



ANNUAL REPORT

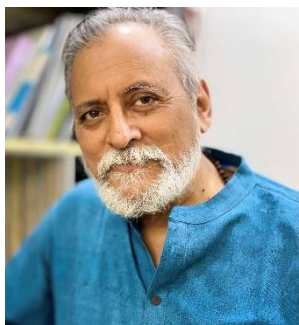
2022-2023

Gujarat Grassroots Innovation & Augmentation Network (GIAN)

Bungalow No.1, Satellite Complex, Near Mansi Cross

Road. Ahmedabad, 380015, Gujarat, India

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Message by the Secretary

Professor Anil K. Gupta

*Founder, Honey Bee Network, SRISTI, GIAN & NIF
Visiting Faculty, IIMA, IITB, Academy Professor, AcSIR,
CSIR Bhatnagar Fellow 2018-21*

I am extremely happy to present the annual report of the Gujarat Grassroots Innovation Augmentation Network, an organization dedicated to empowering innovative farmers, artisans, and other grassroots innovators through inclusive development based on creativity, knowledge sharing, recognition and entrepreneurial support.

Over the past year, GIAN has continued to serve as a catalyst for innovation at the grassroots level, bridging the gap between traditional knowledge and modern technological advancements. Our efforts have been directed toward identifying, nurturing, and scaling the remarkable ingenuity found in rural and underserved communities. Through our mentorship programs, incubation support, and collaboration with institutions, we have strengthened our commitment to creating sustainable and scalable solutions that address pressing societal challenges.

The impact of our work is evident in the success stories of innovators who, with limited resources but boundless creativity, have transformed ideas into viable solutions benefiting local economies and communities. From agriculture to healthcare, from environmental sustainability to affordable technology, our innovators are not only solving real-world problems but also redefining the meaning of self-reliance and grassroots entrepreneurship. We extended support to COVID-19-affected families particularly workers stranded at construction sites.

None of this would have been possible without the unwavering support of Prof Bakul Dholakia, Chairperson, GIAN Board and former Director, IIMA, other Board members, partners, policymakers, and, most importantly, the grassroots innovators themselves. I extend my deepest gratitude to all stakeholders who have contributed to this journey. As we move forward, our vision remains steadfast— to foster a culture of grassroots

innovation, expand our reach, and ensure that the ingenuity of common people receives the recognition and support it deserves.

Together, let us continue to champion the spirit of innovation and inclusivity for a brighter, more self-sustaining future!

With best wishes

A handwritten signature in black ink, featuring a large, stylized 'A' and 'K' with a small 'G' and a dot below the 'K'.

Prof. Anil K. Gupta



Introduction by CEO

Dr. Anamika Dey

CEO, GIAN

It brings me immense pride to witness the continued journey of the Gujarat Grassroots Innovation Augmentation Network (GIAN) as it strengthens its commitment to fostering innovation at the grassroots level. In a rapidly evolving world, where challenges and opportunities emerge in equal measure, our mission to empower creative minds from diverse communities has never been more relevant. This year, GIAN has taken deliberate strides not just in identifying and promoting grassroots innovations but also in ensuring that these innovations create meaningful and lasting impact.

At the heart of GIAN's success lies the recognition that grassroots innovation flourishes in an ecosystem that nurtures not only creativity but also resilience. Our efforts this year have focused on bridging the gap between innovators and the critical support systems they need to scale their solutions. By fostering strong collaborations with governmental bodies, academic institutions, industry partners, and local communities, we are enabling grassroots innovations to address practical, real-world challenges while ensuring their long-term sustainability.

This year has also seen the expansion of key initiatives such as innovation scouting, incubation support, and market linkages, providing a robust platform for innovators to develop and commercialize their solutions. The recognition and encouragement from policymakers and key stakeholders have reinforced the national significance of our work and motivated us to further amplify the voices of grassroots innovators.

Looking ahead, the future of innovation lies in collective action and collaboration. GIAN's role as a facilitator and enabler of grassroots innovations will be more critical than ever, as we work alongside diverse stakeholders to scale impactful solutions. Our unwavering commitment remains to empower innovators whose ideas have the potential to drive inclusive and sustainable development.

