Student Start-up and Innovation Policy for the State of Gujarat (SSIP 2.0)

Education Department
Government of Gujarat

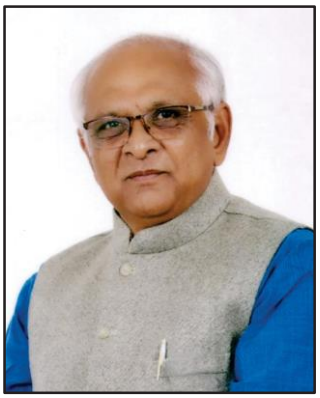
2022-2027

"Innovation no longer remains a choice but has become an imperative."

"Start-ups are the engines of exponential growth, manifesting the power of innovation. Several big companies today are Start-ups of yesterday. They were born with a spirit of enterprise and adventure kept alive due to hard work and perseverance and today have become shining beacons of innovation."

Shri Narendra Modi
Prime Minister of India

Bhupendra Patel
Chief Minister, Gujarat



MESSAGE

With enormous growth across different sectors, Gujarat established at pioneer spot of development across the Nation. Entrepreneurship is in the vein of Gujarati people. Government emphasizes to nurture new innovators and provide such atmosphere for the new venture that could become a successful entrepreneur. To augment the spirit of entrepreneurship amongst our youth, the State education department has made systematic efforts to promote student innovation and Start-up culture in the Gujarat. Synergistic endeavours of the Universities, Colleges and R&D Institutions along with a systematic support mechanism to develop Start-up ecosystem in the State has been a key driver. A holistic innovation ecosystem would lead Gujarat to be a favourable destination for innovators and Start-ups across the country.

The innovation mindset should be inculcated at an early stage of education to enable the students for solutions with a focus on solving real-world challenges and unmet needs of the State and the Nation. Student Start-up ecosystem would grow across the State when collaboration is ensured among mentors, academia, and industry. Thus, a conducive Start-up environment would further encourage students to transform their ideas into prototypes and leading to the creation of successful Start-ups. I hope the **Student Start-up and Innovation Policy (SSIP 2.0)** would ensure the entrepreneurial growth of the youth across the State. This will prove to be a definitive step towards creating an **Aatmanirbhar Gujarat.**

(Bhupendra Patel)

Jitubhai Vaghani
Minister,
Education (Primary, Secondary and Adult), Higher and Technical Education, Science & Technology
Government of Gujarat

MESSAGE

It is the dream of our Prime Minister and mentor Shri Narendrabhai Modi to see startups, technology, and innovation as exciting and effective instruments for India's transformation. Gujarat is striving to be a part of this dream. In which the best work is being done in the direction of innovation and Start-up under the able guidance of Hon'ble Shri Amitbhai Shah and the leadership of Shri Bhupendrabhai Patel, Chief Minister of Gujarat.

New fields are emerging globally for students and young innovators. In tune with these fields, the Government is consistently pursuing dedicated efforts like Student Start-up and Innovation Policy (SSIP), National Innovation and Start-up Policy (NISP), Atal Innovation Mission, and Start-up India.

Student Start-up and Innovation Policy (SSIP 2.0) has been formulated by coordinating the best efforts of national and international level and considering the excellent results and achievements of SSIP implemented since 2017. SSIP 2.0 is designed to advance the student-centered innovation and Start-up approach, taking into account the feedback from the beneficiaries of the Start-up ecosystem. This policy shall help the young children, adult students and individuals, who are working on innovations to get patents and subsequently develop a Proof-of-Concept (PoC) and Start-up.

Under this policy, all schools, institutions, universities in the state will develop and implement a long-term roadmap for building innovation and start-up culture, making Gujarat the top-performing and preferred Start-up hub in the country.

(Jitubhai Vaghani)

Dr. Kuberbhai Dindor

Minister of State,
Higher & Technical Education,
Statutory & Parliamentary Affairs,
Government of Gujarat

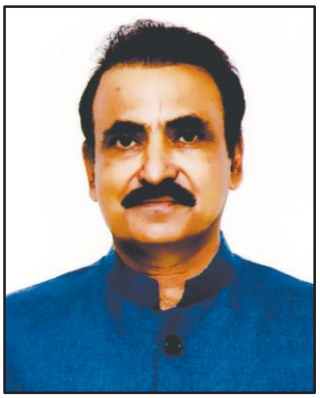
MESSAGE

Gujarat state is known for its entrepreneurship and industrial development. We are getting solutions to many unsolved problems of the society through Start-ups. Our students are helping themselves and society in a big way by solving people's unresolved problems through Start-ups. Various activities are being carried out to increase the number of Start-ups in the State. Current SSIP has accelerated innovation and Start-ups across the State and now SSIP 2.0 will consolidate and integrate this entire ecosystem.

Gujarat state has maintained the first rank in the field of Start-ups in the entire country for the last two years. The main objective of this policy is to maintain Gujarat's leadership in the Start-up sector at the national level.

I wish this innovative policy great success.

(Dr. Kuberbhai Dindor)



Pankaj Kumar

Chief Secretary,
Government of Gujarat

MESSAGE

Innovation is an essentially propelling force in the development of any country and its economy. Inclusive innovation and Start-ups play a vital role in holistic development of the community. There are immense possibilities for wide-spread impact by leveraging disruptive technological interventions, implementation of innovative techniques towards improvement of quality of life in the society.

The Education Department, Government of Gujarat has been instrumental in creating a progressive policy focusing on student innovation and Start-ups in the Nation. The Policy has created an accessible platform for innovators across the academia in realizing their true potential. The efforts and impact of this policy have received immense acknowledgment at the national level, recognizing Gujarat as the top performing state by DPIIT.

I convey my best wishes for the implementation of SSIP 2.0 across the State. I hope this Policy would play a major role in fostering innovations and Start-ups.

(Pankaj Kumar)

Foreword

Innovation and entrepreneurship are looked upon as two imperative drivers of the prosperity and growth of a Nation. The Government has made dedicated efforts to perpetuate a culture of innovation and entrepreneurship amongst the youth by introducing various initiatives such as Startup India, Atal Innovation Mission, National Innovation and Start-up Policy to name a few.

In its 75th year of Independence when India is celebrating 'Azadi ka Amrit Mahotsav', Gujarat is committed to realizing the Hon'ble Prime Minister's vision of an 'Aatmanirbhar Bharat'. Culturally endowed with a spirit of enterprise, Gujarat has been proactively inculcating innovation and entrepreneurship across the academia, through the Student Start-up and Innovation Policy (SSIP).

In its first phase, the SSIP focused on fostering the spirit of innovation and entrepreneurship along with institutionalizing the support mechanisms and creating incubation opportunities across Higher and Technical Education institutions.

While unfolding SSIP 2.0, the aim is to go in for horizontal and vertical extension of the Policy as also to further augment the ecosystem by subsuming and catering to the student population across all ages, domains and sectors. The thrust of the Policy also includes holistic socio-economic development, promoting the sunrise sectors of the economy and taking recourse to innovation to effectively address various challenges and issues faced by the society at large.

SSIP 2.0 is an eloquent manifestation of the commitment of the Government to further strengthen and encourage the Innovation and Start-up culture in the State. The efforts of the SSIP Formulation Committee, Gujarat Knowledge Society, Knowledge Consortium of Gujarat, and other officials of the Department of Education are duly acknowledged. Last but not the least, we are truly indebted to the Government of India and the State Government for their unstinting guidance and support without which SSIP 2.0 could not have seen the light of the day.

Gandhinagar
05/01/2022

S. J. Haider, IAS
Principal Secretary
Education Department,
Government of Gujarat

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Preamble

The Start-up culture in India has been an ever-growing phenomenon, which has been gaining wide recognition as an engine of growth and employability. Through innovations and scalable technologies, Start-ups have the potential to generate impactful solutions and thereby act as vehicles of socio-economic developments thus transforming human lives. However, to inculcate a Start-up culture and a conducive environment for economic growth it is imperative to drive and nurture innovation ethos across the nation, permeating through all layers of society. In fact, from its early days, India has recognized the significance of innovation and reformation. The Constitution of India, under its fundamental duties states in Article 51 A *(h) to develop the scientific temper, humanism and the spirit of inquiry and reform; and (j) to strive towards excellence in all spheres of individual and collective activity so that the nation constantly rises to higher levels of endeavour and achievement.*

As a Nation, India has been recognized as one of the fastest growing Start-up ecosystems in the world and emerging as the third largest Start-up hub across the globe. The Government of India has spent the past decade, in unleashing the creative potential of every citizen and inculcating the spirit of innovation and entrepreneurship in every stratum of the society. The Government of India started a host of initiatives such as Atal Innovation Mission (AIM), Start-up India, Stand-up India, amongst others directed towards empowering the youth and educational institutions of the country. To further strengthen this goal, the Government of India, has now shifted its primary focus on institutionalizing the Start-up ecosystem across the country by developing a systematic linkage amongst innovation, strategy, execution and market scaling. In this direction, the Government of India, has launched the National Innovation and Start-up Policy 2019 (NISP) that aims at empowering students with suitable toolkits which are necessary to establish a bridge from ideation to business development/ market entry strategy. The National Education Policy (NEP) 2020 has given an ample

thrust to harness the creative potential of youth across academia through innovation and entrepreneurship. The main objective of such initiatives is to cultivate and promote innovation mindset and entrepreneurial culture across the Nation.

The State has been receiving specific recognition in the innovation and Start-up sector, while becoming one of the pioneers in the country. The Education Department of the State launched a unique policy for students known as Student Start-up and Innovation Policy (2017-2021) for a large pool of students across Universities and Institutes to develop and nurture their potential for innovation and entrepreneurship. This Policy was built on a student-centric perspective to support student innovators and involve different stakeholders.

The Student Start-up and Innovation Policy (SSIP 2.0) aims to promote innovations and Start-ups in the traditional and new age technology along with the sunrise sectors. The innovations in clean and green energy, climate change towards achieving India’s pledge of net zero emissions by 2070 will be encouraged. Thrust areas like semi-conductors, robotics, electric vehicles, waste management, artificial intelligence, machine learning, Internet of Things, Blockchain will also be in focus. However, the Policy aims to support sector agnostic innovations and Start-ups.

The State Education Department is further strengthening the Policy and broadening its outreach such that a resilient end-to-end ecosystem is developed. The Policy establishes progressive linkages amongst innovation, execution, business development and market entry. The Policy will institutionalize support mechanism that progressively facilitates students through each stage of their entrepreneurial journey. The Policy emphasizes horizontal inclusion of all streams across the academia and vertical extension in Schools, Institutes and Universities.

