face recognition technology to eliminate proxy attendance and automate classroom attendance recording. The system was successfully developed and validated up to the Proof of Concept stage.

#### 3. RFID Based Library Management System

The PoC project "**RFID Based Library Management System**" was successfully completed by **Devang Kiritkumar Chauhan, Nilkumar Ashishkumar Barot, and Jaymeet**

**Pravinbhai Katariya** under the mentorship of **Dr. Pritesh Khatri** and **Dr. Prahlad Chaudhary**. The project introduced an RFID-enabled solution to automate library operations, including book tracking, issue/return management, and inventory control. The system demonstrated its practical feasibility and successfully achieved the Proof of Concept stage.

## Conclusion

The successful completion of these Proof of Concept projects reflects the institution's commitment to promoting **innovation, entrepreneurship, and technology-driven problem solving** under **SSIP 2.0**. The projects demonstrate the creativity, technical competence, and dedication of the student innovators while contributing practical solutions in the fields of environmental services, digital attendance management, and smart library automation. The college appreciates the sincere efforts of all student innovators, mentors, and the SSIP Cell for successfully completing these innovative projects.

## CERTIFICATE OF PROJECT COMPLETION

This is to certify that the students listed below have successfully completed the SSIP project titled **"RFID Based Library Management System"** at **Government Science College Gandhinagar** under the guidance of our mentors.

The project focused on developing a low-cost digital solution to automate traditional library operations using RFID technology for book tracking, issuing, and returning. The team successfully completed the project up to the Proof of Concept (POC) stage and demonstrated its practical implementation.

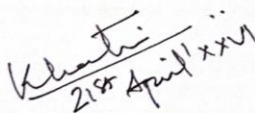
### Team Members

- Devang Kiritkumar Chauhan
- Nilkumar Ashishkumar Barot
- Jaymeet Pravinbhai Katariya

### Mentors

- Pritesh Khatri Sir
- Prahlad Chaudhary Sir

We appreciate their sincere efforts, teamwork, and innovative approach toward solving real-world problems.

  
Project Mentor

  
Principal  
Government Science College,  
Sector-15, Gandhinagar.

  
SSIP Coordinator



## CERTIFICATE OF PROJECT COMPLETION

This is to certify that the students listed below have successfully completed the SSIP project titled **"Face Recognition Based Attendance System"** at **Government Science College Gandhinagar** under the guidance of our mentors.

The project involved developing an AI-based attendance system using real-time face recognition technology to eliminate proxy attendance and digitize classroom attendance management. The system was successfully developed and tested up to the Proof of Concept (POC) stage.

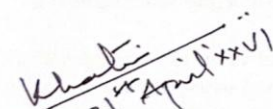
### Team Members

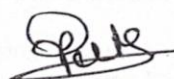
- Nilkumar Ashishkumar Barot
- Devang Kiritkumar Chauhan
- Jaymeet Pravinbhai Katariya

### Mentors

- Pritesh Khatri Sir
- Prahlad Chaudhary Sir

We appreciate their dedication, technical skills, and innovative contribution to this project.

  
Project Mentor



Principal

Principal

Government Science College,  
Sector-15, Gandhinagar.

  
SSIP Coordinator



## CERTIFICATE OF PROJECT COMPLETION

This is to certify that the student mentioned below have successfully completed the SSIP project titled GARDENING SERVICE VAN at Government science college Gandhinagar under the guidance of SSIP coordinators.

The concept behind this garden service van is to provide quick, on call basic and systematic work regarding garden maintenance in urban areas surrounding Ahmedabad and Gandhinagar areas where huge need of quick garden maintenance services with modern machineries on wheel (by van) to keep them up-to-date due beautification and environmental purposes which are the need of hour.

The student has formally submitted the grant-funded equipment to the college's SSIP committee.

INOVATOR:

MR. SHLOUKIK RAJESHKUMAR DAVE

MENTOR:

DR. PRAHLAD CHAUDHARY

We appreciate their sincere efforts, hard work, innovative approach toward solving real-world problems.

  
DR. PRAHLAD CHAUDHARY

PROJECT MENTOR

  
DR. D. P. PATEL

PRICIPAL(I/C)

  
DR. RAJKUMARI PARWANI

SSIP COORDINATOR

# "Student Startup and Innovation Policy Utilization Certificate"

Government Science College, Gandhinagar (2025-26)

Date: 17/04/2026

## A - Details of Grant

| Grant contribution | Student Innovation Fund till (Year:2025-26) | Grantee Matching Fund till (Year:2025-26) | Other Source Fund till (Year:2025-26) | Total   |
|--------------------|---------------------------------------------|-------------------------------------------|---------------------------------------|---------|
| As per MoU         | 3300000                                     | 0                                         | 0                                     | 3300000 |
| SSIP Disbursed     | 1050000                                     | 0                                         | 0                                     | 1050000 |

## B- Details of Expenditure During (Year:2025-26)

| Activity head                                                           | Amount spent from Student Innovation Fund During in (Year:2025-26)(Rs.) | Amount spent from Grantee Matching Fund During in (Year:2025-26)(Rs.) | Amount spent from Other Source Fund During in (Year:2025-26)(Rs.) | Total Spent |
|-------------------------------------------------------------------------|-------------------------------------------------------------------------|-----------------------------------------------------------------------|-------------------------------------------------------------------|-------------|
| 1 PoCs / Prototype / Innovation                                         | 125000                                                                  | 0                                                                     | 0                                                                 | 125000      |
| 2 IP Filing                                                             | 45000                                                                   | 0                                                                     | 0                                                                 | 45000       |
| 3 Tinkering lab development, infrastructure, administration, and others | 3000                                                                    | 0                                                                     | 0                                                                 | 3000        |

## C - Previous Years Used

|                                                    |        |   |   |        |
|----------------------------------------------------|--------|---|---|--------|
| Total of Section                                   | 205000 | 0 | 0 | 205000 |
| D - Details of Balance Amount after (Year:2025-26) |        |   |   |        |
| Total of Section                                   | 672000 | 0 | 0 | 672000 |

SSIP Coordinator  
Signature & Seal:

Account Officer  
Signature & Seal:

Statutory Auditor(CA)  
Signature & Seal:

Principal/VC  
Signature & Seal:

UDIN No : 2613343392KYLAA  
Date 17/04/2026 -1972  
Principal  
Government Science College  
Sector-15, Gandhinagar.



Knowledge Consortium of Gujarat  
Passing No. 231412a  
Date: 17/04/2026

For, S. A. PATHAN & CO.  
Chartered Accountants

(S. A. Pathan)  
Proprietor  
M. No. 133439



## SSIP 2.0 Committee List – 2025-26

| Sr. No. | Name of Staff | Designation | Signature |
|---------|---------------|-------------|-----------|
| 1.      |               |             |           |
| 2.      |               |             |           |
| 3.      |               |             |           |
| 4.      |               |             |           |
| 5.      |               |             |           |
| 6.      |               |             |           |
| 7.      |               |             |           |
| 8.      |               |             |           |
| 9.      |               |             |           |