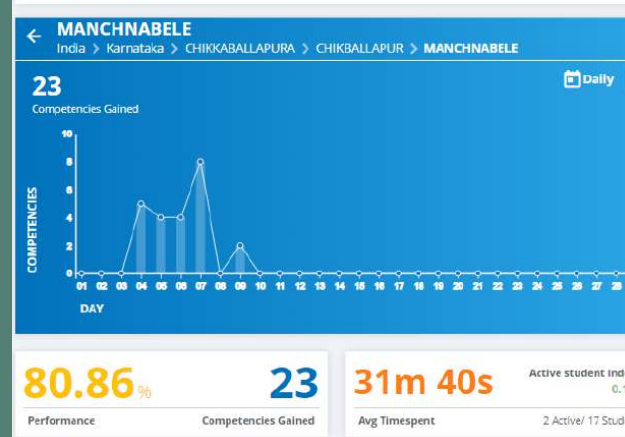
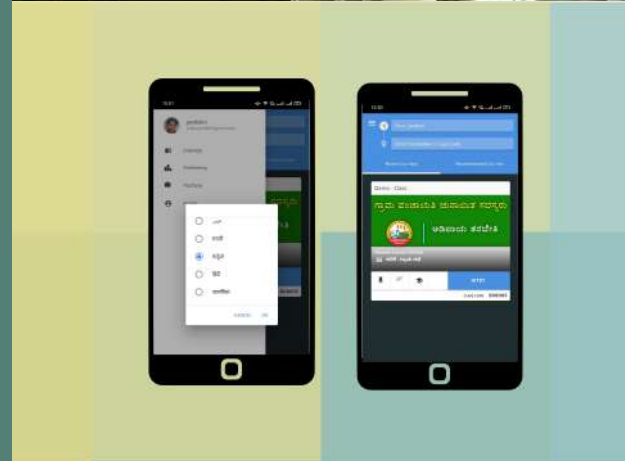


SAMPOORNA  
SWARAJ  
FOUNDATION

# ANNUAL REPORT

Digital transformation  
of Gram Panchayats  
of India

2020- 2021 | Issue- 1





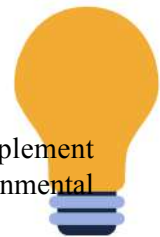
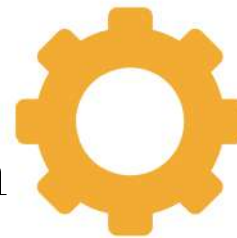
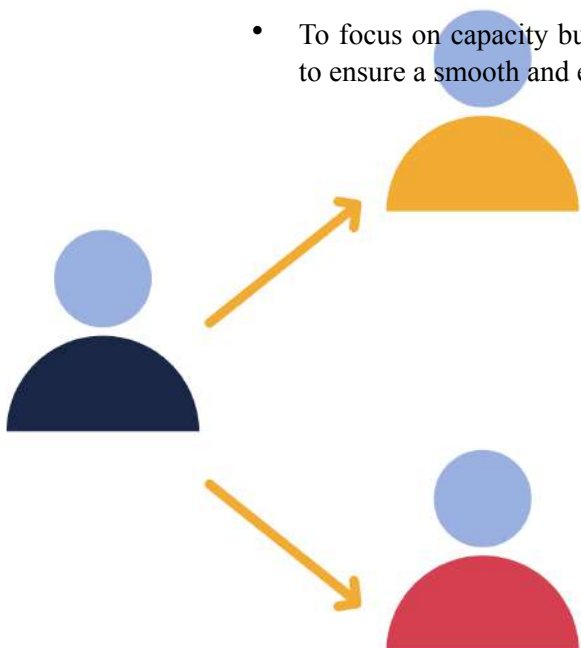


# Content

4	Our Mission
5	Certificate of Excellence
6	Theory Of Change
7	Board of Trustees
10	What We Do
11	Why We Do
13	How We Do
14	Shaping The Future
15	The Gram Panchayat Ecosystem
16	Sampoorna Panchayat by SSF
18	Navigated Learning Technology by SSF
20	Public Distribution System by SSF
23	Digitising India's Primary Health Centres
24	Over The Years
34	Reflection: 2020-2021
37	Our Response to the Pandemic
38	The Team
40	Collaborators
41	Partner NGOs
42	Contact Us

# Our Mission

- Sampoorna Swaraj Foundation's mission is to introduce and implement Information and Communication Technology effectively in the local governmental institutions across India.
- Unlock the potential of Information and Communication Technology which will in turn create thousands of job opportunities for our rural citizens.
- Realise Digital India and assist in bridging the digital divide between rural and urban India.
- Enable more transparent and accountable sharing of information between the citizens and Gram Panchayats.
- Encourage inclusivity by involving all the stakeholders in the process of decision making in the Gram Panchayats.
- Educate our citizens on their duties, rights and responsibilities as democratic citizens of this Nation.
- To focus on capacity building of the Gram Panchayat institutions and the citizens to ensure a smooth and effective local government for the people.