1. Student Start-up and Innovation Policy (SSIP 2.0)

1.1 Vision

Empowering the young population of the State to unlock their creative potential through Start-up and Innovation so as to enable them to contribute for sustainable development and inclusive growth towards the realization of Aatmanirbhar Gujarat.

1.2 Mission

- Create a student-centric innovation and incubation ecosystem across the academia.
- Establish an Innovation and Start-up Ecosystem at all levels of education: Schools, Institutes and Universities.
- Develop functional incubators at all universities in the State.
- Scout and nurture innovation and Start-up across academia and enable them for maximum value creation for the industry, society and the State at large.
- Build internal capacity of educational institutions and strengthening mentoring processes.
- Promote Intellectual Property related awareness programmes and develop mechanisms for filing and approvals of IP.
- Set up a common robust digital platform that would allow seamless support to stakeholders.
- Develop an integrated mechanism of performance analysis by fixing predetermined Key Performance Indicators (KPIs).
- Encourage students, innovators and Start-ups in sunrise sectors, traditional and disruptive technologies.
- Formulate and implement various interventions and mandates based on learnings from best practices and past efforts to facilitate the journey of Mind-to-market.
- Nurture the evolution of Gujarat Start-up ecosystem across its various phases like emergence, activation, integration and maturity.

1.3 Goals and Objectives

1) Outreach and sensitize 5 million students for innovation and entrepreneurship, covering at least 1000 Higher Educational Institutions (HEIs) and 10,000 Schools of the State.
2) Support to 10,000 student-led Proof-of-Concepts (PoCs/Prototype).
3) Assistance to 5000 IP filings.
4) Build capacity for at least 500 educational institutions and universities in the State, to have a robust preincubation support system for beneficiaries.
5) Nurture 1000 school student led innovations.
6) Groom 1500 student Start-ups and upscale existing Start-ups.
7) Incubate 500 Start-up (physical and virtual).
8) Support to 500 Start-up under Start-up Srujan Seed Support (Up to INR 10 Lac).

1.4 Strategy

- Developing an ecosystem that would endow students to convert challenges into potential opportunities while utilizing State's demographic dividends.
- Involving all levels of eligible beneficiaries from school, higher and technical education.
- Enabling the educational institutes to actively engage students, faculty members, and staff members in innovation and entrepreneurship related activities.
- Providing end-to-end support mechanisms in all activities related to innovation such as pre-incubation, mentoring, knowledge resource pool, cohort support, industry expertise, procurement, and IPRs.
- Creating an ecosystem for Collaboration, Co-creation, Knowledge Exchange, Social Innovation and Industry Relations.
- Encouraging grantees for collaborations through networking and infrastructure sharing for greater engagement.

- Establishing Hub and Spoke Innovation and Start-up ecosystem development for wider outreach and sustainable impact.
- Motivating innovators and Start-ups supported through the Policy to contribute towards sustainable development goals and long-term inclusive development of the State.
- Implementing an incentive-based system for innovation and Start-up for Grantees and Beneficiaries.

1.5 Policy Period

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

1.6 Eligibility Criteria for Educational Institutions

To be eligible to take benefit of the Policy, a university shall be

i. based in Gujarat;
ii. a Public University/Private University (as per the Gujarat Private University Act, 2009 and as amended from time to time); and
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.

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; and
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.

To be eligible to take benefit of the Policy, a school shall be

i. based in Gujarat; and
ii. a Government/Grant-in-Aid/Private school

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.

1.7 Eligibility Criteria for Individual Beneficiaries

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

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

The innovation of the beneficiary should contribute towards either development or improvement of any product or process or service in existing or new fields; or should be a scalable business model with a potential to generate employment or wealth creation.

2. Definitions

Accelerators: Start-up Accelerators design programs in batches and transform promising business ideas into reality under the guidance of mentors and several other available resources. Usually accelerators provide mentorship, access to technology, office space and access to an innovative community into a relatively shorter timeline for faster growth.

Atal Innovation Mission (AIM): The Atal Innovation Mission (AIM) is Government of India's endeavor 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, Start-up businesses and other self-employment activities, particularly in technology driven areas. AIM is established under the NITI Aayog.

Angel Investors: An angel investor is an individual who invests his or her personal capital in exchange of equity or debt proportion of the company in early stage.

Beneficiary: Beneficiary is any young adult (up to the age of 35 years) who receives the benefits and grants under the Policy.

Educational Institution: Government / Grant-in-aid / Self-financed School, Government / Grant-in-aid / Self-financed College affiliated to a recognized University, and Government / Grant-in-aid / Self-financed University in the State.

Grantees: Any Educational Institution that receives funding under the Policy.

Hackathon: The word hackathon is a portmanteau of the words hacker and marathon, an event marked by endurance. The event includes competitive programming, providing solutions, algorithms, and application development to the problems of society, industry, government, local bodies and strategic/national interest.

Incubator: Incubator is an organization established to accelerate the growth of Start-up, through an array of business support, resources, mentorship, networking and other common services such as physical space, capital, and coaching.

Industry 4.0: Industry 4.0 is the fourth industrial revolution, wherein there is ongoing automation of traditional manufacturing and industrial practices using modern smart technology.

Innovation: 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.

Intellectual Property (IP): The term "Intellectual Property" used herein broadly means any property generated out of the intellectual effort of the creator, either having proprietary value or protected by statute.

Intellectual Property Rights (IPR): Intellectual Property Rights (IPR) are the rights given to persons over the creations of their minds. They usually give the creator an exclusive right over the use of his/her creation for a certain period of time.

Minimum Viable Product (MVP): A Minimum Viable Product (MVP) is a version of a product with just enough features/functionalities to be usable by early users/customers who can then provide feedback for future product development.

Preincubation: Preincubation makes up early-stage support systems for the innovation & Start-up value chain that comprises an enabling environment to trigger creative ideas, hand-holding ideas at conceptualization 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.

Proof-of-Concept (PoC): Proof-of-Concept is the stage where the innovator/Start-up demonstrates a fundamental functioning of the idea/hypothesis/innovation.

Prototype: A prototype is a pre-production/pre-launch stage where the innovator/Start-up team has developed a basic Minimum Viable Product (MVP) with most key features desired in the final product.

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 so as to be self-reliant. Start-up may also be an entity that satisfies the requirements of the Department for Promotion of Industry and Internal Trade (DPIIT), Government of India, notification dated 17.02.2016 as specified in the G.S.R 180 (E) and amendments.

Tinkering Lab/Fab Lab/Makers Lab: A Tinkering Lab/Fab Lab is a combination of experimental research and specialization, where students may tinker with emerging/advanced technology and fabricate/create new products/prototypes.

Year: A year is a Financial Year.

3. Institutional Mechanism and Implementation of the Policy

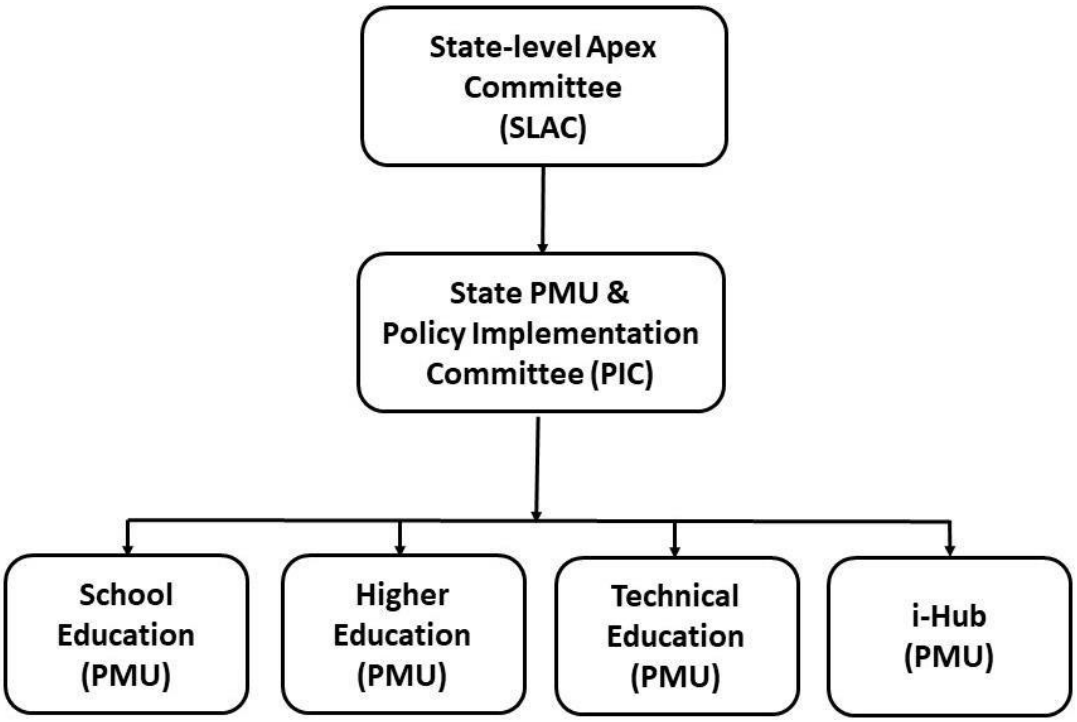
A State-level Apex Committee (SLAC) will be responsible for providing guidance to steer the overall implementation and coordination of the Policy. The SLAC shall comprise the following members:

1	Hon'ble Minister of Education	Chairperson
2	Hon'ble Minister of State - Higher and Technical Education	Co-Chair
3	Hon'ble Minister of State - Primary, Secondary and Adult Education	Co-Chair
4	ACS/PS/Secretary, Higher and Technical Education	Vice-Chair
5	ACS/PS/Secretary, Industries and Mines	Member
6	Secretary, Finance (Expenditure)	Member
7	ACS/PS/Secretary, Science & Technology	Member
8	ACS/PS/Secretary, Primary and Secondary Education	Member
9	Commissioner/Director, Technical Education	Member Secretary
10	Commissioner/Director, Higher Education	Member
11	Commissioner of Schools	Member
12	Two Vice-Chancellors from State Universities and Two Vice-Chancellors from Private Universities	Invitee Members
13	Chairman, AICTE	Member
14	Mission Director, Atal Innovation Mission	Member
15	Three Start-up Ecosystem Representatives	Invitee Members

The Policy Implementation Committee (PIC) will be responsible for implementation of the Policy and shall comprise the following members:

1	ACS/PS/Secretary, Higher and Technical Education	Chairperson
2	ACS/PS/Secretary, Primary and Secondary Education	Member
3	ACS/PS/Secretary, Science and Technology or Representative	Member
4	Secretary, Finance (Expenditure) or Representative	Member
5	Commissioner/Director, Technical Education	Member Secretary
6	Commissioner/Director, Higher Education	Member
7	Commissioner of Schools	Member
8	Two Vice-Chancellors or their Representatives (One each from State and Private university)	Invitee Members
9	Three Start-up Ecosystem Representatives	Invitee Members

Gujarat Knowledge Society (GKS) will be the nodal agency and state PMU for the Policy. The SLAC and the PIC shall direct the state PMU and other PMUs for realization of Goals and Objectives of the Policy.



