



THE SECOND NATIONAL

# Social Innovation

17 NOVEMBER, 2014

SEMINAR



PUNE INTERNATIONAL CENTRE



Honey Bee Network



National Innovation Foundation - India



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International Longevity Centre-India



Honey Bee Network



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# **Index**

1. Introduction to Seminar 2014
2. Schedule of Seminar, 2014
3. Report – Social Innovation Seminar 2013
4. Combined Compendium of Participants Profile (2013-2014)



## **Second National Seminar on Social Innovation: Bridging the missing links for inclusive development**

With the rise in social aspirations, and increasing heterogeneity in social exchange relations, it is inevitable that some social needs remain unmet. Neither state nor markets are able to meet them adequately or pervasively. In such cases, social innovators and entrepreneurs often emerge to fill the gap. Why will a normal program for blind for instance try to develop photography skill for the blind? Why would state set up an academy for physically challenged person to climb mountain peaks, even Everest? How will new kind of institutional arrangements emerge to meet the need for sanitary napkins when hardly five percent rural women use them? How should they be disposed off safely? Should decentralized production and disposal be part of personal and social hygiene philosophy?

How do we fund social innovations? How do we leverage the policy implications of various innovations at regional, national and global level? Micro-finance began as a social experiment by Ela Ben and Mohd Yunus. It became a social movement. Some day micro-venture innovation finance begun by Honey Bee Network in 1997 and later institutionalized with the help of Gujarat Government through GIAN and SIDBI will also become a global movement one day. The social innovation ecosystem is still very nebulous in public policy and formal institutional outreach. When a start-up in Pune uses poor quality plastic waste collected through rag pickers and does a pilot to make 3-d printers out of it, he creates a new horizon in social entrepreneurial space. When these 3-D printers are used to make components of various industrial products, new dimension of inclusive profitable, and socially distributed value chain emerges. The Second Social innovation Seminar is a modest attempt to fill this gap in the national polity.

It is hoped that lateral learning among social innovators will be one of the most important pay off of the Seminar. Emergence of a knowledge and action network, which may be hosted by PIC, Pune as a policy and institutional incubator in due course, may be another major pay off. These are ideas, which have to be concretized through collaborative action. All stakeholders who feel convinced about the need of such a Platform should get back and take these ideas forward together.

In the current "Decade of Innovation", there is a widespread social expectation that many gaps in the developmental chain are likely to be bridged through technological, institutional, cultural, educational and social innovations. However, there is no specific platform which not only identifies but also facilitates bridging of these gaps.

The gaps in the developmental chain emerge because many of the *ex-ante* and *ex-post* transaction costs are not specified and met properly. Both state and market fail to identify those needs which people have but often do not articulate. In an articulation response model [Gupta, 1992], it was argued that the failure can take place at several stages: [a] conversion of unfelt need into felt need, [b] articulation of some of the felt needs, [c] aggregation of the felt needs, [d] registration by the supply system, [e] response and satisfactory or unsatisfactory experience of the communities with the response. Every time an unfelt, unarticulated, disaggregated need gets felt, articulated and aggregated and registered, the possibility of a positive response emerges. There are several other ways in which the exclusion of various community needs at spatial, sectoral, seasonal and social level can be understood.

The first national Seminar was organised to understand the innovative ways in which public systems, private organisations, civil society groups and individuals have tried to innovate to make society more inclusive and in some cases, more collaborative too. It was decided to organize such a conference every year at Pune on November 17. The conference has attracted some of the most eminent social innovators of the country who agreed that a platform like this was long overdue to be able to articulate the policy, institutional, technological and educational issues.

Organisation of the Seminar:

The second Seminar is being organised by CMA, IIMA in close collaboration with Pune International Centre [PIC], National Innovation Foundation, International Longevity Centre, Pune, SRISTI and other

institutions of Honey Bee Network. Dr.V.L.Kelkar had actually spawned the idea and gave the opening address. Dr.R.A.Mashelkar set the stage last year for the dialogue among various social innovators and other stakeholders. This year we have Dr R A Mashelkar and Dr. D R Mehta as co-chairs leading the dialogue on closing the gap. The conference has been divided in five modules a] saralta [simplifying a complex solution], [b] sahajata [spontaneity as a response to bureaucratic delivery systems], [c] sampreshan [a dialogue or communication about successful solutions], [d] samvedana [empathetic assimilation of the problem for generating flexible solutions], E) *Swachhata-personal and social hygiene, health and well being*; has been added as a new track so that sanitation drive triggered by The PM's call from Red Fort is taken to every nook and corner of India. Social innovations invariably involve all the five values. The relative emphasis may be different in each case.