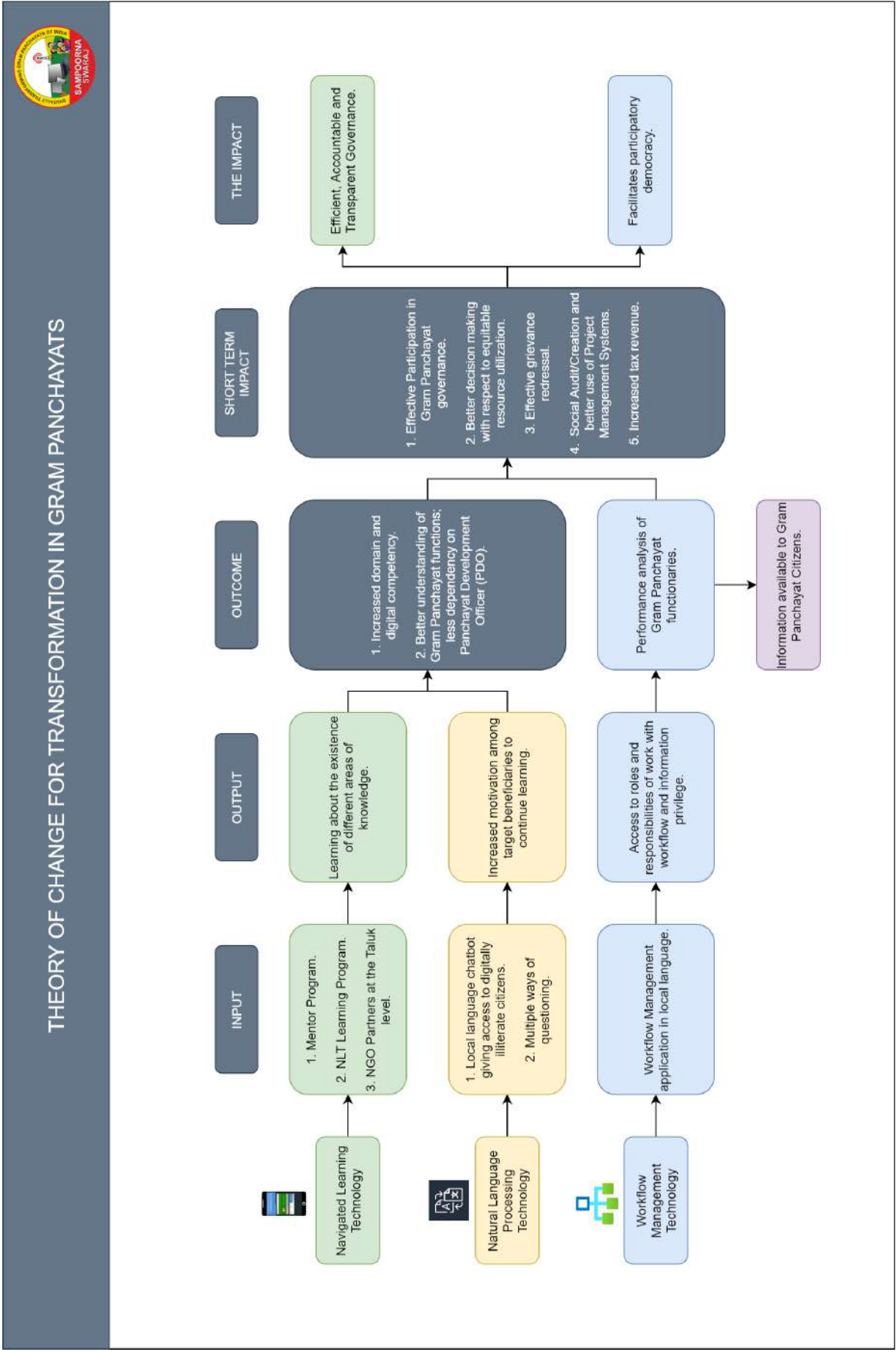


# Certificate of Excellence



Sampoorna Swaraj Foundation was awarded the Certificate of Excellence for innovative work in the field of Information and Communication Technology based solution in 2014 by Bihar Innovation Forum-II





Sampoorna Swaraj Foundation uses an integrated approach to bring transformation on a massive scale to out villages. The Theory of Change Model shows the short-term and the long-term impact of our technological interventions.

# Board of Trustees



**Dr. Shankara K Prasad**  
Founder and Managing Trustee

Dr. Shankara Prasad has an M. Tech degree from IIT, Kanpur and Ph.D. in Engineering from State University of New York, Stony Brook.

Dr. Prasad has worked in the Computer industry for more than 20 years with Intel, Bosch, CS2 in USA & Europe and has been a technology consultant for Semiconductor companies in 17 countries. Since 2001, Dr. Prasad is an active e-governance evangelist and his passion is to bring Six Sigma Enterprise philosophy and methodology into the Indian Government domain. He is the architect of a Work Flow Automation software solution for Gram Panchayats, which is specifically developed to make Local Governments digitally enabled. Presently, Dr. Prasad is the Founder and Managing Trustee of Sampoorana Swaraj Foundation, which focuses on implementing ICT solutions (Sampoorana Panchayat Work Flow Automation and Navigated Learning Technology solution) at Gram Panchayats to enable capacity building, participatory democracy and facilitate accountable and transparent local self governments.



**Ravi Nagaraja**

Ravi is a Co-Founder & Trustee of Sampoorana Swaraj Foundation. Ravi has a Bachelor's degree in Electronics from Bangalore University. Ravi has over 30 years of experience in managing software companies. He was responsible for building products and IT services business in Manufacturing & Banking/Financial Verticals. Ravi has coached/mentored software companies to achieve accelerated growth targets process/quality improvement, and organization re-structuring.



**Vinay Kohli**

In a career spanning over 38 years, Mr. Kohli is a retired Indian Administrative Service officer who has held several posts in Assam, Meghalaya and in several economic Ministries of the Government of India. After serving as Joint Secretary in the Ministry of Chemicals and Fertilisers, and Minister (Economic) in the Indian Mission to the European Union, he was appointed Secretary in the Ministry of Information Technology.







## Prof. Janekere Sadanand

Janekere Sadananda is a retired Professor of Political Science from Kuvempu University. As part of his work, he designed and implemented a unique certificate course for Elected Members of Gram Panchayats in Karnataka as a collaborative project for Kuvempu University and Department of Rural Development and Panchayati Raj. Professor Sadananda was also a South Asian Visiting Fellow at Oxford University, 1991. Professor Sadanand held the position of Director of Centre for the study of Local Cultures which was a project sponsored by Ghent University, Belgium, and also for the Asia-Link Project sponsored by the European Union.



## Gopal S Krishna

Gopal has professional experience in the electronics and semiconductor Industry. He lead various teams and organisations for Intel and Advanced Micro Devices in the United States. Most recently he was the Managing Director of Maxim Integrated Products, India. Gopal's interests are preventive healthcare/wellness engineering and rural livelihood development, and social enterprise models, for which he is currently involved in volunteering, innovation, and solutions development. Gopal is currently a board member at Karuna Trust.



## Shankar Narayana Karanth

Karant worked for 29 years at Vijaya Bank as a Manager till the year 2000. Since then, he works as an independent Project Consultant. Karant is an inspiring social activist who is focused on helping and working with the needy and the under-privileged.



## Keshava Prasad

Keshava Prasad brings over 25 years of experience in IT and Consulting, Software Development, Product Engineering, Agile and Program Management. He previously worked as the Vice President for Citibank, Singapore. He has extensive working experience in global projects with Department of Health UK, NHS UK, Airlines, Banking, Automotive, Hospitality, and domains in Countries including India, UK, Singapore. Mr. Prasad is also the Project Director and an Advisor to Sampoorana Swaraj Foundation.



## Pradeep Pydah

Pradeep Pydah is the CEO of AsterQuanta. He has MS in Electrical Engineering from the University of Southern California, Los Angeles. He brings more than 17 years of experience in Silicon Device level Physics-to-AI-Systems where he worked with Intel, Texas Instruments, Cypress Semi and Maxerience. He has built multi-domain technology and operations team from scratch for scale up.



## Sham N Kashyap

Sham N Kashyap is a Research Fellow at the School of Policy and Governance at Azim Premji University. He is primarily involved in research and advocacy on issues related to rural governance and local service delivery. Sham has a dual Masters degree in Computer Science and Agricultural Economics from Kansas State University, USA. Sham has served as a Panchayat Development Officer with the Government of Karnataka. He has more than 15 years of work experience in the development sector.

# What We Do



The citizens in our democracy interact very closely with the government at the local level. Though the major policies regarding education, health, security, property and infrastructure are made at the Federal or State level, the actual application of the policies happens at the Local Government level, i.e. Gram Panchayats.

More than 800 million of our countrymen live in villages, and their major contact with the Government is at the Gram Panchayat level. According to 73<sup>rd</sup> Amendment of our Constitution, the Gram Panchayat is a decentralised government and has powers to plan and execute the vision of the local community, through democratic means.

Our vision is to empower the rural minds, educate them on democratic rights and duties, and bring into effect through Information and Communication Technology (ICT) an efficient, transparent, harmonious and participatory democracy. The mission of the Foundation is promotion, propagation, and development of the ideals of Swaraj (Self Governance) and Suraj (Good/Transparent governance) at Local Government Level according to 73<sup>rd</sup> amendment to the Constitution of India. We are also working on bringing Information and Communication Technology to the rural communities to establish and demonstrate Accountability and Transparency in governance.



# Why We Do



## To bridge the digital divide

We live in a time lead by technology and fuelled by the internet. The villages of India lack behind in these digital developments. Sampoorana Swaraj Foundation (SSF) is working on bridging this gap between rural and urban India by implementing Information and Communication Technology so that our citizens in the villages will enjoy the same benefits as the citizens in the cities.

## Educate our elected representatives in the villages of India.

Today, we observe that our elected leaders in local governments are not aware of their rights and responsibilities. The elected representatives of Gram Panchayats are the leaders for more than 6,00,000 villages across India. We can significantly improve the quality of management and development within the villages of India when we train our leaders to be competent in their duties.