4. Interventions and Roles

Under the Policy, there will be key interventions at the various stakeholder levels to ensure further strengthening and nurturing of the comprehensive innovation ecosystem.

4.1 Interventions

4.1.1 State-level

- State level committees, state PMU will solely be dedicated to drive and implement policy at grassroot level.
- Establishment of PMUs for implementing the Policy goals.
- Operational guidelines to implement the Policy will be issued as per the approval from the PIC.
- The concerned and corresponding PMU will ink an MoU with the Grantee for the period of the Policy.
- Systematic mechanism for IP and patent support.

- State level events, outreach and awareness activities and large-scale capacity building of stakeholders.
- Creation of programmes, avenues, and platforms for exposure.
- Development of knowledge resource pool and cohort community.
- Formulation of mentorship programmes with Academic and Industry mentors or sector experts.
- Incentivization for faculty and domain mentors.
- Market Access, facilitation of public procurement for Start-up.
- Infrastructure, Co-creation, and collaboration support.
- Management of Student Innovation Fund (SIF) and Grantee Matching Fund (GMF).
- Direct Beneficiary Transfer (DBT) for release of fund to Grantee.
- Potential innovators and Start-up from non-grantee institutions and schools will be mapped to nearby SSIP grantee university, through which they will be able to avail policy benefits.
- Beneficiaries selected through Innovation clubs may be able to apply for PoC/Prototype and / or IP support through the mapped Grantees.
- A state-level digital interface / UDAYAM COGENT Platform to:
  - Provide unique identifier to all grantees and beneficiaries under the Policy.
  - Integrate and streamline efforts across all stakeholders.
  - Register student ideas and innovations as well as facilitating innovators.
  - Measure processes and Key Performance Indicators (KPI) in real time.
  - Provide single-point knowledge resource pool of industry experts and cohort for innovators.
  - Provide linkages and access to other existing central and state level schemes.

4.1.2 Educational Institutions

- Utilization of fund allocated to develop pre-incubation facilities and assist students in IP filing, developing PoCs, prototypes and other innovation related activities.

- Formation of committees to scrutinize and evaluate PoC/Prototype and IPR proposals.
- Systematic mechanism for creating awareness, outreach, and development of infrastructure.
- Selection of proposals for PoCs/Prototype and IPR.
- Ensure grant disbursements within 45-60 days.
- Ensure the entire PoC/Prototype/IPR grant be disbursed in maximum 2-3 installments based on the progress.
- Implement and operate digital interface to create face-less and paperless mechanism for disbursement of grants.
- Strengthen mentorship programme with industrial expertise.
- Leverage other schemes and programmes at state and central level designed for Innovation and Start-up.
- Exposure and participation for flagship programmes at national and international level.
- Promote innovation and Start-ups by women, specially-abled, marginalized community and those innovators trying to address persistent challenges of the State and the Nation.
- Any dropout from school / institute / university can avail the PoC/Prototype/IPR support by registering as the Policy beneficiary at educational institution level.
- Ensure the active participation of student beneficiaries in the PoC/Prototype/IPR for which the grant has been sanctioned.

4.2 Roles

4.2.1 Project Management Units

- Large scale state level initiatives like Hackathons, innovation boot camps, state and regional innovation & Start-up festivals, state level innovation and Start-up awards and similar interventions.
- All the support systems across universities, incubators, innovation centers will be connected at the State level and state PMU will curate collaboration and co-creation involving them. Any innovator/Start-up

who wishes to avail the above facilities can access them with ease and agility.

- The PMU at higher education will look after initiatives like innovation clubs, capacity building of stakeholders, flagship programs aimed at harnessing innovation potential of Arts, Commerce & Science stream students, benchmarking of Innovation and Start-up efforts across Universities and Institutes under higher education, and handholding and assisting grantees under higher education in institutionalizing their innovation and Start-up endeavors.
- The PMU under School education may create a roadmap and execute it to harness the creative potential of School students in the State. Schools may incentivize to inspire innovators by creating facilities to tinker innovation through laboratory, process, and pedagogy.
- The PMU under School education should ensure mindset change, awareness, and training through large scale capacity building of school-teachers in areas like innovation, IP and entrepreneurship. Soft and hard infrastructure to enable innovation to happen along with structured mentoring/nurturing of young innovators will be introduced.
- Awards and recognition to stakeholders like teachers, schools and others for their outstanding contribution to inculcate an innovative mindset among school students may be introduced by the PMU under School education. Collaborative endeavours involving schools and innovation ecosystem enablers and drivers will be promoted.
- PMUs would ensure systemized access to other schemes, R&D establishments, testing labs and programmes at the State level
- i-Hub will act as a PMU which will be responsible for the implementation of flagship programs such as Start-up Sathi (mentorship), Start-up Saksham (capacity building), Start-up Clinic, Start-up Square (Industry Start-up Co-creation), Start-up Mart (marketplace), Start-up Engage, Start-up Samajh, Start-up Grow (incubation), WEstart (women Start-ups) and allied programs.

- i-Hub will act as the hub for hosting various sectoral incubation and acceleration programs to support Innovators/Start-ups post PoC/Prototype stage.
- The State level Fab lab/ Maker's lab to assist in product development to innovators and Start-up will be housed at i-Hub.
- Various Open Innovation Programmes involving industry, public enterprises, civil society organizations, organizations involved in promoting innovation and Start-ups will be conceived and executed at i-Hub.
- Start-up Srujan Seed Support-S4 (INR 2.5-10 Lacs) will be a flagship intervention which will assist deserving innovators and Start-ups to avail grant to further their innovation and will be executed by i-Hub. Screening committee comprising of government officials, angel investors, industry persons, domain experts and successful Start-ups will periodically evaluate proposals for the same.
- Innovators selected through Innovation Club and other relevant programs may be recommended to PMU for Idea/PoC/Prototype support.
- Each PMU will implement and monitor the goals assigned to respective Grantee.

4.2.2 Individual Beneficiaries

- Procurement of raw material, necessary services, components through competitive offers for developing PoC/Prototype/product/Start-up.
- Periodic progress report sharing with Grantee and PMU.
- Make best possible efforts to translate the idea into a successful innovation or enterprise.
- Adhere to the guidelines and protocols issued to avail the Policy benefits.
- Acknowledge the receipt of the Policy support in their success journey.

5. Financial Support Structure

The Student Start-up and Innovation Policy (SSIP 2.0) provisions for creation of a Student Innovation Fund (SIF) and Grantee Matching Fund

(GMF) of Rs. 500 Crore for the period of the Policy. Rs. 300 Crore (SIF) shall be provisioned through state budget for the Policy period, whereas the remainder of Rs. 200 Crore (GMF) shall be mobilized via existing resources such as internal budgets of Universities/Institutes, private and CSR funds and others.

The yearly outlay of Rs 60 Crore would be received by the Gujarat Knowledge Society (GKS) under the Directorate of Technical Education. This fund will be disbursed amongst the Grantees/PMUs/Beneficiaries as per the provisions of the Policy. The table below shows the distribution of the SIF for the period of the Policy amongst the PMUs. The SIF provisions are distributed as Grant to Grantees, PMU Operating Expenditure, State Level Programme, Start-up Srujan Seed Support, Open Innovation Programmes, Incubation, Acceleration & Flagship Initiatives.

Budgetary Provisions for PMUs (INR in Crore)

Head	**Technical Education**	**Higher Education**	**i-Hub**	**School Education**	**Total**
Grant to Grantees	130	42		33	205
PMU Operating Expenditure	10	3	5	2	20
State Level Programme	10	5		5	20
Start-up Srujan Seed Support			25		25
Open Innovation Programmes			15		15
Incubation, Acceleration & Flagship Initiatives			15		15
Total	**150**	**50**	**60**	**40**	**300**

5.1 Support to Educational Institutions

70 % of the fund allocated through the budgetary provisions of the Policy be utilized for PoCs/Prototypes and IP support. Remaining 30% of the fund may be utilized for programmes, pedagogical interventions, events, special

endeavours, setting up pre-incubation/incubation centers, basic infrastructure, and others.

The provision for maximum financial support to Grantees for the Policy period shall be as per the Table below:

Type of Grantee	Student Innovation Fund (SIF)	Grantee Matching Fund (GMF)
Public University	INR 5.00 Crore	INR 2.50 Crore
Public Institute	INR 2.00 Crore	-
Private University	INR 1.00 Crore	INR 1.00 Crore
Private Institute	INR 1.00 Crore	INR 1.00 Crore

For Public Universities, the Policy grant will be sanctioned based on the number of enrolled students as per Table below:

Number of Student Enrolment with Public University	Maximum SIF Grant (INR in Crore) for the Policy Period
3 Lakhs and above	5.0
1 Lakh to 3 Lakhs	4.0
50,000 to 1 Lakh	3.0
Up to 50,000	2.0

5.2 Support to Individual Beneficiaries

The support and financial provisions for individual beneficiaries satisfying eligibility criteria, are as per the Table below:

Beneficiary	Support
All Beneficiaries	• Exposure to Tinkering Lab, Innovation Lab, Incubation Centers • Large scale sensitization, events and programs for developing Scientific Mindset • Collective/Community level support system and activities • Capacity Building
Class 9 to Class 12	• Maximum INR 20,000 per PoC/Prototype /Innovation
Higher and Technical Education	• Maximum INR 2.50 Lakh per PoC/Prototype /Innovation • IP Support up to 100% of expenses

6. IPR Support

The Union Cabinet has approved the National Intellectual Property Rights (IPR) Policy that shall lay the future roadmap for IPRs in India.

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

IPR supports provisioned under the Policy for all beneficiaries are listed in the Table below:

Type of IPR	**Support 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 Center (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.

7. Monitoring and Evaluation

- The State PMU and the Operational PMU may review or / and scrutinize the fund utilized by the Grantees or Beneficiaries for the disbursed funds.