I extend my deepest gratitude to our governing board, esteemed partners, and supporters for their unwavering encouragement. I also express my sincere appreciation for the entire GIAN team, whose relentless dedication continues to bring our vision to life. With renewed energy and optimism, I look forward to witnessing the next chapter of GIAN's journey as we harness the power of grassroots innovation to drive transformative change.

With best wishes,

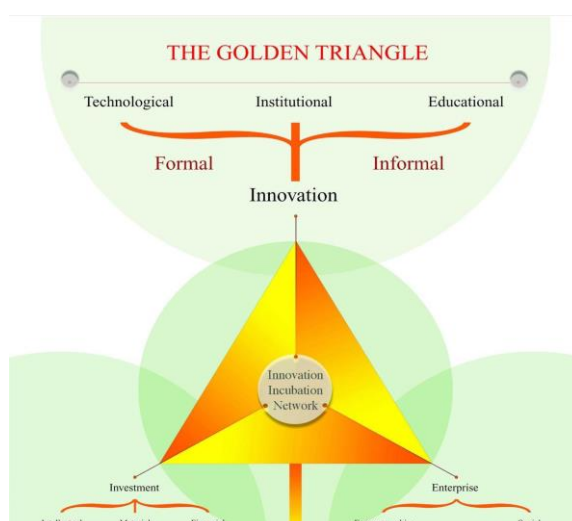


Dr. Anamika Dey

1. INTRODUCTION

GIAN (Gujarat Grassroots Innovation Augmentation Network) is the first incubator of grassroots innovations set up in 1997 in collaboration with the Gujarat government and supported by SRISTI and IIMA in addition to the Honey Bee Network. In 2003, It shared the best technology incubator award by NSTEDB, DST at the hands of then President Dr. A P J Abdul Kalam with IIT Madras.

The Honey Bee Network pioneered the IPR protection even in USA for grassroots innovators in collaboration with SRISTI in 1998 and created a platform for linking innovation, investment, and enterprise.



About GIAN

- A trust under the Bombay Public Trust Act, 1950, Registration no F/ 5830 (Ahmedabad) & as a society under the Societies Registration Act, 1860 Registration no. GUJ/5981/Ahmedabad.
- A Nodal Institute under the Startup Gujarat Scheme, Government of Gujarat
- A Scientific and Industrial Research Organization (SIRO) by the Department of Scientific and Industrial Research
- A Patent assistance cell, Government of Gujarat

- GIAN also established a Sec 8 company, GIANASTRE with the assistance of the Gujarat government with identity. No. U74999GJ2018NPL103052 (Companies Act, 2013 (18 of 2013)).
- GIAN's model was scaled up in the form of the National Innovation Foundation-India, set up under the Department of Science and Technology with the help of the Honey Bee Network.

Mission

“To nurture and sustain the spirit of innovation, encourage experimentation, and nurture creativity at the grassroots. To promote innovations from and for grassroots communities leveraging functional traditional knowledge, using commercial as well as non-commercial channels”

Objectives

- To scout, document, and validate the grassroots innovation, help them achieve scale by adding value, design, and other inputs from formal organizations including private companies.
- To do market research, develop strategies, protect IP where needed, promote solutions as DIY, and facilitate partnerships between innovators and entrepreneurs.
- To unleash the creativity of common people helping them gain respect, recognition, and reward innovations from around the world through HBNCRIIA awards.
- To undertake research and policy studies to nurture and promote an inclusive innovation ecosystem.