## Empower villages through accountable and transparent gram panchayats

In most of the democratic countries of the world, the Definition of Democracy is, “Government by the people, of the people and for the people”. However, in today’s

India, the definition needs to be changed: “Government by the people’s representatives, of the people’s representatives and for the people’s representatives”.

These elected and employed representatives in the government are doing less to people and more to themselves, and the general feedback received thus far indicates that the trickling down of monetary grants and services is seldom more than 20 to 30 percent of the intended value.

It is time to give back the Government to be managed by the people by providing them with technological support to monitor what is happening inside their governments. This feedback and monitoring system is expected to empower the citizens with information to understand what is happening in their governments and allow them to participate in developing a roadmap for their communities’ future.



## Capacity building of our Gram Panchayats

Capacity building of any institution is crucial to run the house at full potential. There should be economic and social development in any panchayat which will be achieved with effective capacity building of the elected leaders and the institution. Sampoorna Swaraj Foundation is looking at providing solutions in the form of education, workflow solutions, automation of processes, and making the system capable of supporting all these functions to achieve a 21<sup>st</sup> century gram panchayat.

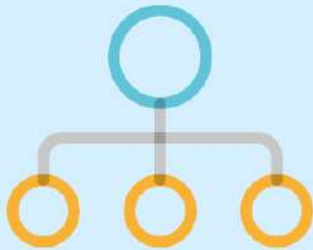
## Executing United Nations Sustainable Development Goals in Gram Panchayats

The United Nations Sustainable Development Goals (UNSDGs) is a set of 17 global goals which is a blueprint to achieve a better and sustainable future for all. Given the amount of people living in rural areas, SSF has identified that the villages of India will play a significant role in achieving the goals. The potential of our villages in achieving the goals makes it even more important to work with them to make this happen. The Organisation aims to educate our citizens on the goals and targets, and help them understand the importance of achieving these goals.





# How We Do



Workflow Management  
Technology



Navigated Learning  
Technology



Natural Language  
Processing Technology

## **Workflow Management Technology**

**S**ampoorna Swaraj Foundation aims to bring Six Sigma enterprise management solutions to Gram Panchayats, which is accomplished through developing Software workflow engine technology which enforces Six-Sigma process management by Integration of Internal and External processes of a Gram Panchayat. To provide easy access to real- time information for all stakeholders with required security. To provide access to Gram Panchayat services through mobile apps. To accomplish real time auditable interaction among all stakeholders - Citizens, Gram Panchayat officials, elected members, Vendors, NGOs, etc.

## **Navigated Learning Technology**

The Organisation is actively working in providing the best learning solution for our elected representatives in Gram Panchayats. The Organisation has identified the

importance of the awareness of duties, rights and responsibilities for the Elected Representatives, for which the Organisation has carefully researched and adopted Navigated Learning Technology for the learners. This technology will assist our Elected Representatives through a personalised learning path to help them learn progressively.

## **Natural Language Processing Technology**

We are also working on providing a solution to address the barrier of language between people in the country, and between nations. Communication is one of the biggest gifts when it comes to establishing successful relationships. The Organisation is working in making conversations seamless by integrating Natural Language Processing technology. This technology brings to life the idea of a borderless world where exchange of information happens effectively.



Discussion with R. Gayathri (President) and M.S. Shreedhara (Vice President) at Manchanabale Farm Pamchayat on 25<sup>th</sup> March, 2021.

## Shaping The Future

As much as we talk about it, the future is something we cannot predict. It is not a simple game of cards where the possibility of events is predicted. But one thing we know is that we can shape the future. Shaping the future doesn't necessarily mean that we can change the outcomes completely. It merely means the effort that we will put in to avoid the avoidable.

At Sampoorana Swaraj Foundation, the talks are centred on the villages of India. We are constantly looking at how to shape the future of the villages of India. But the ideal village that existed a few decades ago is changing fast. Agriculture is not as prominent as it used to be, post offices are not the only means of a two way communication, and more than ever, there is a need for a system that can effortlessly adapt to these changes.

Interestingly, as well as unfortunately, one thing hasn't changed in decades; the interaction between citizens and the government. There is almost no need for the definition of "interaction" between these two entities because of the absence of a transparent system. The absence of this important attribute in our Institutions at multiple levels of governance leaves our citizens at a huge disadvantage. The bigger question is, are our citizens even aware of a "transparent system"?

The governance at the village level or a Gram Panchayat is at the grassroot level in India. This is where our rural citizens directly interact with the government. This is the level that gives them the platform to directly involve in decision making, and making their voices heard. If we are going to shape the future for tomorrow, the 800 million people that reside in rural India should be our focus. The benefits that come with achieving a system that is open to its citizens, and inclusive in approach is one that will have a significant impact on what will be tomorrow.



# The Gram Panchayat Ecosystem

**G**andhi advocated for the Panchayati Raj system as the foundation of India's political system. He believed that a decentralised form of government will make each village responsible for their own affairs. This makes it easier to address local agendas and priorities. The clear majority of the Indian population have lived and still lives in the rural setting. As citizens of a democratic nation, it is the responsibility of the government to involve the people in the process of decision making for economic-social development, and justice.

In India, we currently have more than 2,60,000 Gram Panchayats. These Gram Panchayats are the centers of development for rural India. Only when we can make the elected leaders understand that they are the drivers of their destiny, the villages of India will attain its potential.

Also, Mahatma Gandhi had a dream of an ideal village where the community had to have enough housing with proper ventilation for all the citizens, and the houses were to be constructed of a material that was found within 5 miles radius of the village. There will be proper sanitation facility for the citizens, the citizens should be able to grow their own food in their fields or gardens, and grow cotton for clothing. The village should have proper roads and drainages free of dust. It would have wells, worship places, parks, forest, a Panchayat office and a community hall for public gatherings. The village should have infrastructures such as health centers and primary and secondary schools for education. This was Gandhi's vision of an ideal village for India.

To achieve this dream for Indian villages, we are looking at effectively training 30 lakhs Elected Representatives, 30 lakh Gram Panchayat functionaries, and 800 million citizens to help achieve the United Nations Sustainable Development Goals (UNSDGs), and Gandhi's dream of an ideal village.





# Sampoorna Panchayat By Sampoorna Swaraj Foundation



**S**ampoorna Panchayat is a Gram Panchayat Work Flow Automation and Community Portal technology developed and implemented by Sampoorna Swaraj Foundation. This Cloud Hosted Portal solution allows all the Gram Panchayat processes to happen on the internet and facilitates interaction among all the stakeholders in a Gram Panchayat, namely Citizens, Bureaucrats, Elected officials, NGOs and Businesses and thus bringing accountability, efficiency and transparency.

Today, the interactions and transactions in Gram Panchayat institutions are manual, slow, non-transparent and mostly inefficient. And most importantly, there is negligible participation of village

citizens in the local governance due to lack of awareness and lack of facility.

The solution incorporates standard processes, forms and registers according to the 73<sup>rd</sup> Amendment, in order for Gram Panchayats to easily transit into an automated environment. The software architecture is based on open source standards and is multi-lingual, and can be easily modified and is inter-operable. The solution is scalable to integrate both internal and external processes of any Gam Panchayat and offers an audit trail of all activities in a Gram Panchayat which allows monitoring on real time basis.



The Sampoorna Panchayat Web Portal shows the responsibilities of a Bill Collector which is categorised into different types of taxes to be collected from the citizens.