- The evaluation of performance of PMUs and Grantees would be done in agreement with implementation guidelines that will be released by the State PMU.
- A digital interface will seamlessly integrate all stakeholders to monitor each milestone in real time. Progress of key goals with respect to set KPIs will be publicly shared periodically.
- The Policy Implementation Committee (PIC) shall review overall policy objectives and its implementation.
- If a beneficiary is found unable to deliver the desired outcomes, further release of grant shall be reconsidered.
- The release of the grant after the first instalment and every subsequent instalment will be based on satisfactory implementation of the policy objectives.
- Expert Committee comprising of industry persons, ecosystem stakeholders, academicians, Start-up, nominated by the State PMU may visit Grantees periodically for ascertaining progress of work or resolving any difficulties if encountered for effective implementation of the Policy.
- A yearly impact report of the policy interventions will be published and shared with all stakeholders in public domain.

8. Interpretation and Ambiguity Resolution

In case of any ambiguity or difficulty or query concerning interpretation and/or implementation of the Policy, the decision of Policy Implementation Committee (PIC) with the approval of the State-level Apex Committee (SLAC) shall be final and binding for all.

Acronyms

CSR	Corporate Social Responsibility
GKS	Gujarat Knowledge Society
GMF	Grantee Matching Fund
i-Hub	Gujarat Student Start-up and Innovation Hub
IPFC	Intellectual Property Facilitation Center
IPR	Intellectual Property Rights
KPI	Key Performance Indicator
MoU	Memorandum of Understanding
MVP	Minimal Viable Product
NEP	National Education Policy
NISP	National Innovation and Start-up Policy
PIC	Policy Implementation Committee
PMU	Project Management Unit
PoC	Proof of Concept
SIF	Student Innovation Fund
SLAC	State-level Apex Committee
SOIC	Student Open Innovation Challenge
SPMU	State Project Management Unit
SSIP	Student Start-up and Innovation Policy

Bibliography

1. National Education Policy, 2020, Ministry of Human Resource Development, Government of India
2. Startup India, https://www.startupindia.gov.in/
3. National Innovation and Startup Policy, 2019, Ministry of Human Resource Development, Government of India
4. Startup Policy AICTE, 2016, All India Council for Technical Education, Government of India, https://www.aicte-india.org/downloads/Startup%20Policy.pdf
5. Student Startup and Innovation Policy (SSIP), 2017, Education Department, Government of Gujarat
6. Guideline for Implementation of SSIP for Universities, Education Department, Government of Gujarat
7. Guideline for Implementation of SSIP for Institutes/Colleges, Education Department, Government of Gujarat
8. Intellectual Property Guidelines for Academia in Gujarat, 2018, Education Department, Government of Gujarat
9. https://aim.gov.in/
10. https://www.igi-global.com/dictionary/higher-education-institution/13096
11. https://www.i-scoop.eu/industry-4-0/
12. World Economic Forum (WEF), https://www.weforum.org/
13. https://www.wipo.int/portal/en/index.html
14. https://www.wto.org/english/tratop_e/trips_e/intel1_e.htm

Events

Events Name: Start up Story
Expert name: Shubham Shah
Number of Participants: 90
Description: Startup story - Motivational Session by Subham Shah the esteemed journey of Edith Healthcare. The intent of the session was to provide an opportunity to aspiring young entrepreneurs to listen to him who have already taken the entrepreneurial route successfully. The session was an eye-opening session for the budding young minds, and it aimed to impart the skills needed to handle the different tools and technologies that are useful in real time scenarios. This session was intended to orient participants towards starting their own enterprise, with focus on the decisions that an entrepreneur takes and sources of finance

Brochure:

Photos:

Government Polytechnic for Girls Ahmedabad

Celebrates

Student Startup Innovation and Research Festival

Program No.1 Ideation Competition 06/10/2022

Participants: First round 500, Second round 40

An ideation competition is arranged across all departments of college. In this competition student team has to prepare the complete presentation of research/innovation idea and its real time implementation.

Three Jury members/experts were present during this competition.

- **Prof. Pinky Bramhbhatt (Asso. Prof.)(LDCE)**
- **Prof. B.H.Kantewala (HOD-CE) (GPA)**
- **Prof. Manisha Mehta(HOD-CE)(GPH)**

Noteworthy ideas are as followed

1. Electronic Voting Machine using fingerprint sensor
2. **Automated Drug Delivery**
3. **Rehabilitation Gloves**
4. **Device to identify degree and type of deafness**
5. **Parlayed Patient Healthcare**
6. **Things finder**
7. **Punctual and deliverable attendance system**
8. **IoT based Auto billing Shopping cart**
9. **Mobile Health monitoring system for ICU patient**
10. **Monitoring power consumption for home**

Government Polytechnic for Girls
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Governed By :
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Education Department
Government of Gujarat

PHONOCARDIOGRAPH
SSIP
GOVERNMENT POLYTECHNIC FOR GIRLS, AHMEDABAD

ELECTROMYOGRAPHY (EMG):

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Directorate of Technical Education
Education Department
Government of Gujarat

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Ahmedabad
Governed By :
Directorate of Technical Education
Education Department
Government of Gujarat

Problems:-
•As many people including old age and children take incorrect or cannot take pill at all may expose the patient to several dangerous situations, ranging from severe health issues up to death.
•Keeping track of taking the right pill at the right moment each day can become a challenge for the elderly, as many of the abilities such as sight, memory or logical capabilities making it difficult for them to remember which pill to take at the correct time.
•On the other hand several problems related to the high amount of pills nowadays are prescribed to patients are found in hospitals. Managing, sorting and giving pills to each one of the patients can sometimes have a high chance of error such as receiving one or more incorrect pills.

Block diagram :--
LED
SSIP
INCUBATION CENTER
GOVERNMENT POLYTECHNIC FOR GIRLS, AHMEDABAD

PARALYSIS PATIENT
HEALTH CARE
IOT based project by : Ahya shishgar (02)
Hare panchal (24)
Devansh thakkkar (11)

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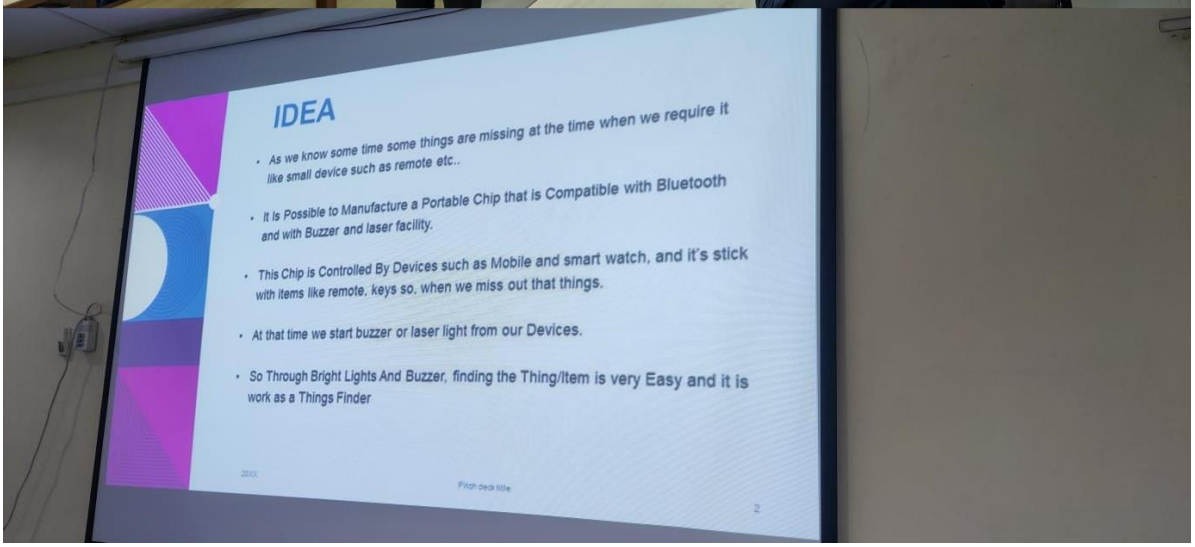
Education Department
Government of Gujarat

IDEA
As we know some time some things are missing at the time when we require it like small device such as remote etc..
It is Possible to Manufacture a Portable Chip that is Compatible with Bluetooth and with Buzzer and laser facility.
This Chip is Controlled By Devices such as Mobile and smart watch, and it's stick with items like remote, keys so, when we miss out that things.
At that time we start buzzer or laser light from our Devices.
So Through Bright Lights And Buzzer, finding the Thing/Item is very Easy and it is work as a Things Finder
SSIP
INCUBATION CNETER
GOVERNMENT POLYTECHNIC FOR GIRLS, AHMED


IDEA
As we know some time some things are missing at the time when we require it like small device such as remote etc..
It is Possible to Manufacture a Portable Chip that is Compatible with Bluetooth and with Buzzer and laser facility.
This Chip is Controlled By Devices such as Mobile and smart watch, and it's stick with items like remote, keys so, when we miss out that things.
At that time we start buzzer or laser light from our Devices.
So Through Bright Lights And Buzzer, finding the Thing/Item is very Easy and it is work as a Things Finder
20XX
Pitch deck title
2

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Ahmedabad
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Government of Gujarat

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Government of Gujarat

Description
• In finger print based voting system users/candidates/voters don't have to carry ID cards, there is no need of complex process.
• Voters have to place the finger on the sensor
• This System help to solve the problem of complex voting
ystem and this system help to minimize the corruption in
oting system

CURRENT SITUATION
SSIP

CURRENT SITUATION
SSIP

GOVERNMENT POLYTCHNIC FOR GIRLS
AHMEDABAD
SSIRF-2022 IDETION COMPITETION
WOMEN SAFETY WRIST BAND
PRESENTED BY: PRATHANA DAVE[216140316101]
KHAMAR KRISHA [216140316003]

GOVERNMENT POLYTCHNIC FOR GIRLS
AHMEDABAD
SSIRF-2022 IDETION COMPITETION
WOMEN SAFETY WRIST BAND
GOVERNMENT POLYTECHNIC FOR GIRLS, AHMEDABAD

Program No.2 SSIP Success Story and Ideation Brainstorming Session

Participants: 200

12/10/2022

CHIEF GUEST: JOINT DIRECTOR SMT SIDHHIBEN PATEL
MADAM CHIFE GUEST: BJP PRESIDENT KASHYAP JANI
CHIEF GUEST: ENTERPENUAR SMT ASHMITA GROVER