2. LIST OF GOVERNING BODY MEMBERS

Name	Profession Occupation	Designation
Prof. Bakul Dholakia	Former Director of IIM Ahmedabad Director & Former Vice Chairman of Adani Institute of Infrastructure Management and Advisor to Adani Group.	Chairman
Shri. S J Haider IAS	Addl Chief Secretary (Industries & Mines), Dept. Of Industries & Mines, Govt. of Gujarat	Vice Chairman
Prof. Anil K Gupta	Honorary Secretary, GIAN, & Visiting Faculty, Indian Institute of Management, Ahmedabad, IITB & AcSIR	Honorary Secretary
Shri Mukesh Puri, IAS	Additional Chief Secretary Agriculture, Farmers Welfare & Co-operation Department, Govt. of Gujarat	Member
Smt. Mona Kandhar IAS	Principal Secretary to the Government Panchayat, Rural Housing & Rural Development Department	Member
Shri C. K. Koshy	Ex. Chairman, GSPC limited and Ex ACS Industry, Guj Govt, Faculty, CEPT	Member
Prof. Vijaya Sherry Chand	Faculty, Indian Institute of Management-Ahmedabad	Member
Prof Sanjay Verma	Faculty, Indian Institute of Management-Ahmedabad	Member

Shri Nilesh A Kulkarni	Director – Commercial Gharda Chemicals Limited	Member
Smt. Reema Nanavaty	General Secretary, SEWA	Member
Shri Sunil R. Parekh	Advisor, Zydus-Cadila Ltd.	Member
Mr. Sunil Shukla	Director, Entrepreneurship Development Institute of India	Member
Dr Vipin Kumar	Director, National Innovation Foundation	Member
Prof Anish Sugathan	Faculty, Indian Institute of Management-Ahmedabad	Member
Shri Sanjay Tilva	Grassroots Innovator	Member
Smt Mamta Verma IAS	Principal Secretary, Energy & Petrochemicals Dept.	Member
Prof Praveen Nahar	Director, NID	Member

4.0 LIST OF PROJECTS AND ACTIVITIES CONDUCTED

4.1 Projects Updates

4.1 MOU with Suzuki Motor Company for augmenting Grassroots Innovations

Suzuki Motors Japan and GIAN have shortlisted seven products to support grassroots innovations in prototyping, refinement, and marketing. The status of these innovations is detailed below.

Manual Rice Planter – The design improvement in the manual version has led to an improved model v1 and tests have shown promising results. The design improvements were undertaken by the GIAN team in collaboration with SIC. The second model with the motorized movement of the finger is under work. Links with Mera Tractor have been forged to facilitate marketing.

Groundnut Digger – The product is currently being supported for marketing; accordingly necessary marketing material are being developed. The designs were reviewed by the innovator and marketing team. The mobile thresher is also being marketed. Mobilization of fund is posing a challenge.

Banana fiber products – The innovator is being supported for effective marketing, building an effective supply chain, strategy and commensurate marketing materials are being readied. The innovator/entrepreneur has already hired a marketing person to coordinate the marketing activities.

Bullet Santi and Sanedo– The vehicle is continuously reviewed for improvements, considering the complexities arising out of the use of second-hand components in the agricultural vehicle. A meeting is planned to pool the learning from users for varying periods. The purpose is to develop a video manual for preventive maintenance.

Manure Spreader – The machine has been doing very well in the market. The customer feedback is quite positive. Since the machine is already being marketed, the support to the innovator is primarily for further improving the marketing and management. The testing is underway at Agricultural University, Udaipur.

Neerain Water Filter – The product is already being marketed. Further improvement to make the filtering process and rainwater bypass more effective is underway. IoT applications are being explored.

Snow Remover: The earlier model is being redesigned completely for removing snow in narrow lanes, particularly in the Himalayan region like UT of J&K. Support for redesign and technical help is being extended to the innovator.

4.2 Department of Biotechnology, GOI for strengthening bio-resource-based entrepreneurship in the mountain regions (J&K, West Sikkim, Kiphire, Tuensang, Nagaland)

The project envisages the creation of a database of local bioresources of some of the most backward regions of the Himalayas and is expected to culminate into the formation of 5 bio enterprises benefitting the people of the region. The project is being executed as per the terms of the signed agreement.