The main impacts experienced by the citizens of the Gram Panchayats where Sampoorna Panchayat solutions are implemented are:

- Efficient, transparent and accountable citizen centric governance at GP level.
- Audit trail of the GP workflow system.
- Death of distance for availing government services.
- Employment opportunities creation in GP's for local youth at village level.
- Reduced digital divide between urban and rural India.

The CLOUD based architecture allows for easy portability and mobility. The Sampoorna Panchayat Work Flow Automation solution is architected as a “Future Proof” software. The Open Source modular architecture and the Process Centric Architecture, allows for easy scalability with as many additional modules as required.

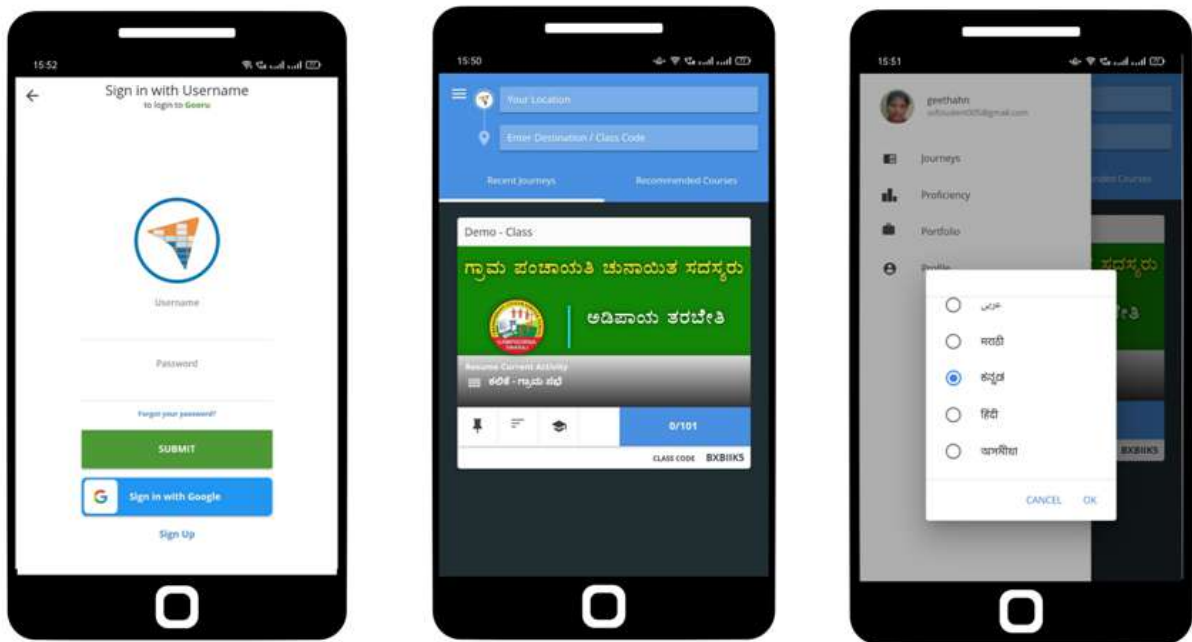


# Navigated Learning Technology By Sampoorna Swaraj Foundation



If we look at the governing structure in rural India, the Elected Representatives of Gram Panchayats are the heads of the Panchayati Raj institutions. Our Elected Representatives are the agents of development for the villages of India. The fact that there are lakhs of local governmental institutions makes it even more crucial for our elected representatives at the village level to be trained using the best resources so that they can lead the rural citizens of India.

Today, our elected representatives are trained either by the National Institute of Rural Development (NIRD) or the State Institute of Rural Development (SIRD). Besides the benefits from these trainings, there are a lot of challenges when it comes to effective training for our elected representatives. Some of the challenges faced are the short span of training, relevance of materials and the wide spectrum of capabilities among the elected representatives. The focus is also more on the “Training” approach rather than the “Learning” approach.



The smartphone interface of Navigated Learning Technology for Gram Panchayat Course by Sampoorna Swaraj Foundation.



These are just a few challenges in the current training methodology which results in poor skill development of our Elected Representatives, and lack of utilisation of domain competencies in local governments.

Sampoorna Swaraj Foundation has carefully studied the challenges and come up with a solution that meets the varied needs of our elected representatives when it comes to training/learning. Sampoorna Swaraj Foundation has worked with Gooru to prepare the competency model and the training material to prepare our local elected representatives with basic knowledge about governance in the Panchayati Raj system in India.

We believe that every learner has a destination to reach. The destination represents the mastery of the subject. But every learner differs in the status of present knowledge on the subject, or the approach to learn the subject. Sampoorna Swaraj Foundation believes that, to navigate a learner to his destination, we need to know where he is, where he wants to go, and all the possible routes that can lead him to his destination. This is the approach that we have adopted to help our Elected Representatives reach their learning destination.



# Public Distribution System By Sampoorna Swaraj Foundation



In 2018, the British and Indian Prime Ministers declared a strategic UK-India Tech Partnership. The shared vision was to “bring the best mind in tech” together to address the global issues while also creating high value jobs and growing the economies of both nations. AsterQuanta applied for the pilot project where the project was shortlisted by the UK Government for the Frontier Technologies Livestreaming program. Sampoorna Swaraj Foundation works as a partner along with AsterQuanta in the pilot program of Public Distribution System (PDS).

The existing Public Distribution System in India caters to the needs of hundreds of millions of beneficiaries across the country. The people living Below Poverty Line (BPL) and Above Poverty Line (APL) are the prime beneficiaries through the Public Distribution System. This distribution system was started to address the problem of unavailability of basic food items at affordable prices. An efficient PDS is essential for our citizens to avail the service from the Fair Price Shops (FPS). The existing system allows the beneficiaries to

avail the services only from designated ration shops using a ration card. Currently, we only have about 5.5 lakh Fair Price Shops in India which is not enough to cater to the needs of the people.

The pandemic has also proven the importance of the availability of food items at affordable prices. During the pandemic, people living on minimum wage were affected the most. There was shortage of food and other essential items especially among the poor. These recent events shows the importance of this pilot project through which the challenges and the potential of the system will be determined.

The proposed idea is based on a solution for a more efficient Public Distribution System which allows the retail shops to provide Fair Price Shop items to the beneficiaries. This means the retail shops will become outlets where the beneficiaries can produce a document to avail the items. The availability of retail shops in all the villages makes it possible to look at this as a potential solution when it comes to easy access of FPS items for the beneficiaries.

A part of the solution is developing a mobile application that will automate all the steps involved in acquiring ration. The citizens can log in to the app using a username and password. Once they log in to the app, they can place the order for the items which will be available at the nearest registered retail shop. With these tools merged together, the citizens will be able to order ration easily from the nearest retail shop where the citizen can go and pick it up once it has arrived.

Sampoorna Swaraj Foundation is working on the implementation of the pilot project in Chikkaballapur district of Karnataka. The organisation is also working on training of stakeholders using Navigated Learning Technology. All the stakeholders will be trained and educated on the proposed system, and how to use the app for the beneficiaries.



Retail shops in the villages which can be the means of supplying Fair Price Shop items to the beneficiaries across the country.

## The App Interface for PDS

STEP 1 of 4  
TAKE ORDER

Select a beneficiary from the pick-list below to Create an order and click on NEXT

Select Beneficiary Name

Lakshmi Reddy C/o Bomma Red...