It is a major national initiative by CMA, IIMA and we hope that with the support of NIF and other institutions, this platform will become an annual occasion for taking stock of the state of art in the field of inclusive social innovation. We hope that more partners, volunteers and supporters will join this effort so that leading social innovators feel that they are not alone any more. The reason for NIF to join this effort is to enrich social innovation eco-system for grassroots innovators. We hope that many grassroots innovators will get support in diffusion and incubation from social innovators and entrepreneurs. Many of the grassroots innovators may lack the ability to articulate their vision and agenda at various institutional fora. We hope that social innovators will lend their social and institutional capital and voice to empower the creative and innovative voices at grassroots.

**Second National Social Innovation Seminar**  
**17<sup>th</sup> November, 2014 – Pune**

08:00 am – 09:00 am	Registration	
09:00 am–09:15 am	<i>Tea/coffee and informal interactions</i>	
09:15 am – 09:45 am	<p><b>Opening Remarks:</b>  Introduction to Second National Social Innovation Seminar – 2014</p> <p>Chair : <b>Dr. R. A. Mashelkar</b>  Chairperson- National Innovation Foundation (NIF), President - International Longevity Centre, India, President-Pune International Centre, National Research Professor, CSIR-NCL, Pune</p> <p>Co-Chair: <b>Dr. D. R. Mehta</b>  Founder and Chief Patron, Bhagwan Mahaveer Viklang Sahayata Samiti and Former Chairman of Securities Exchange Board of India</p>	
09:45 am to 10:00 am	<p><b>Social Innovation Seminar: Key Issues</b></p> <p><b>Prof. Anil K Gupta</b>  IIM-Ahmedabad, NIF, SRISTI &amp; Honey Bee Network</p>	
Session Plan	Panel Members	Discussants
<p><b>Session 1: संवेदना</b>  <b>Samvedna</b></p> <p><i>Empathetic Models of Social Innovation: Filling the gaps</i></p> <p><b>Chair:</b>  Dr. Ravindran D. Aravind,  Chairman, Aravind Eye Care System, Madurai</p> <p><b>Time:</b>  10:00 am - 11:00 am</p>	<p>Mr. Pradip Sarmah  Founder, Ricksaw Bank, Guwahati, Assam</p> <p>Mr. Eklavya Prasad  Managing Trustee, Megh Pyne Abhiyan, Bihar</p> <p>Dr. Ravindran D. Aravind  Chairman, Aravind Eye Care System, Madurai</p> <p><b>Brief Presentation</b>  Mr. Neil Patel  Founder, Awaaz De, Ahmedabad</p> <p>Mr. Partho Bhowmick  Founder, Beyond Sigh Foundation, Mumbai</p>	<p>Mr. Balaram Sahu  Collaborator, Honey Bee Network, Odisha</p> <p>Prof. B. K. Chakravarthy  Faculty, IDC, IIT Bombay</p>
Time: 11:00 am - 11:15 am	Tea/Coffee Break	

Session Plan	Panel Members	Discussants
<p><b>Session 2 : सहजता</b> <b>Sahajta</b></p> <p><i>Eco System for supporting Social Innovation in Governance and Social well- being</i></p> <p><b>Chair:</b> Prof. Madhav Dhananjaya Gadgil Agharkar Research Institute</p> <p>Time: 11:15 am – 12:15 pm</p>	<p>Dr. Rajendra Jagdale Director General &amp; CEO, Science &amp; Technology Park, University of Pune</p> <p>Mr. Pradeep Lokhande Founder, Rural Relation, Pune</p> <p>Dr. B G Mukhopadhyay Chief General Manager, Farm Sector Policy Department &amp; Farm Sector Development Department, NABARD</p>	<p>Prof. Ravi Poovaiah Professor, IDC, IIT Bombay</p> <p>Dr. R. R. Sonde Executive Vice President, Innovation &amp; Technology, Thermax-India, Pune</p>
<p><b>Session 3 : सरलता</b> <b>Saralta</b></p> <p><i>Understanding, Analyzing, Abstracting and Assimilating Social Innovation in Contemporary Pedagogies</i></p> <p><b>Chair:</b> Prof. P M Shingi Distinguished Professor, Foundation for Liberal and Management Education, (FLAME) Pune</p> <p><b>Co-Chair:</b> Dr. Vijay Bhatkar Scientist, Architect of PARAM series of Supercomputers</p> <p>Time: 12:15 pm – 01:15 pm</p>	<p>Mr. Sabarinath C Nair Founder &amp; CEO, Skillveri Training Solution Pvt. Ltd., Chennai</p> <p>Mr. Ajith Basu Chief Program Executive, Agastya Foundation, Bangalore</p> <p>Mr. P. Vivekanandan Founder, SEVA, Madurai</p> <p>Mr. Deepak Shikarpur IT Evangelist, Pune</p>	<p>Dr. Hippu Salk Kristle Nathan Asst. Prof., National Institute of Advance Studies, Bangalore</p> <p>Mrs. Vidisha Kalra, IRS Jt. Director, Centre for Public Innovation, Hyderabad</p> <p>Dr. Vipin Kumar Director &amp; CIO, NIF</p>
<p>Time: 01:15 pm - 02:00 pm</p>	Lunch Break	