GOVERNMENT POLYTECHNIC FOR GIRLS
AHMEDABAD
STUDENT START-UP
AND INNOVATION POLICY 2.0
SSIP 2.0
Government Polytechnic for Girls
Ahmedabad
Governed By :
Directorate of Technical Education
Education Department
Government of Gujarat

GOVERNMENT POLYTECHNIC FOR GIRLS,
AHMEDABAD-15
AMRIT MAHOTSAV
Smt. Siddhi Patel
Shri Kashyap Jani
Gen Secretary, BJP
Shri Bhaskar J. Iyer
Principal, GPGA

RNMENT POLYTECHNIC FOR GIRLS,
AHMEDABAD
STUDENT START-UP
AND INNOVATION POLICY 2.0
SSIP 2.0
GOVERNMENT POLYTECHNIC FOR GIRLS - AHMEDABAD-15
सत्यमेव जयते
Government Polytechnic for Girls
Ahmedabad
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Government of Gujarat

SSIP
GOVERNMENT POLYTECHNIC FOR GIRLS,
AHMEDABAD
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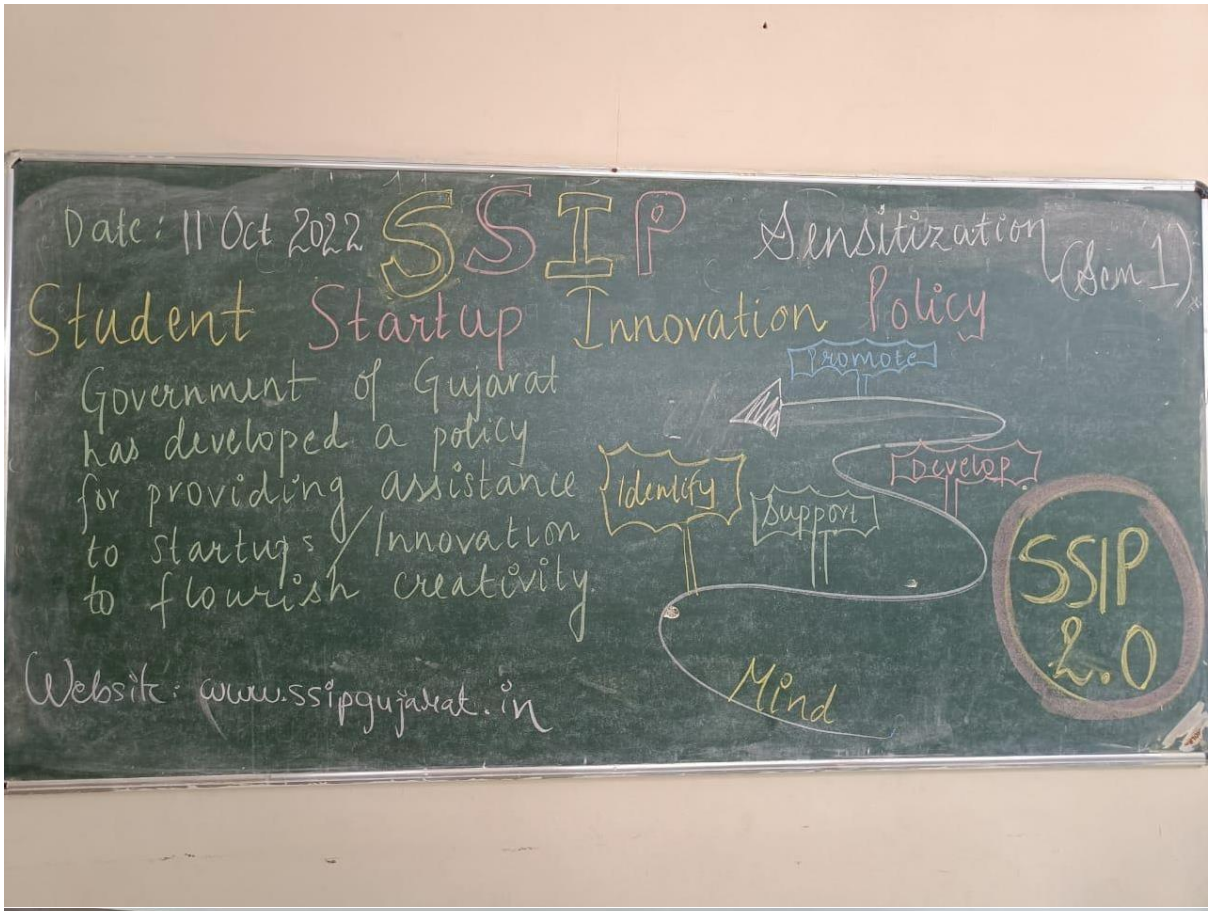
AND INNOVATION POLICY 2.0
SSIP 2.0
सत्यमेव जयते
Government Polytechnic for Girls
Ahmedabad
Governed By :
Directorate of Technical Education
Education Department
Government of Gujarat

Program No.3 Sensitization of FIRST YEAR STUDENTS OVER SSIP 2.0(VARIOUS DATES) Participants:550

2.

"SILENCE PLEASE"


Date: 11 Oct 2022
SSIP
Sensitization (Sem 1)
Student Startup Innovation Policy
Government of Gujarat has developed a policy for providing assistance to startups/Innovation to flourish creativity.
Website: www.ssipgujarat.in
Promote
Identify
Support
Develop
SSIP 2.0
Mind

SSIP
Student Startup Innovation Policy

Presented By:
Department
Ahmedabad

GOVERNMENT POLYTECHNIC FOR GIRLS

કન્યાઓ માટેની સરકારી પોલીટેકનીક

कन्याओं के लिये सरकारी पोलीटेकनीक

Opp. Physical Research Laboratory, AHMEDABAD-380 005. Guj. (India) Phone : +91-079-26301581

GGP/SSIP/2022-23/POC/ Date:11/05/2023

SSIP CELL Government Polytechnic for Girls, Ahmadabad

First Phase Approval and Disbursement for Institute level Start up Projects-SSIP 2.0_2023

Sr. No	Application ID	Name of Project	Name of Team Leader	Branch	Phase-1 grant Disbursed	Phase-2 Grant Sanctioned
1	P3001	IOT based flood monitoring system	Aachal Agarwal	IT	1250/-	1250/-
2	P3002	Parcel Management	Vaibhavi Mesvaniya	IT	2000/-	8500/-
3	P3003	IOT solutions for optimizing energy in Industries	Yalina Ansari	IT	1750/-	5250/-
4	P3005	Electronic voting machines using finger print sensor	Honey Shah	EC	5000/-	15000/-
5	P3006	Adaptive commercial and residential parking using IoT and Android Interface	Aarti Shrimali	EC	2000/-	6000/-
6	P3010	Hitalert!	Patwa Anshi	COMP	4000/-	12730/-
7	P3014	Designing housearticles using Khadi Fabric	Rutvi Patel	CACDDM	1250/-	3750/-
8	P3015	Innovative Stipling design	Nager Hiral	CACDDM	1250/-	3750/-

SSIP Coordinator
Government Polytechnic for Girls, Ahmadabad.

Principal
Government Polytechnic for Girls, Ahmadabad.

GOVERNMENT POLYTECHNIC FOR GIRLS

કન્યાઓ માટેની સરકારી પોલીટેકનીક

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GGP/SSIP/2020-21/PoC/32

Date: 13-01-2021

SSIP CELL Government Polytechnic for Girls, Ahmadabad

First Phase Approval and Disbursement for Institute level StartUp Projects-2020

Sr. No	Application ID	Name of Project	Name of Team Leader	Branch	Grant Demanded	Grant Approved	Grant Released
1	P2004	Twist and Turn Khadi	SoniJhanvi	CACDDM	5640	5640	1410
2	P2008	Accident Prevention and Detection System	Gneya Pandya	Computer	8666	8666	2167
3	P2009	IoT Based Health Parameter Monitoring System	Tiya Mehta	Computer	16100	16100	4025
4	P2011	Wireless Parameters Monitoring System for Industrial Machines.	Hetvi Bose	EC	11000	11000	2750
5	P2012	Wireless Water Distribution and Management System for Big Housing Society.	Janki Patel	EC	10170	10170	2543
6	P2013	Combating Covid-19 With IoT	Thakkar Parita	IT	10050	10050	2513
7	P2018	GPS Based Smart Patrolling	Makwana Palak	IT	8321	8321	2080

Note: Out of 18 Projects appeared for institute level screening procedure on 01-01-2021 and 02-01-2021, As per institute coordinators and invited expert industrial mentors, Total 7 Projects are approved for first phase of SSIP Grant Disbursement for the year 2020-21.

S.S.I.P. Co-ordinator
SSIP Coordinator
Government Polytechnic for Girls, Ahmadabad.

GOVT. POLYTECHNIC FOR GIRLS * AHMEDABAD *

Principal
Govt. Polytechnic For Girls
Ahmedabad-15.
Government Polytechnic for Girls, Ahmadabad.

કન્યાઓ માટેની સરકારી પોલીટેકનીક
कन्याओं के लिये सरकारी पोलीटेकनीक
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GGP/SSIP/ 192

Date: 07/02/2020

SSIP CELL

First Phase Approval and Disbursement for Institute level Start-Up Projects-2019-20

Sr. No	Name of Project	Name of Team Leader	Branch	Grant Demanded	Grant Approved	Grant Relesed
1	SMART INVENTORY MONITORING SYSTEM	Awasthi Dimple R.	EC	13124	13124	3281
2	NFC BASED BLIND STICK	Hetal H. Taparia	EC	8756	8756	2189
3	PANIC BUTTON FOR WOMAN SAFETY	Rana S. Anshu	EC	10069	10069	2517
4	SCAN ME FOR INFO	Drashti Shah	IT	8720	8720	2180
5	AUTOMATIC MEDICINE DISPENSER	Mansi Joshi	BIO	11800	11800	2950
6	MACHINE SPEED DETECTION & CONTROLLING SYSTEM	Aakruti H. Vastraj	IT	4403	4403	1101
7	IOT BASED SOLAR PHOTOVOLTIC PANEL CLEANING	Nikita M. Panchal	CE	7235	7235	1809
	Total			**64107**	**64107**	**16027**

Note:

1. Total **10** Projects are selected after each department level screening and they all are gone through institute level screening procedure on Date: 24-01-2020.
2. After the evaluation of Institute Scrutiny Committee (ICS). Total 7 Proof of Concepts are approved for first phase of SSIP Grant Disbursement for the year 2019-20

Principal,
Government Polytechnic for Girls, Ahmadabad.