The project has reached halfway of its duration. By the baseline survey conducted, various natural products, wild and cultivated fruits and vegetables, pulses and other medicinal plants of the project locations (The Geysing-Sikkim, Khipire-Nagaland, Baramulla _Kashmir) have been identified for making them as marketable products. The local capacity for processing is being built. Products are now being readied for the market for selling them to the end consumers. Some of the products are already being marketed to test the consumer response.

In continuation, supply chains for these identified products are also being streamlined and organized by exploring the most suitable legal entities that can act as feeders to the marketing channels for these products.

a) Activities in Khipri, Nagaland

Various workshops among the farming community of Nagaland were conducted. Agro-produce for testing in the lab as well as test marketing.

b) Activities in North District, Sikkim

Workshops among farming communities to create a sustainable supply chain. Capacity building for entrepreneurial outlook. Products were identified for testing and test marketing.

c) Activities in Baramulla, Kashmir

Agro-produces are being marketed after being suitably packaged in a test mode. The process of creating legal entities for the creation of a supply chain is also underway. Entrepreneurship & Innovation workshops were also conducted among students and various stakeholders.

4.3 Progress on Support from Gujarat Industrial Investment Corporation Limited (GIIC) for deploying and delivering sanitation solutions/benefits to Agariya's (Phase-1 completed)

On account of its unique geography and weather conditions, combined with the manual salt-making process employed by Agariyas; Agariyas face acute problems related to sanitation during their long stay of eight months. Shortage of sufficient potable water, lack of toilets, and the presence of vast open lands force them to practice open defecation. All the problems related to health and socio-economic factors associated with open defecation are hence faced by the community. The problem was addressed by designing a suitable toilet. The toilet was designed and successfully demonstrated by installing it among 25 families in the region.

4.4 Nutrition Garden in Government Schools

The projects entail kitchen gardens for schools to enshrine & ingrain the habit of supplementing mid-day meals and generating appreciation of the nutritional values of plants & vegetables among students.

Accordingly, seeds of different varieties of plants and vegetables were supplied to more than 900 schools this year and monitored for last year's distribution. The project is operating in schools enhancing knowledge of the importance of farming among students with some generating surplus produce for selling in the market.

Vegetables Seeds Distributed - String Beans, Bottle Gourd, Ridge Gourd, Ridge Gourd, Ladyfinger, Tomato, Brinjal, Lima Bean, Hyacinth Beans, Red Hyacinth Beans, Spiny Gourd, Pigeon pea

Total kits to be distributed – 900

Total state covered – 8 (Chhattisgarh, Gujarat, Haryana, Himachal Pradesh, Maharashtra, Odisha, Sikkim, Uttar Pradesh)

Total school to be covered - Around 800

4.5 Discover & Deploy- UNDP Energy Campaign

Ongoing partnership of UNDP Accelerator labs, N Y, after running two online cohorts for solutions mapping and 45 one-to-one mentoring sessions with the 91 UNDP accelerator labs in 115 countries, last year we ran a campaign on discovering and deploying Grassroots energy innovations for increasing access to safe and sustainable energy to 500 million people across the globe. Solutions mappers have discovered 359 grassroots energy solutions from across different regions, demographics, and energy sources.

The campaign received more than 1400 nominations. The nominations were analyzed on various parameters for further refinement and actions as planned.

5. Other Activities

5.1 People's Festival of Innovation at IIC-Delhi

People's Festival of Innovation at IIC-Delhi was organized by GIAN in partnership with C-CAMP, Bangalore with the support of IIC-Delhi from 19th November 2022 to 30th November 2022. The objective of the festival was to showcase the spectrum of innovations at the grassroots level in India, along with the latest technological interventions in different domains of grassroots-level innovations.



More than 50 innovations each by GIAN and C-CAMP were displayed during the occasion.

The occasion provided an interactive platform to innovators for sharing not only mutual learning and experience among them but its relevance in the context of customers perspective.

Various activities like Panel discussions, exhibitions, Interactive sessions, Expert speakers, etc. were conducted to enrich the experiences of innovators, participants, and consumers.

The occasion also led to the intensive use of social media platforms like YouTube, Facebook, etc. to engage & disseminate the sharing of learnings as widely as possible.