Session Plan	Panel Members	Discussants
<p><b>Session 4: सहयोग</b> <b>Sahyog</b></p> <p><i>Funding for social Innovations</i></p> <p><b>Chair:</b> Ms. Bhavna Doshi Chair, IMC Innovation Committee</p> <p><b>Co-chair:</b> Dr. B. G. Mukhopadhyay Chief General Manager, Farm Sector Policy Department &amp; Farm Sector Development Department, NABARD</p> <p>Time: 02:00 pm – 03:00 pm</p>	<p>Mr. Jaydeep Mandal Founder &amp; MD, Aakar Innovations pvt. Ltd.</p> <p>Dr. Yogesh Kulkarni Director, Vigyan Ashram, Pune</p> <p>Brig. P. Ganesham President, Palle Srujana and Collaborator, Honey Bee Network, Andhra Pradesh</p>	<p>Mr. Vaidyanathan Krishnamurthy Head, Innovation and Implementation, Samhita Social Ventures, Mumbai</p> <p>Mr. Makrand Phadke Vice President, Innovations at RIL, Pune</p> <p>Mr. Prashant Girbhane Director, Pune International Centre, Pune</p>
<p><b>Session 5: स्वच्छता</b> <b>Swachhata</b></p> <p><i>Health, Water, Sanitation &amp; Hygiene</i></p> <p><b>Chair:</b> Dr. Dileep Padgaonkar PIC, Pune</p> <p><b>Co-chair:</b> Mr. Hanmantrao Gaikwad Chairperson, Bharat Vikas Group, Pune</p> <p>Time: 03:00 pm – 04:00 pm</p>	<p>Dr. Devi Shetty Narayana Hrudalaya [Through VC]</p> <p>Mr. S. Damodaran Founder, Gramalaya, Tamil Nadu</p> <p>Mr. Swapnil Chaturvedi CEO, Samagra.co, Pune</p> <p>Mr. Rajesh Menon Sr. Marketing Manager, Eram Scientific Solutions, Thiruvananthapuram, Kerala</p> <p>Mr. Sidhant Pai,* CEO, Protoprint</p>	<p>Dr. K. Narayana Gowda Former Vice-Chancellor, University of Agriculture Science, Bengaluru</p> <p>Mr. Rajeev Kher CEO &amp; Founder, 3S and Sara Plast Pvt. Ltd., Pune</p> <p>Mrs. Snehalata Shrikhande President, Shelter Associates</p>
Time: 04:00 pm - 04:15 pm	Tea/Coffee Break	

## Session Plan

### Session 6: संप्रेशन *Sampreshan*

Time: 04:15 pm – 05:15 pm

*Discussion on Agenda Ahead: Towards National Initiatives*

#### Chair:

Prof. Anil K Gupta

IIM-Ahmedabad, NIF, SRISTI, Honey Bee Network

#### Honey Collectors:

Dr. Dhananjay Tiwary

Department of Biotechnology, Delhi

Mr. Vinay Dharmadhikari

Retd, Scientist 'G' & Senior Director of e-Governance group

Ms. Pallavi Gupta

MD, Fifthestate, Lucknow

Mr. Madhu Nair

Ensigns life science, Pune

Mr. Kiran Kulkarni

Director, Janwani, Pune

Mr. Gautam Gauri

Co-ordinator, Diksha Foundation

Ms. Soniya Suryavanshi

Honey Bee Network, Uttarakhand

Mr. Sandesh Ramu

Faculty, IDC, IIT Bombay

Ms. Neha Gandhi

Matsya arts and crafts, Mumbai

Mr. Veerender Kumar

Arnium (IIT Kanpur Alumini), Kanpur

Mr. Ganesh Ramakrishnan

Deptt. Of Computer Engg, IIT-Bombay

Dr. Gopal Kundu

National Centre for Cell Science, Pune

Mr. Ashok Saraf

Trustee, Scienc and Technology Park, University of Pune

Dr. Masood Parveez

Senior Regional Director, IGNOU Regional Centre, Pune

M. Santhanam

Program leader, Centre for facilitating philanthropy, Dhan Foundation, Karnataka

Dr. Madhav Deo

Vice President & Secretary, Moving Academy of Medicine and Biomedicine

Mr. Ashwani Agarwal

Founder, Basicshit.org, Delhi

Prof. Venkatesh Rajamanickam

Faculty, IDC, IIT-Bombay

Kumaresan P.