Lakshmi Reddy

Ration Card No- AQ774211

Aadhaar No- 111122220103

15, Nandi Hill Road, Kodigal, 563123, KA

Card Type

NPHH

Family Members

4

Other Details

Sericulture

Order Requested By

Lakshmi Reddy ( Self )

NEXT

STEP 2 of 4  
TAKE ORDER

Ramappa Gowda ordered by Self Ramappa Gowda for...

Order Details

Rice

Rs. 0/Kg

8 Kg

Ragi

Rs. 0/Kg

12 Kg

Wheat

Rs. 0/Kg

2 Kg

BACK

NEXT

STEP 3 of 4  
CONFIRM ORDER

Review the order and click on NEXT

Order Details

Items	Qty	Rate	Cost
Rice	10 Kg	Rs. 15	Rs. 150
TOTAL			Rs. 150

BACK

NEXT

STEP 4 of 4  
COMPLETE ORDER

Select Retailer

Select the retail store you would like to deliver the order at and click on COMPLETE.

Sri Ranga Traders

23, Near Railway Station, Gowribidanur, 562101, KA

23, Near Railway Station, Gowribidanur, 562101, KA

BACK

COMPLETE

Order Created Successfully

Order-Id : JYSYCQSVAA0Q5

DONE

List of orders you need to collect from Fair Price Shops (FPS). You must filter the orders by FPS to collect orders pertaining to a specific FPS.

Filter By FPS

ALL FPS

By Beneficiary Consolidated

Lakshmi Reddy

Rice - 10 Kg.

Order-Id JYSYCQSVAA0Q5

FPS V.S.S.S.N, Kadaburu

Amount Rs.:150.0

COLLECT

COLLECT ORDERS

Lakshmi Reddy

Ration Card No- AQ774211

Aadhaar No- 111122220103

15, Nandi Hill Road, Kodigal, 563123, KA

Card Type

NPHH

Family Members

4

Other Details

-

Order Details

Items	Qty	Rate	Cost
Rice	10 Kg	Rs. 15	Rs. 150
TOTAL			Rs. 150.0

Retailer

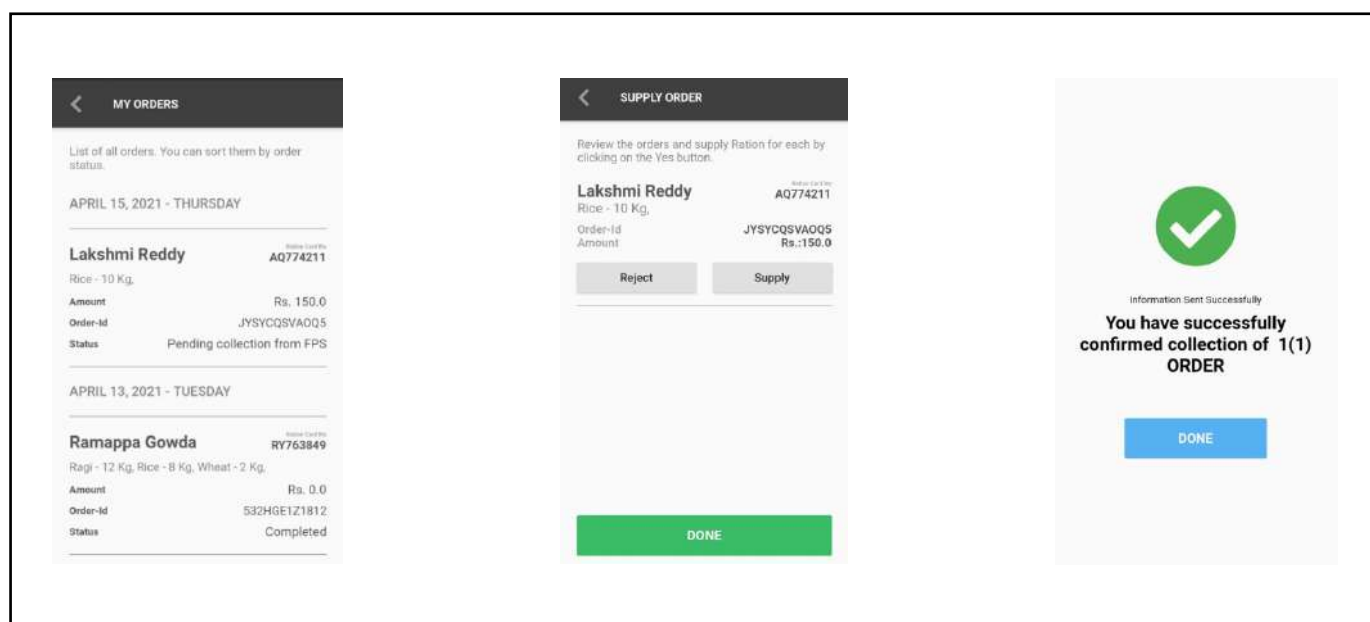
SKIP AND FINISH

COLLECT & FINISH

These images are the screenshots from our pilot project showing how the beneficiary places orders for the FPS items from the retail shops. In the first step, the customer chooses the beneficiary details, then goes on to select the items. The third step shows the price where the customer confirms the order. The beneficiary chooses the retail shop from where he/she wishes to collect the ration. Once the order is

confirmed, a unique order ID is generated for the beneficiary.

Once the customer places the order for the items through the app, the retail shop gets notified about the order. If the items are available, he chooses the “Supply” option which automatically notifies the beneficiary. Once the beneficiary gets the notification, he/she can go and collect the order from the retail shop.





# Digitising India's Primary Health Centres



**S**ampoorna Swaraj Foundation is currently developing a secure, decentralised and integrated digital platform for health services management for the villages of India. The intention is to bring all stakeholders together, that is, the Primary Health Care Centres and the Gram Panchayats to facilitate data acquisition at the point of data origin, data modeling, and predictive analytics using AI-Data Science - to enable data-driven, evidence based, timely decision making. The current pandemic is an instance where technology can play a significant role in crisis management. The primary focus of premier health care services has always been urban-centered. SSF is working on developing a technology driven solution for the villages of India.

The infrastructure of the proposed solution by SSF has the following components:

- Training using Navigated Learning Technologies that shall provide all relevant rural stakeholders (ASHA Workers, ANMs, PHC Staff, Medical Officers, and Rural Citizens) in the rural primary healthcare value-

chain, with requisite knowledge and skills to Test, Trace, and Treat as their roles demand for effective rural health management.

- An intuitive and easy Indian natural language based voice interface, integrated with secure block-chained rural health mobile/web workflows (and associated knowledge-bases required for the workflows) that are executed at the field and primary healthcare center levels - for effective medical response interventions, prevention, and care management of rural citizens.

- A Data Science and AI/ML based system, built on top of rich demographic, socio-economic-cultural, and epidemiological Data Lake, that will help stakeholders at all levels, to gain insight otherwise not feasible, and help in effective interventions for and effective containment of current epidemic such as COVID-19 and similar future situations.



The staff at the Primary Health Centre in Sugganahalli, Ramanagara District

# Over The Years

## Sampoorna Swaraj Foundation

# 2011

In 2011, Sampoorna Swaraj Foundation (SSF) had started working on developing the Sampoorna Panchayat software which would be a web portal to assist rural India in automating the workflow involved between the gram panchayats and the citizens.

---

# 2012

In March 2012, SSF submitted an application for Indo-US Sciences & Technology endowment grant with Gooru Foundation USA as the partner.

In April 2012, SSF received Sampoorna implementation review for 5 Gram Panchayats in Davanagere.

In August 2012, there is a finalized agreement with OrNext Software Technologies to develop Sampoorna Panchayat solution in OpenSource.