5.2 Participation in Sattvik Traditional Festival and lessons learnt

GIAN and its partner institutions participated in the Sattvik Food Festival; Five stalls were engaged for the promotion and sales of various traditional items sourced from Nagaland, Kashmir & Sikkim.

The occasion was used for raising awareness about the health benefits of various food items sourced from the abovementioned states & UT and testing the suitability of plants & vegetables from bio-resources of the Himalayan region for expanding the reach of these traditional items.

The response had been heartening as more than 7 lakhs of produce from the abovementioned regions were sold in four days. The footfall was approx. 30,000 for the event.

The occasion also provided much-needed feedback from the direct consumers of these products. The experience gained will be used for further refinement and value addition required for deepening and widening the consumer acceptance of these traditional products.

16 members of the local community from the regions of Kashmir, Sikkim, and Nagaland also participated in the festival. The experience gained by these members was a crucial enabler for them to appreciate and understand the commercial potential and modifications required for the wide acceptance of their local produce.

The various local print media also covered our stalls.

5.3 Visit of delegation from the MOST (Min of Science, and Technology), Philippines

A nine-member delegation from the MOST visited GIAN's office and the People Festival of Innovation from 26th November 2022 to 2nd December 2022. The team consisted of academics and bureaucrats from the Philippines.

The visit was to understand the grassroots innovations ecosystem of India and interact with its stakeholders. In this regard, the team visited the location of Sanjay Bhai Tilwa, innovator of groundnut digger, Rajkot & Mansukh Bhai Jagani, innovator of Bullet Santi, Amreli.

The team expressed keen interest in various innovations suitable to their country and accordingly products are being identified to be exported to their country. It is expected to generate export sales for innovators supported by GIAN.

5.4 Visit of Delegation from Malaysia, MOSTI and YIM

A team of 7 visited GIAN Office from 2nd April, 2022 to 6th April 2022 with the objective to understand grassroots innovations and their potential applicability in Malaysia.

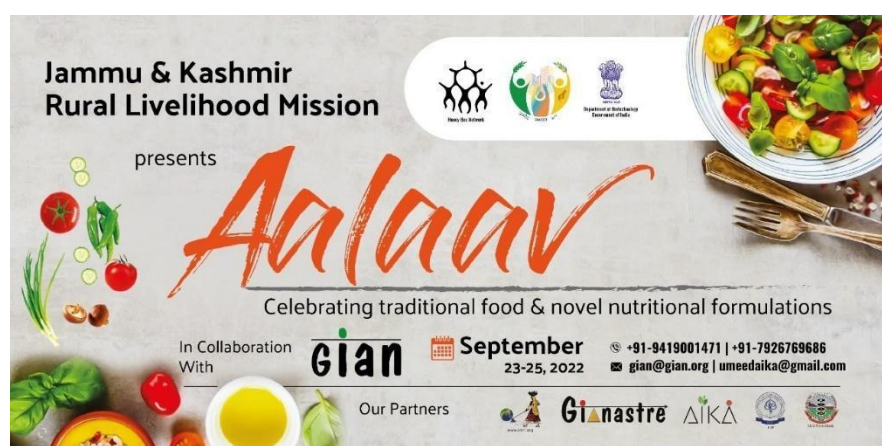
The team visited the exhibition in IIMA and interacted with the innovators. More than 50 innovations and innovators participated in the event and shared their experiences with them.

The team expressed deep interest in the innovations and their challenges at the lowest echelon of the economy. The team was also able identify innovations suitable & relevant to their home country. Currently they are engaged in the process of importing certain products meeting their specific requirements.

The team also visited an exhibition and interacted with innovators in their work locations in Dharamshala (H.P) and Rajkot (GUJ). The visit and

interaction led to a deeper understanding of the challenges relevant to the grassroots innovators and innovations.

5.5 First Traditional food festival in Srinagar in partnership with JKRLM



A traditional food festival “ALAAV” was organized on 23-25 September 2022 by GIAN in partnership with JKRLM showcasing traditional food produce of Kashmir, specifically Baramulla.