Faculty, IDC, IIT-Bombay

Mr. Samindranath Mukherjee

Advisor (Research), Ajeet Seeds Ltd.

Mr. Nitin Agrawal

Director, Asia Technology Innovation Centre, Jhon Deere India Pvt Ltd

Lt. Sanjiv Kaura

CEO-CSR, The Times Group, Delhi

Ms. Sheetal Vaidya

Representative, Environmental Sanitation Institute, Gandhinagar

Mr. Rakesh Warriar

BAIF Development Research Foundation, Pune

Mr. Prayash Giria

Project co-ordinator, Narotam Sekhsaria Foundation

05:15 pm – 05:30 pm

*The Way Forward: Agenda for Action: Dr. R. A. Mashelkar*

05:30 pm - 06:30 pm

**Function for ILC-I Anjani Mashelkar Inclusive Innovation Award, Pune**

06:30 pm - 07:00 pm

High Tea

# Report



**Indian Institute of Management, Vastrapur, Ahmedabad**

## INDEX

### Session: 01 - Sahajta

Dr Vijay Kelkar .....	3
Dr R A Mashelkar .....	3
Prof Anil K Gupta .....	4
Dr Anil Joshi .....	5
Dr Kamal Taori .....	5
Dr. Abhay Bang .....	6
Dr. Arun Nigavekar .....	6
Dr. Devendra Raj Mehta .....	6
Mr. Anshu Gupta .....	7
Mr. Girish G. Sohani .....	8
Dr. Shalini Rajneesh. ....	9
Dr. L. H. Manjunath.....	9
Dr. Balaram Sahoo .....	10
Mr. M. P. Vasimalai . ....	10
Dr. Vinay Dharmadhikari .....	10
Mr. Naveen Jha . ....	10
Mr. Siddharth Chaturvedi .....	10
Dr. Kumary Iyer.....	10
Dr. Vipin Kumar .....	11
Dr. Narendra Jadhav .....	11

### Session: 2- Samvedna

Mr. Ramji Raghavan . ....	12
Mr. Ravi Gulati . ....	12
Mr. Khushroo Poacha . ....	12
Ms. Indu Capoor. ....	13
Mr. Rajendra Singh . ....	13
Dr. Anil Prakash Joshi .....	13
Dr. Madhav Gajanand Deo .....	13

Dr. Kiran Kulkarni .....	14
Mr. Harish Hande . .....	14
Ms. Rizio Yohannan Raj . .....	15
Dr. Kumar Iyer .....	15
Mr. Kamal Taori .....	15
Mr. Sanjeev Kaura .....	15
Mr. P. Vivekakanandan .. ..	16
Mr. Gurudutt Shenoy .....	16

### **Session: 03 Saralatha**

Dr. K. Narayana Gowda .....	16
Prof Ravi Poovaiah .....	16
Mrs. Alpana Viajaykumar, .....	17
Brig P Ganesham .....	17
Mr. Hanumanth Rao Gaekwad .....	17
Dr. Gowda .....	17
Prof Pinakeswar Mahanta .....	17
Dr Anil D Sahastrabudhe .....	17
Dr R. R. Shonde .....	17
Ms. Saumya Joshi .....	18
Ms. Gautam Gauri .....	18
Ms. Rita Soni .....	18
Dr Jyoti Chandiramani .....	18
Prof Satish Deodhar .....	18

### **Session: 04 Sampreshan**

Dr Jadhav .....	19
Prof Anil K Gupta .....	20

### **Annexure-1 List of participants**

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## National Seminar on Social Innovation: Bridging the missing links for inclusive development

### Introduction:

In the current "Decade of Innovation", there is a widespread social expectation that many gaps in the developmental chain are likely to be bridged through technological, institutional, cultural, educational and social innovations. However, there is no specific platform which not only identifies but also facilitates bridging of these gaps.