Principal
Government Polytechnic for Girls
Ahmedabad-15

SSIP Coordinator

S.S.I.P. Co-ordinator
Government Polytechnic For Girls
Ahmedabad-380015

GPG SSIP-cell is a start-up Co-working Center as part of Government Polytechnic for girls , Ahmedabad. The vision of the SSIP-cell is to disseminate knowledge and insights in entrepreneurial practice and theory through lectures, seminar activities and workshops, to seek tie- ups with Non-profit Entrepreneurial organizations connecting SSIP-cell to global network of entrepreneurs and to provide Ecosystem for early stage entrepreneurs.

- The key motto of SSIP-cell is to develop Entrepreneurial environment at the institute with easily accessible resources.
- Students are encouraged to participate in various workshops and seminar organized under SSIP-Cell at premier institutes like Entrepreneurship Development of India (EDI). Faculty members and students form a team and coordinate various activities under SSIP-cell. Various leadership talks by eminent experts are coordinated and attended by students and faculty in large numbers.
- Workshops and industry experts/mentors meet are arranged under SSIP-cell with a view to linking industries and government bodies. Students get opportunity to interact with the mentors, entrepreneurs and market leaders through such activities.
- GPG SSIP cell supports student Innovation and Startup through funding, mentor ship, co-working space, patent filing and legal assistance.

Activities:

Sr. No	Name	Type	Venue	Date	Coordinator Name	No of Participant
1	Start up Story by Shubham Shah	Seminar	GPG, Ahmedabad	05-09-2024	Mr. Rakesh Motka	90
2	Ideation Competition	Competition	GPG, Ahmedabad	06-10-2022	Mr. N. A. Fatak	500
3	SSIP Success Story and Ideation Brainstorming Session	Session	GPG, Ahmedabad	12-10-2022	Mr. N. A. Fatak	200
4	Sensitization of FIRST YEAR STUDENTS OVER SSIP 2.0	Seminar	GPG, Ahmedabad	VARIOUS DATES	Mr. N. A. Fatak	550
5	Getting Started with Arduino	Workshop	GPG, Ahmedabad	27-10-2021	P.G. Kalariya	34
6	Entrepreneurship: A journey in self discovery	Webinar	Online	17-07-2021	P.G. Kalariya	123
7	Role of Academia in open Innovation in association with I hub	Webinar	Online	19-06-2021	P.G. Kalariya	235
8	Entrepreneurship and SSIP Awareness	Webinar	Online	29-05-2021	P.G. Kalariya	318
9	Webinar on Intellectual Property Rights ~ “Challenges and Opportunities”	Seminar	Online	06-03-2021	Dr. Pankita A Mehta	76
10	Talk on Financial Literacy	Seminar	Webinar	13-01-2021	P.G.Kalaria	427
11	Basics and Applications of Arduino	Workshop	Workshop	08-01-2021	M.R.Panchal	40
12	Startup and Entrepreneurship in field of Biomedical Engineering	Seminar	Webinar	17-10-2020	Mr. Rakesh Motka	122
13	Startup and Entrepreneurship in field of Biomedical Engineering	Seminar	Webinar	17-10-2020	Rakesh Motka	122
14	Research, development and Project management in Startup	Seminar	Webinar	10-10-2020	Mr. Rakesh Motka	132
15	Webinar on Intellectual Property Rights ~ “Challenges and Opportunities”	Seminar	Webinar	26-09-2020	Sanjay Patel	264
16	Financial Management for Startup	Seminar	Webinar	12-09-2020	Hemali Vithalani	259
17	Cyber-Security	Seminar	Webinar	18-07-2020	Mr. Mihir Panchal	200
18	WEBINAR ON DJANGO-Python framework	Seminar	webinar	24-06-2020	Snehal I Patel	210

Sr. No	Name	Type	Venue	Date	Coordinator Name	No of Participant
19	SSIP POC SHODHYATRA WEBINAR	Seminar	WEBINAR on WEBEX	21-06-2020	Mr. Mihir Panchal	50
20	Entrepreneurship development	Seminar	Open Ground	04-02-2020	T.. P. Chanpura	450
21	TWO DAYS WORKSHOP on water harvesting and energy conservation	Workshop	Recreate on center, hostel building GGPA	03-10-2019 to 04-10-2019	Dr. Pankita A Mehta	109
22	HOW TO START AND Magic of startup	Seminar	Recreate on center, hostel building GGPA	27-09-2019	Mr. Sanjay S. Patel	61
23	AWARENESS ABOUT IPR	Seminar	Recreate on center, hostel building GGPA	19-07-2019	Mr. Sanjay S. Patel	64
24	Awareness for IPR	Seminar	Recreate on center, hostel building GGPA	19-07-2019	Mr. Sanjay S. Patel	64
25	Arduino Introduction	Workshop	COMPUTER center -1	29-06-2019 to	Mr. Mihir Panchal	22
26	IOT with Python	Workshop	Media room, LRUC, GGPA	28-06-2019 to 29-06-2019	J.D.Trivedi	55

Project selected for Grant: 2022-2023

Sr. No	Application ID	Name of Project	Name of Team Leader	Branch	Grant Required	Grant Disbursed
1	P3001	IOT based flood monitoring system	Aaachal Agrwal	IT	2500	2500
2	P3002	Parcel Management	Vaibhavi Mesvaniya	IT	10500	10500
3	P3003	IOT Solution for Optimizing energy in Industries	Yalina Ansari	IT	7000	7000
4	P3005	Electronic voting machines using finger print sensor	Honey Shah	EC	10455	10455
5	P3006	Adaptive commercial and residential parking using IOT and android interface	Aarti Shrimali	EC	8000	8000
6	P3010	Hialert!	Patwa Anshi	COMP	10591	4000
7	P3014	Designing house articles using Khadi Fabric	Rutvi Patel	CACDDM	1772	1250
8	P3015	Innovative stippling design	Nagar Hiral	CACDDM	1355	1250

Project selected for Grant: 2020-2021

Sr. No	Application ID	Name of Project	Name of Team Leader	Branch	Grant Demanded	Grant Approved
1	P2004	Twist and Turn Khadi	Soni Jhanvi	CACDDM	5640	5640
2	P2008	Accident Prevention and Detection System	Gneya Pandya	Computer	8666	8666
3	P2009	IoT Based Health Parameter Monitoring System	Tiya Mehta	Computer	16100	16100
4	P2011	Wireless P arameters Monitoring System for Industrial Machines.	Hetvi Bose	EC	11000	11000
5	P2012	Wireless Water Distribution and Management System for Big Housing Society.	Janki Patel	EC	10170	10170
6	P2013	Combating Covid-19 With IoT	Thakkar Parita	IT	10050	10050
7	P2018	GPS Based Smart Patrolling	Makwana Palak	IT	8321	8321

Project selected for Grant: 2019-2020

Sr. No	Name of Project	Name of Team Leader	Branch	Grant Demanded	Grant Approved
1	SMART INVENTORY MONITORING SYSTEM	Awasthi Dimple R.	EC	13124	13124
2	NFC BASED BLIND STICK	Hetal H. Taparia	EC	8756	8756
3	PANIC BUTTON FOR WOMAN SAFETY	Rana S. Anshu	EC	10069	10069
4	SCAN ME FOR INFO	Drashti Shah	IT	8720	8720
5	AUTOMATIC MEDICINE DISPENSER	Mansi Joshi	BIO	11800	11800
6	MACHINE SPEED DETECTION & CONTROLLING SYSTEM	Aakruti H. Vastraj	IT	4403	4403
7	IOT BASED SOLAR PHOTOVOLTIC PANEL CLEANING	Nikita M. Panchal	CE	7235	7235

Tinkering LAB Facility:

- Arduino UNO
- Arduino Mega
- Arduino Nano
- Node MCU
- Temperature Sensor
- Ultrasonic Sensor
- Infrared Sensor
- Humidity Sensor

Brochures:

Edith Healthcare
"Start– up Story"
Motivational Session
Organized Under SSIP and IIC
BY
Shubham Shah
Founder of Edith Healthcare
INSTITUTION'S
INNOVATION
COUNCIL
(Ministry of Education Initiative)
SSIP
Date: 05/09/2024
Time : 11 :00 AM
Patron
Prof. B. J. Iyer
Principal, GGP, Ahmedabad
GOVERNMENT POLYTECHNIC FOR GIRLS · AHMEDABAD-15

SSIP
GOVERNMENT POLYTECHNIC FOR GIRLS - AHMEDABAD-15
LIVE WEBINAR
You're Invited to Join
TALK ON FINANCIAL LITERACY
WEDNES DAY
JAN 13,2021
2:30 PM ONWARDS
EVENT CORDINATOR:
Mr. P.C.KALARIA,
CONVENER, SSIP CELL, GPGA
JITENDRA RAWAL
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WEBINAR

Start up and Entrepreneurship
In
The Field Of Biomedical Engineering

Organised By:
Department Of Biomedical Engineering
Government Polytechnic For Girls, Ahmedabad

Speaker

Payal Thakker
Director
Caremarque Healthcare Consultancy

Date & Time

17/10/2020 | 4 PM

Facilitator

Prof. B J Iyer
Principal
GGP, Ahmedabad

Government Polytechnic for Girls Ahmedabad

Biomedical Department Organizes,

LIVE WEBINAR

Sarika Patel
CEO & Director at
LymbEdge Healthcare

Dinesh Damodar
Founder & Director at
LymbEdge Healthcare

Research Development and Project Managment in Biomedical Startups

Saturday, Oct' 10th | 11 AM PST

Facilitator
Shri Bhaskar Iyer
Principal
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SSIP

GOVERNMENT POLYTECHNIC FOR GIRLS - AHMEDABAD-15

LIVE WEBINAR

You're Invited to Join

FINANCIAL MANAGEMENT IN STARTUP

SATUR DAY | SEP 12 | 11 AM TO 12 PM

Mr. Sanket Shah

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Photos:

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2020/2/3 12:51

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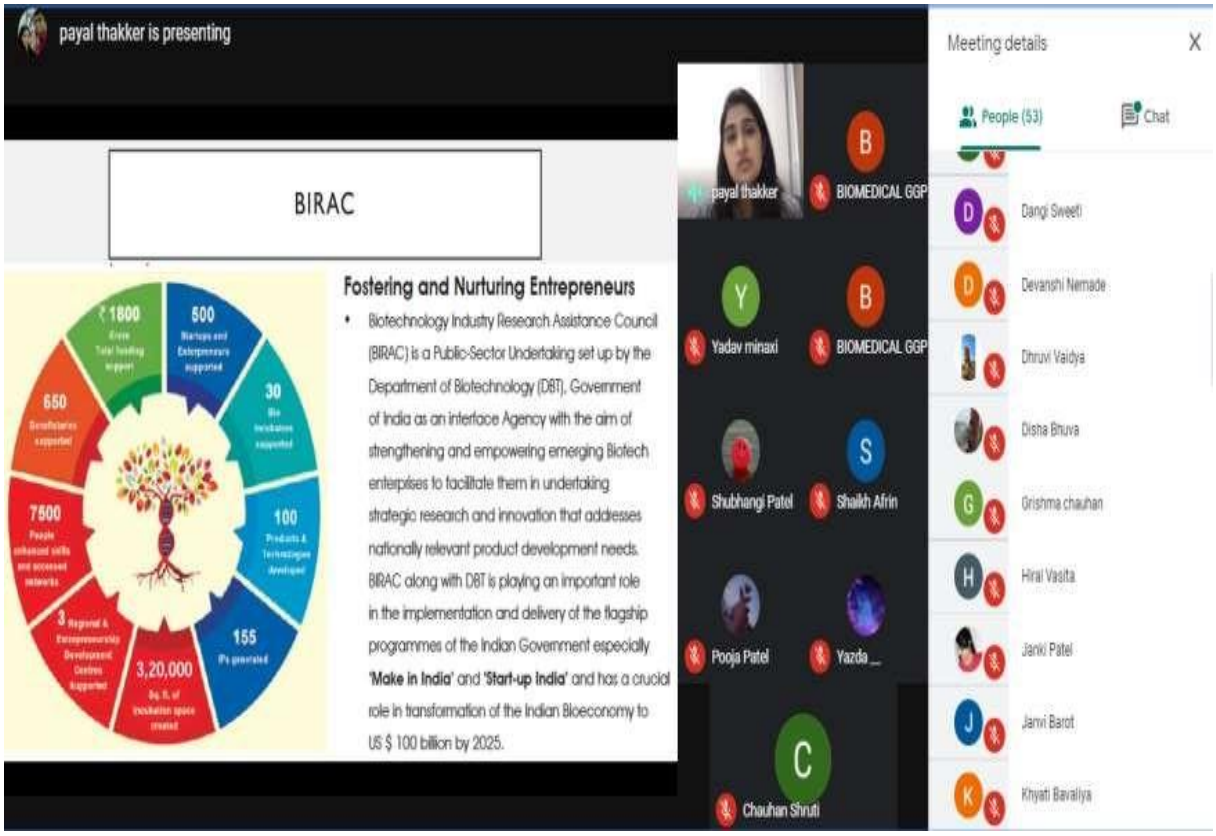
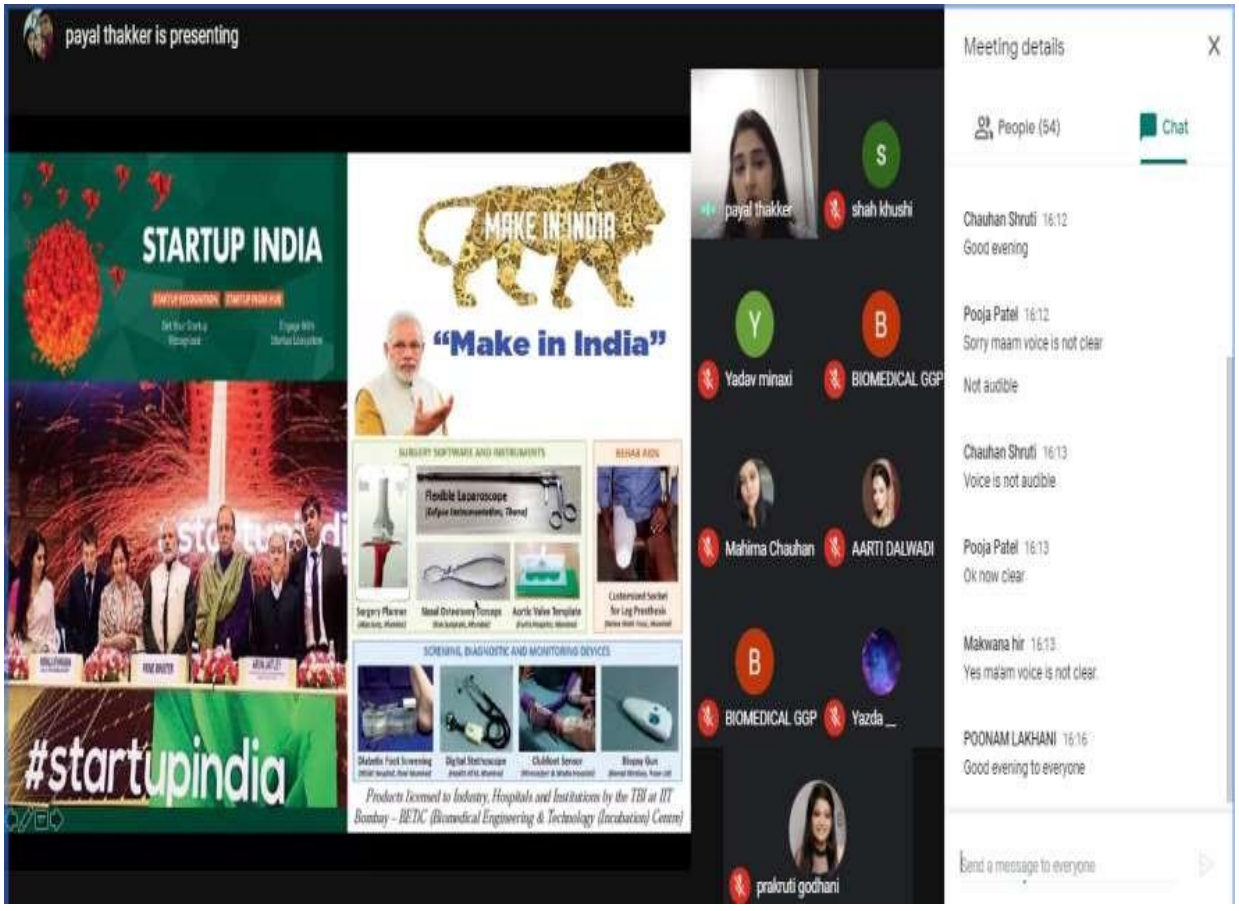
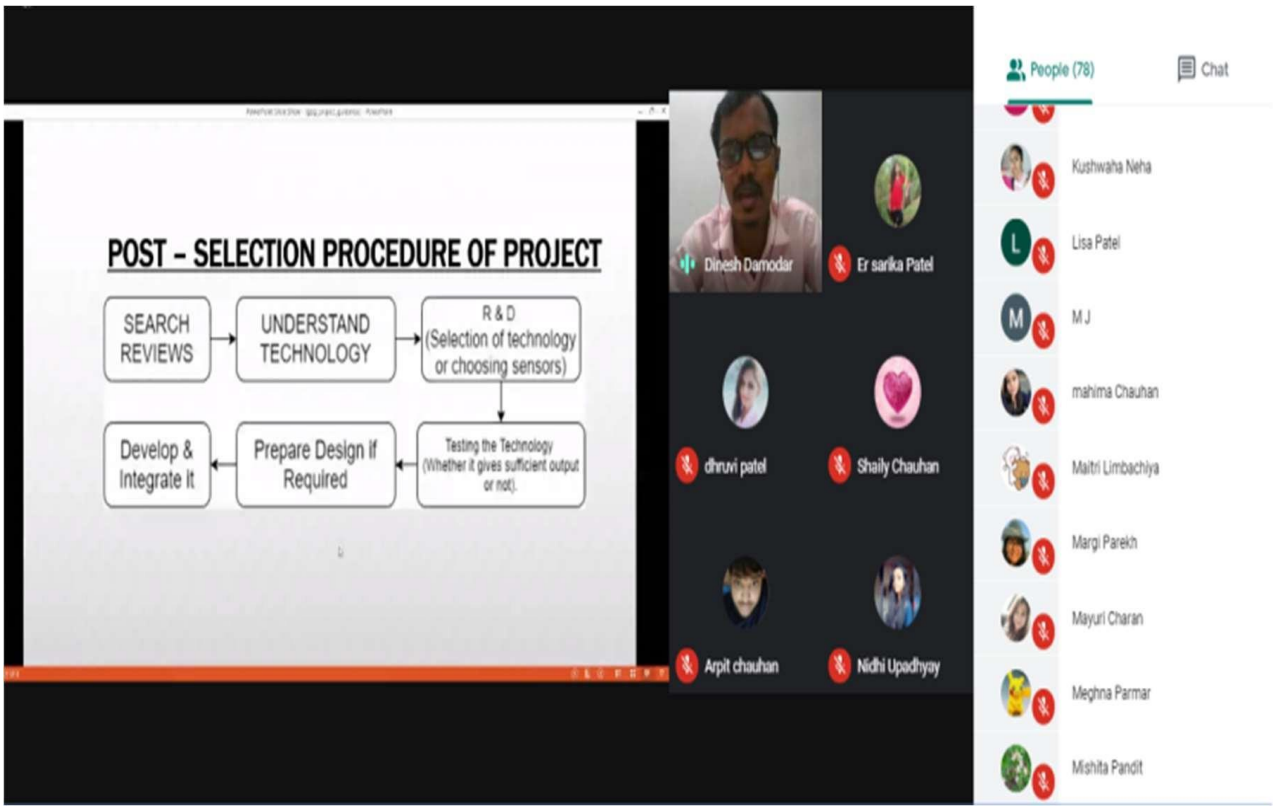
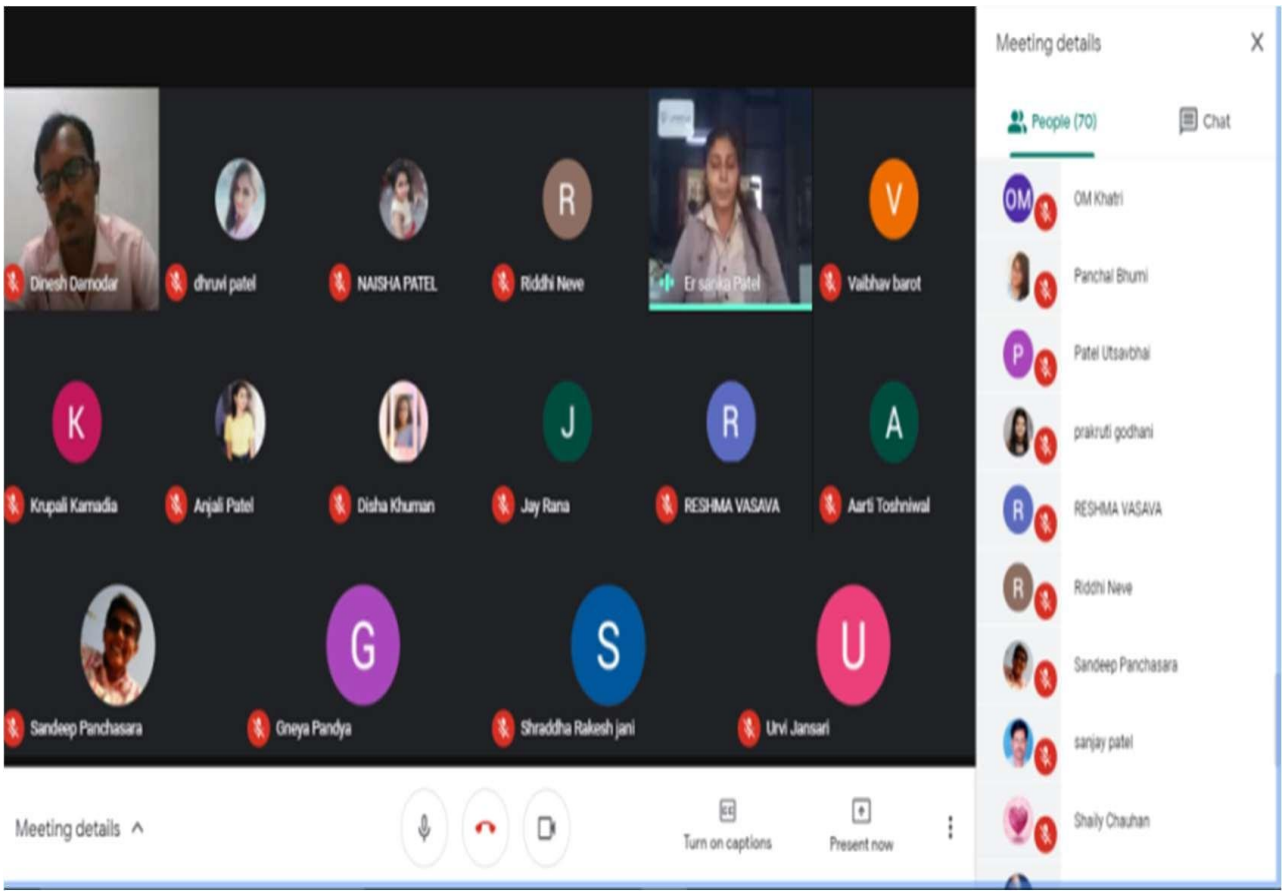
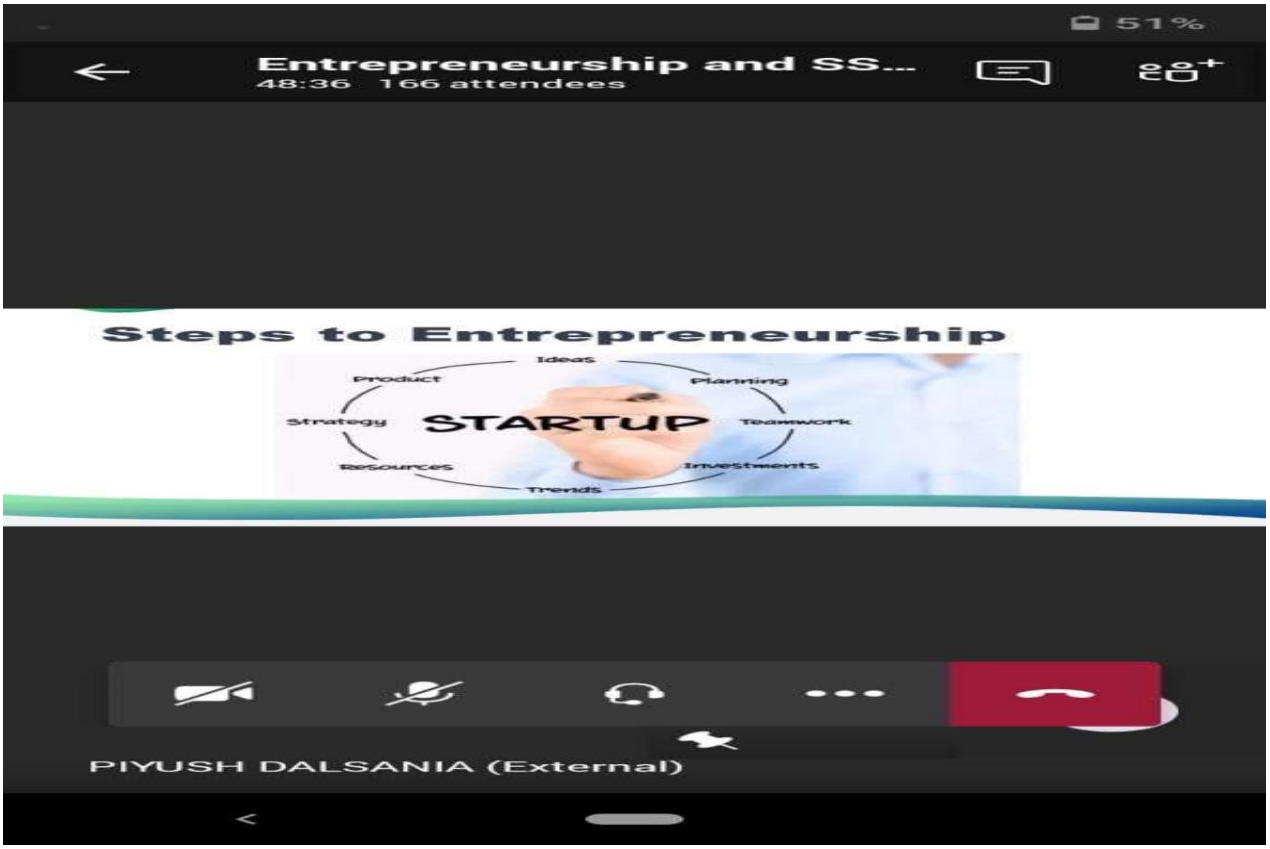