17 stalls were used for showcasing and selling the traditional food products of the Kashmir region. Around 40 participants from the local community represented GIAN.

GIAN was able to generate sales amounting to Rs. 80,000 on the daily footfall of 800-1000 people.

5.6 Collaboration with J&K Government with respect G-20, Tourism Working Group.

GIAN has shared with the J&K government various activities to be showcased during the G-20 working group meeting, demonstrating sustainable livelihood opportunities.

GIAN was also assigned with the task of catering food based on traditional Agro produce of the region whereby the delegation visiting Kashmir on May 2023 be served authentic & novel cuisine of the region, especially focusing on millet. GIAN also planned to showcase sustainable livelihood activities, Innovations, and its various branded products during the three days visits of the delegates, comprising 200-300 members from the region.

5.7 Extending support to Aarohan Social Innovation Awards 2023 Event, conducted by D.D.B Mudra and supported by Infosys Foundation.

GIAN was one of the partners tasked with identifying & screening 600 grassroots innovations from across India in the field of Health, Education and Women Empowerment to be nominated for the awards. The screening for the nomination was a rigorous process.

We are pleased to announce that we achieved the target and slightly surpassed the mandated task by nominating 606 nominees. GIAN is not only able to demonstrate its expertise in the grassroots innovation ecosystem in India but also able to generate additional income for the organization.

5.8 Zydus Exhibition of Innovation Event

GIAN in collaboration and support of Zydus at the Zydus Corporate House Gandhinagar held an exhibition on 16.03.2023. Fifteen innovators attended and displayed their innovations and relevance during the exhibition.

The event was graced by Mr. Pankaj Patel, Chairmen founder of Zydus, Executive Director Mr. Ganesh Nayak, Managing Director Mr. Sharvil Patel along with the other members and employees of the group. The exhibition was appreciated and created awareness among the staff and members concerning the scope and potential of grassroots innovations in India.

5.9 STMicroelectronics Foundation teaching activities

STM Foundation and GIAN have partnered to run Informatics and Computer Basic (ICB) under the Digital Unify initiative of the foundation. The course is targeted towards the economically weaker and deprived community of the region surrounding the premises of the class.

Under the initiative, the foundation has provided 6 desktops and related equipment for the lab and supported the salary of an IT trainer. The course consists of different modules covering the basics of understanding office and internet tools and their usage and of the 20-hour duration. At the end of which a certificate is issued to the successful candidates. More than 135 students benefited from the course during the year.

5.9 Internships at GIAN

During the year GIAN also provided various opportunities for internships to students from different backgrounds like social innovations, entrepreneurship, product design, etc. from different academic institutions.

5.10 Upcoming GIAN Innovations Centre in Sanand

Considerable progress was achieved in terms of regulatory approvals, design, development, architectural changes, and cost estimation. It is expected that in the coming years construction activities will also be started, however considering the currently prevailing rainy season, the activities have slowed down.

M/s Gayatri Construction was assigned the task of construction based on the tendering process as required by the government authorities.

5.10 Academic activities from GIAN

Prof Anil Gupta and Dr Anamika Day conducted various courses as guest faculty during the year, such as Meeting the Unmet Needs: Inclusive Development through Innovations for and from Grassroots under the aegis of ACISR, NIPER, IIM, etc., expanding and inculcating GIAN's values among the future generations of managers and scientists.

6. SUMMARY OF ACCOUNTS

Year 2022-2023 – Fig. INR

Total Income	FCRA	Non-FCRA
2,03,98,720	1,06,14,858	97,83,862

Total Expenditure	Program	Overhead
1,90,74,579	1,79,70,295(94%)	11,04,284(6%)

Past Three Year

Year	Income	Expenditure	Excess of Income over Expenditure
2022-2023	2,03,98,720	1,90,74,579	13,24,141
2021-2022	1,86,98,033	1,76,12,298	10,85,735
2020-2021	2,57,03,132	2,46,91,129	10,12,003