---

# 2013

Dr. Shankara Prasad, the Managing Director of SSF was recommended & invited to speak at the Panchayat Conference in New Delhi on April 23<sup>rd</sup>, 2013.

In June 2013, SSF submitted pre-application for the Bihar innovation award.

In August 2013, SSF entered IIMB Hackathon "24 hour public policy Hackathon" & won 2<sup>nd</sup> prize.

In November 2013, after SSF was shortlisted for the Bihar Innovation award, NASSCOM Foundation invited SSF to apply for the NASSCOM Social Innovation honors.





Ravi Nagaraja and Dr. Shankara Prasad representing Sampoorna Swaraj Foundation at the Bihar Innovation Forum in January 2014

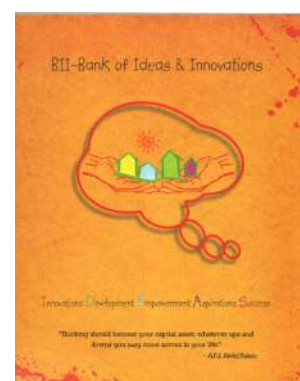
# 2014

In January 2014, SSF visited Gram Panchayats in Bihar & discussed implementation of Sampoorna technology with CEO of Bihar Rural Livelihood Mission.

In February 2014, SSF won the certificate of excellence from the Bihar innovation forum in ICT domain.



In August 2014, Ministry of Rural Development (MoRD) recognised that the Sampoorna panchayat workflow automation solution is an innovative idea and they suggested that this solution should go through green channel of MoRD so that all states in India should be able to implement the solution without going through procurement bureaucracy.



<https://mail.google.com/mail/u/0/?ui=2&ik=3030c95338&ui=en&as=masscomf%20journal&as=en&true&newch=new&ui=14a75cde80563103&siml=14a75c>

28

# 2015

In March 2015, Dr. Shankara Prasad from SSF travelled to Afghanistan for the India-Afghanistan Innovation Fair when he was requested to be the leader of the Indian delegation which consisted of 12 innovators from India.



Dr. Shankara Prasad speaking at the inaugural of the India-Afghanistan Innovation Partnership Fair in February 2015

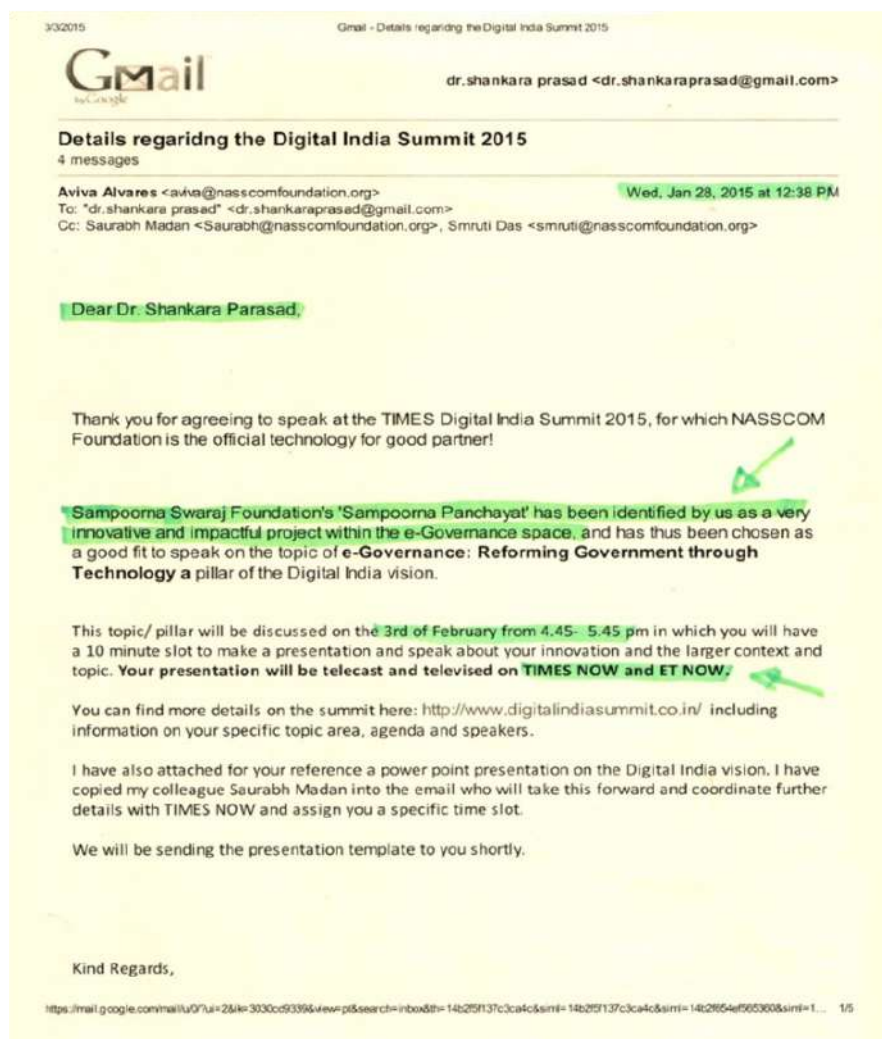


Dr. Shankara Prasad with the Afghan Translator at the Sampoorna Citizen Service Centre.





The panellists including chairman of Microsoft India, managing director Ernst & Young, vice-president of Accenture, director general of NEGP & I.T. minister of Estonia, along with Dr. Shankara Prasad on Times Now.





In October 2015, Udaya Vani, kannada newspaper, published a 4-page article about Sampoorana panchayat online panchayat system. This was publicised in a big way across Karnataka & more than 100 Gram Panchayat members and citizens approached, and enquired how they can implement this type of transparent panchayat system in their village.

2016

In January 2016, SSF got an invitation to speak at NASSCOM foundation, CSR leadership conference, at Park Plaza hotel on 2<sup>nd</sup> Feb.

In October 2016, Dr. Shankara Prasad from SSF was invited along with 20 Indians involved in public service & performed world governance expedition for 14 days & interacted with more than 25 different government organisations in USA. Some of the interactions are: meeting Supreme Court Justice, attending session at Boston City Hall, discussions with Harvard Kennedy School of Govt, JPAL, CNN headquarters, etc



# 2017

In June 2017, SSF submitted a solution for good proposal on the invitation of NASSCOM foundation. Vodafone shortlisted SSF proposal for development of a mobile app for Gram Panchayat workflow automation.

In July 2017, UP State Rural Livelihood Mission, Salman Haider, contacted SSF for implementation of Sampurna solution. This was based on the Bihar Innovation award.

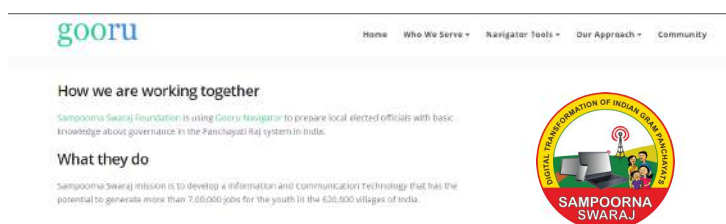
In August 2017, Vision India Foundation contacted SSF & is interested in implementing panchayat portal in 10 Gram Panchayats in Gujarat.

# 2018

In June 2018, SSF was invited to make a presentation at the National Conference of Rural Development which was held at KSRDPRU in Gadag. SSF made a presentation on use of blockchain technology & liquid democracy for bringing accountability & transparency in Gram Panchayat.