payal thakker is presenting
BIRAC
Fostering and Nurturing Entrepreneurs
Biotechnology Industry Research Assistance Council (BIRAC) is a Public-Sector Undertaking set up by the Department of Biotechnology (DBT), Government of India as an interface Agency with the aim of strengthening and empowering emerging Biotech enterprises to facilitate them in undertaking strategic research and innovation that addresses nationally relevant product development needs. BIRAC along with DBT is playing an important role in the implementation and delivery of the flagship programmes of the Indian Government especially 'Make in India' and 'Start-up India' and has a crucial role in transformation of the Indian Bioeconomy to US $ 100 billion by 2025.
₹ 1800
500
30
100
155
3,20,000
7500
650
3
payal thakker
BIOMEDICAL GGP
Yadav minaxi
Shubhangi Patel
Shaikh Afrin
Pooja Patel
Yazda ...
Chauhan Shruti
Meeting details
People (53)
Chat
Dangi Sweeti
Devanshi Nemade
Dhruvi Vaidya
Disha Bhuva
Grishma chauhan
Hiral Vasita
Janki Patel
Janvi Barot
Khyati Bavaliya


payal thakker is presenting
STARTUP INDIA
#startupindia
"Make in India"
Flexible Laparoscope
Products Licensed to Industry, Hospitals and Institutions by the TBI at IIT Bombay - BETIC (Biomedical Engineering & Technology (Incubation) Centre)
payal thakker
shah khushi
Yadav minaxi
BIOMEDICAL GGP
Mahima Chauhan
AARTI DALWADI
BIOMEDICAL GGP
Yazda ...
prakruti godhani
Meeting details
People (54)
Chat
Chauhan Shruti 16:12
Good evening
Pooja Patel 16:12
Sorry maam voice is not clear
Not audible
Chauhan Shruti 16:13
Voice is not audible
Pooja Patel 16:13
Ok now clear
Makwana hir 16:13
Yes maam voice is not clear
POONAM LAKHANI 16:16
Good evening to everyone
Send a message to everyone


POST – SELECTION PROCEDURE OF PROJECT
SEARCH REVIEWS
UNDERSTAND TECHNOLOGY
R & D (Selection of technology or choosing sensors)
Testing the Technology (Whether it gives sufficient output or not).
Prepare Design If Required
Develop & Integrate It
Dinesh Damodar
Er sarika Patel
dhruvi patel
Shaily Chauhan
Arpit chauhan
Nidhi Upadhyay
People (78)
Chat
Kushwaha Neha
Lisa Patel
M J
mahima Chauhan
Maitri Limbachiya
Margi Parekh
Mayuri Charan
Meghna Parmar
Mishita Pandit


Dinesh Damodar
dhruvi patel
NAISHA PATEL
Riddhi Neve
Er sarika Patel
Vaibhav barot
Krupali Kamadia
Anjali Patel
Disha Khuman
Jay Rana
RESHMA VASAVA
Aarti Toshniwal
Sandeep Panchasara
Gneya Pandya
Shraddha Rakesh jani
Urvi Jansari
Meeting details
Turn on captions
Present now
Meeting details
People (70)
Chat
OM Khatri
Panchal Bhumi
Patel Utsavbhai
prakruti godhani
RESHMA VASAVA
Riddhi Neve
Sandeep Panchasara
sanjay patel
Shaily Chauhan


51%
Entrepreneurship and SS...
48:36 166 attendees
Steps to Entrepreneurship
Ideas
Planning
Teamwork
Investments
Trends
Resources
Strategy
Product
STARTUP
PIYUSH DALSANIA (External)

i-Hub
(A Gujarat Government Enterprise)
GOVERNMENT POLYTECHNIC FOR GIRLS AHMEDABAD
सत्यमेव जयते
Education Department
Government of Gujarat
ROLE OF ACADEMIA IN OPEN INNOVATION
Mr Bhaskar Iyer
Principal, Government Polytechnic A'bad & Government Polytechnic for Girls
Dr Hemin Thakkar
SSIP Co-ordinator, GP Ahmedabad
Mr Pinkesh Kalaria
SSIP Co-ordinator, GPG Ahmedabad
Dr C D Upadhyay
Assistant professor
Mr Vihang Dholakiya
Assistant professor
Ms Sriya Subudhi
Innovation Executive
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Mr. P.G.Kalaria
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GGP,Ahmedabad
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