In September 2018, Action for India selected SSF as 1 of the top 100 social entrepreneurs.

In November 2018, SSF initiated a new technology for Gram Panchayat elected representatives' training using Navigated Learning Technology developed by Gooru Foundation, USA.





# 2019

In April 2019, SSF was invited to present a paper at the National Law Conference. Dr. Shankara Prasad presented a paper titled "***Navigated Learning Technology for Transformative Constitutionalism.***"

In September 2019, Dr. Shankara Prasad from SSF was invited as a panelist & presenter at the Social Innovation Summit organised by Centre for Social Impact & Philanthropy, New Delhi. Ravi Kunigal & Dr. Shankara Prasad attends the summit, and made a presentation on the impact of NLT & workflow automation on capacity building of Gram Panchayats.

In October 2019, AFI India 2019 officially recognised SSF as a finalist for the AFI award. SSF was represented by Keshava Prasad at the awards ceremony in Hyderabad. This recognition was for developing NLT technology for training Gram Panchayat elected representatives.

In November 2019, SSF submits a detailed application to USA-India Science & Technology endowment fund in collaboration with Gooru Foundation USA, requesting a total fund of Rs.1.9 crores (approximately \$200,000 USD). The application was shortlisted for final evaluation.



Dr. Shankara Prasad as a panellist and presenter at the Social Innovation Summit in New Delhi.

# 2020

In November 2020 AesterQuanta along with Sampoorana Swaraj Foundation was shortlisted for a pilot program of Public Distribution System by the UK government for the Frontier Technologies Livestreaming Program.



Prestige Takt,  
23, Kasturba Road Cross,  
Bengaluru- 660 001  
Tel: 91 80 22633300  
www.gov.uk  
bdhc.bangalore@fdo.gov.uk

Date: 19 Nov 2020

To,  
The Additional Chief Secretary to the Government of Karnataka  
Room No. 19 & 20,  
Vikasa Soudha,  
Bangalore – 560001

Dear Sir,

**Sub: Conducting Proof of Concept of the Technology/Solution for Department of Food and Civil Supplies, in Karnataka State.**

**Greetings from High Commission of UK Government, India.**

In 2018, the British and India Prime Ministers declared a strategic UK-India Tech Partnership. Their vision was to 'bring the best mind in tech together' to tackle global challenges, create high value jobs, and grow our economies. Since then a wealth of programmes and initiatives have been launched under the auspices of the British High Commission and NITI Aayog. The most recent examples include, the UK becoming the main country sponsor to TechSparks in November 2020, and to the TIE Global Event in Hyderabad in December, and the launch of a foundational AI skills course for 80 students in Karnataka. Our tech trade continue to go from strength to strength in both directions.

I am writing to invite your assistance with one particularly new initiative.

Kindly find below details of the consortium:

Organization	Contact Person	Email ID	Phone Number
FCDO, British High Commission New Delhi	Mamta Kohli	m-kohli@dfid.gov.uk	Senior Social Development Adviser
FCDO, British High Commission Bangalore	Ankita Puri	Ankita.Puri@fco.gov.uk	Head of Artificial Intelligence and Data Science at UK-India Tech Partnership
AsterQuanta Neurosystems Pvt. Ltd.	Pradeep VSR Pydah	Pradeep.v.pydah@asterquanta.com	CEO, AsterQuanta Systems with Specialization in Retail Data & AI Systems
Sampoorana Swaraj Foundation [SSF]	Dr. Shankara K. Prasad	Dr.shankaraprasad@gmail.com	Managing Trustee, Sampoorana Swaraj Foundation, focused on bringing ICT in Gram Panchayats

The UK Government would appreciate and be grateful to you in helping realise the vision of our Prime Ministers for the UK India Tech Partnership by supporting this innovative initiative that features extraordinary India talent.

Looking forward to your kind confirmation in return communication over an e-mail.

Yours Sincerely

Jeremy Pilmore-Bedford  
Mr Jeremy Pilmore-Bedford  
Deputy High Commissioner  
British Deputy High Commission Karnataka & Kerala

# 2021

In March 2021, SSF was selected for a 3 month pre-incubation program by NSRCEL Health Incubation Program. The launchpad consists of online sessions, one on one session, networking and reviews that can help take startups to the next level by building more clarity and being customer-focused.

In May 2021, Sampoorna Swaraj Foundation won the UK Innovation Challenge Fund. Ours proposal was among the seven selected from more than 600 applications around the world.



British High Commission New Delhi

**From:** Ritu Chhabra

**Sent:** 07 May 2021 15:26

**To:** 'Dr.shankaprasad@gmail.com' <Dr.shankaprasad@gmail.com>;  
'karunatrustblr@gmail.com' <karunatrustblr@gmail.com>

**Cc:** Karen McLuskie \* (Sensitive) <[Karen.McLuskie@fco.gov.uk](mailto:Karen.McLuskie@fco.gov.uk)>

**Subject:** Innovation Challenge Fund

Dear Dr Prasad

I would like to put on record that your project proposal – “***Digital platform to support frontline workers and patients to gather data and then use AI to enable data-driven decision making***” was selected for funding (260000 UK Pounds) under the Innovation Challenge Fund, an initiative funded by the British Government. We received approximately 600 proposals, and your project was one of seven selected for funding and was subject to several rounds of scrutiny, including by independent technical experts; this goes some way to demonstrating how fierce the competition was and the strength of your proposal.

The UK announced last year that it would reduce its aid budget to 0.5% of GNI, instead of its usual 0.7% of GNI given the impact of global pandemic on the British economy. We regret very much to inform you and other bidders that we will no longer be awarding any grants under the Innovation Challenge Fund.

We do, however, hope that this letter will be useful for you to demonstrate to other potential funders the strength of your proposal; but for the reduction in aid budget, we would have funded this excellent proposal.

Best Regards  
Ritu

**Ritu Chhabra | Senior Programme Manager, UK-India Tech Partnership |**  
**Room: SF16**  
 UK Trade, Economics and Prosperity

British High Commission | Shantipath | Chanakyapuri | New Delhi | 110021  
FTN: 8414-2148 | Tel: +91 11 3314 2148 | [ritu.chhabra@fco.gov.uk](mailto:ritu.chhabra@fco.gov.uk)  
UK in India: [GOV.UK](http://GOV.UK) | [Facebook](#) | [Twitter](#) | [Instagram](#) | [Flickr](#) | [YouTube](#)

# Reflection: 2020-2021



Meeting the villagers and Elected Representatives at Ragihalli Gram Panchayat on 15<sup>th</sup> August, 2020



The SSF Team interacting with people from Foundation for Ecological Security (FES) at Kolar on 29<sup>th</sup> February, 2021



SA Partha presenting in a meeting at Mysore in 20<sup>th</sup> March, 2021





Ram Krishna Gowda addressing the Subject Matter Experts (SME) from different Gram Panchayats across Kolar district on 28<sup>th</sup> March, 2021



Meeting held at Sampoorana Swaraj Foundation on 27<sup>th</sup> March, 2021 with NGOs from all across Karnataka.  
 Front (L-R): Shashiraj, Shailaja, K Gayathri, BK Thippeswamy, VN Murthy, Tribhuvaneshwari, LV Srinivasa.  
 Middle (L-R): Mahesh Chandra Guru, Rama Krishna Gowda, Nayaz Khan, Nethrakere Udaya Shankara, D Devraj Goppa, Keshava Prasad.  
 Back (L-R): Partha S, Dr. Shankara K Prasad, Lokesh KC, Narasimha Reddy.





Launching of NLT Course on Gram Panchayat at Dhamma in Chitradurga on 24<sup>th</sup> March, 2021



Keshava Prasad Training the Trainers at Chintamani on 18<sup>th</sup> April, 2021



Understanding the business process for Digitisation of processes at a Primary Health Center in Suganahalli on 23<sup>rd</sup> April, 2021



Interacting with ASHA workers to understand the business process of COVID-19 in Shivanahalli on 19<sup>th</sup> August 2020

## Our Response To The Pandemic

Sampoorna Swaraj Foundation visited Shivanahalli on 19<sup>th</sup> August, 2020 where the team interacted with the ASHA workers who were on duty. ASHA stands for Accredited Social Health Activist. We have read about many frontline workers who have worked relentlessly for the country during this difficult time. ASHA workers are frontline workers who look after the health of our citizens in rural India. This means ASHA workers are responsible for the life of more than 800 million people.

Primary Health Centers are the closest centres for our village citizens. This is where all the health services are provided for the villagers. PHCs are also the most inclusive, equitable, cost-effective, and efficient approach to enhance people's health. The evidence of impact of PHCs continues to grow, particularly in times of crisis like the COVID-19 pandemic.

The Organisation studied the importance and the role of our ASHA workers, especially during the pandemic and have come up with a digital process which will be powered by a series of integrated technologies to aid in this mission. ASHA workers are responsible for carrying out tests, taking care of the infected, making sure the patients recover, and constantly checking on the progress of the patients. ASHA workers have surely put in so much effort in keeping the villages of India safe.

Sampoorna Swaraj foundation is working in collaboration with Karuna Trust to provide a complete digital platform to manage the workflow of Primary Health Centres in Rural Karnataka. The Organisation has also collaborated with Dhee Yantra and Gooru to create platforms to educate the citizens on Covid-19 using Natural Language Processing and Navigated Learning Technology.



# The Team



## Vanishree Prasad

Vanishree has decades of experience working with a number of NGOs across India. Her passion and dedication to work for social causes are reflected in the results she achieves through her work. Vanishree is the lady behind the successful project implementations.



## S.A. Partha

SA Partha has more than 45 years of experience in Rural Development, working with communities from grassroot to International level agencies. He has worked as a resource person for GPDP, developing materials, strategising and in Human Resource Development. He comes in as an excellent advisor, and a network guru who helps the Organization reach out to all the right crowds.



## Krishna Prasad

Krishna Prasad comes from the management field with experience in Marketing and Office Management for nearly 6 years. At SSF, he brings his expertise in Media Production, Process Planning and Management.



## Shailaja Shankaranarayana

Shailaja served as the Vice President of Doddurukarapanahally Gram Panchayat before joining the team. She brings a dynamic and boundless energy to the Organisation with more than 30 years of experience in an array of fields. She is our Gram Panchayat expert who develops NLT courses to educate our citizens.



## Nethrakere Udaya Shankara

Mr. Nethrakere previously worked as a Senior Journalist in the journalism field for more than 35 years starting from Hindustan Samachar. He also served in Prajavani in various capacities from Reporter to Deputy News Editor. Mr. Nethrakere is currently a subject matter expert and a content guru for Gram Panchayat education at SSF.



## Vani R Gowda

Vani is our software developer who is working on Natural Language Processing Technology. Her enthusiasm and the zeal to uplift rural citizens makes her a perfect fit for the Organization.



## Lanusunep Pongen

Lanusunep graduated in forestry and environmental sciences. He has a knack for writing and editing content. He aspires to be an educator on Sustainable Development.



## Harshita Harish

Harshita is a mathematician who has effortlessly emerged as the Excel Queen in the Organization. She strongly believes in the power of education. She aspires to be an IAS officer someday.



# Collaborators



Gooru,  
California, USA



Karuna Trust,  
Bengaluru, Karnataka



Asterquanta,  
Bengaluru, Karnataka



International Institute of  
Information Technology,  
Bangalore, Karnataka



Dhee Yantra,  
Bengaluru, Karnataka



Kuvempu University,  
Shimoga, Karnataka



Jyothy Institute of Technology,  
Bengaluru, Karnataka



Fire Spike Technologies,  
Bengaluru, Karnataka



Rotary Club,  
Shivamogga, Karnataka



Rotary Club,  
Bengaluru, Karnataka

# Partner NGOs

Parisara Adhyayana Kendra, Shivamogga

Vikasana Institute of Rural Development

Janajagruthi Abbivruddhi Samsthe

Mother Theresa Vidya Samsthe

Vimukthi Vidya Samsthe

SHAHI Urban and Rural Development Trust

Foundation for Ecological Security

Sadhana

Janapara

Praja Shakthi Trust

Gagana

Priyadharshini

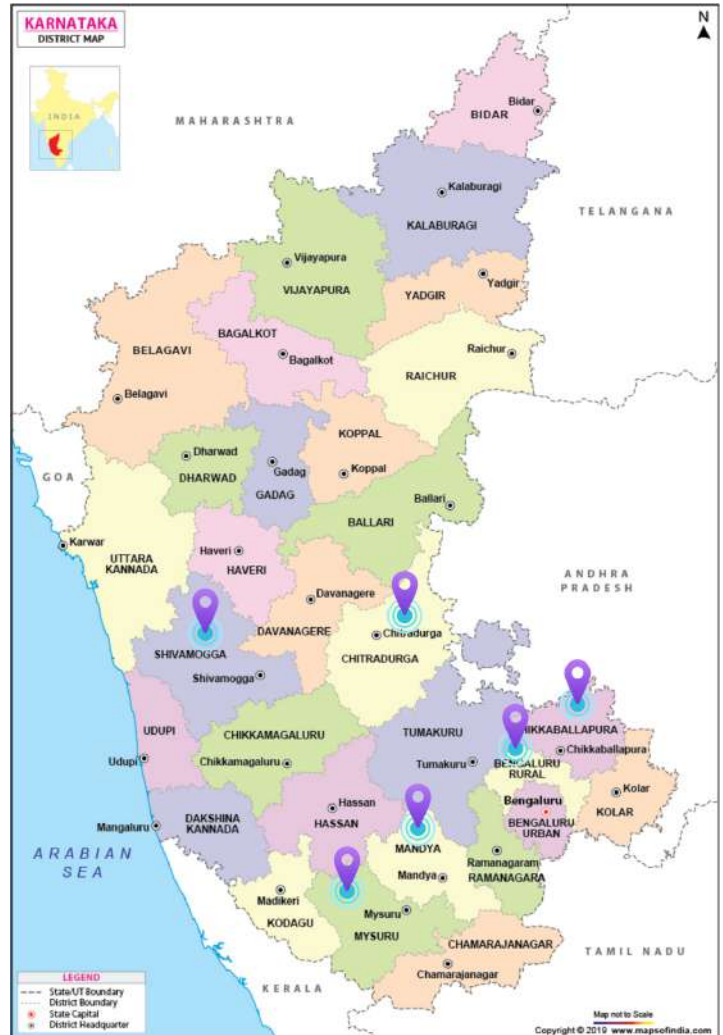
Arali Trust

Ashraya Trust

Spardha Samsthe

WEDS Organisation

Dharsharn Trust



## Contact Us



SAMPOORNA SWARAJ  
FOUNDATION



156, 8th main,  
Sachidanadanagara Layout,  
Rajarajeswarinagara,  
Bengaluru- 560 098



9845049970



[contact@sampoornaswaraj.org](mailto:contact@sampoornaswaraj.org)