The gaps in the developmental chain emerge because many of the ex-ante and ex-post transaction costs are not specified and met properly. Both state and market fail to identify those needs which people have but often do not articulate. In an articulation response model [Gupta, 1992], it was argued that the failure can take place at several stages: [a] conversion of unfelt need into felt need, [b] articulation of some of the felt needs, [c] aggregation of the felt needs, [d] registration by the supply system, [e] response and satisfactory or unsatisfactory experience of the communities with the response. Every time an unfelt, unarticulated, disaggregated need gets felt, articulated and aggregated and registered, the possibility of a positive response emerges. There are several other ways in which the exclusion of various community needs at spatial, sectoral, seasonal and social level can be understood.

The first national conference was organised to understand the innovative ways in which public systems, private organisations, civil society groups and individuals have tried to innovate to

make society more inclusive and in some cases, more collaborative too. It was decided to organize such a conference every year at Pune on November 17. The conference has attracted some of the most eminent social innovators of the country who agreed that a platform like this was long overdue to be able to articulate the policy, institutional, technological and educational issues.

Organisation of the conference:

The conference was organised in collaboration with Pune International Centre [PIC], National Innovation Foundation, International Longevity Centre, Pune, SRISTI and other institutions of Honey Bee Network. Dr.V.L.Kelkar had actually spawned the idea and gave the opening address. Dr.R.A.Mashelkar set the stage for the dialogue among various social innovators and other stakeholders. Prof. Gupta explained the logic of dividing the conference in four modules: sahaajta [spontaneity], samvedana [empathy], saralta [simplicity], and sampreshan [dialogue or communication]. Social innovations invariably involve all the four values. The relative emphasis may be different in each case.

It is a major national initiative by CMA, IIMA and we hope that with the support of NIF and other institutions, this platform will become an annual or biennial occasion for taking stock of the state of art in the field of inclusive social innovation. We hope that more partners, volunteers and supporters will join this effort so that leading social innovators feel that they are not alone any more.

## Proceedings:

The First National Social Innovation Seminar provided a national level platform for social innovators, change agents and entrepreneurs across the country to share their insights related to the role of civil society, science and technological institutions and academia in achieving an inclusive development process.

Dr. Vijay Kelkar, eminent economist, and the Chairman of Janvani, welcomed all the participants and introduced the event, organised by Centre for Management in Agriculture, Indian Institute of Management,



Dr Vijay Kelkar

Ahmedabad (IIMA). The contribution of National Innovation Foundation – India (NIF), Pune International Centre (PIC), International Longevity Centre, India (ILC, India), Pune, SRISTI and the Honey Bee Network was critical for the success of the seminar. He fondly

Seminar focussed on four categories: *sahajata* (spontaneity), *samvedana* (empathy), *saralata* (simplicity) and *sampreshana* (effective communication)

referred to what he had learned from Dr. RA Mashelkar, Chairperson NIF and Prof. Anil K Gupta, Executive Vice Chairperson as two gurus who deepened his understanding of innovation system. While Dr Mashelkar highlighted the need for plugging the innovation deficit of the country, Prof Gupta explained that innovation was not a prerogative of only a few but anyone could be innovative.

Dr RA Mashelkar hoped that, such social innovation concepts would emerge as an outcome of the seminar that match India's needs of scale, speed and sustainability. He quoted Einstein, "We can't solve problems by using the same kind of thinking we used when we created them". He felt that sustainable social change would inevitably require innovation at different levels. He urged the participants to think big because of the multitudinous problems in the country.

Crediting Dr Vijay Kelkar for conceiving the idea of the seminar, Dr Mashelkar appreciated the presence of social innovation champions in the seminar. He remarked that Prof Gupta had done an innovation itself by creating the categories of *sahajata* (spontaneity), *samvedana* (empathy), *saralata* (simplicity) and *sampreshana* (effective communication) in the seminar schedule.

Such social innovation concepts would emerge as an outcome of the seminar that match India's needs of scale, speed and sustainability.

Dr Mashelkar mentioned that while innovations in various fields viz. technology, business model, organizational work etc., have been talked about, the role of social innovation has remained less recognized. It was not that social innovation had not been happening in India but it was perhaps for the



Dr Mashelkar

first time that an open debate was happening at this critical juncture.

Dr Mashelkar advised participants to consider various weaknesses in the eco-system for supporting social innovation initiatives so that various gaps can be plugged in due course. While India was going to be the second largest contributor to the global GDP soon whether or not the growth rate can be maintained needs to be seen. Similarly, India contributes 27 per cent of the world's college-educated work force, but the quality of education continues to be a cause of concern. He added that India was rapidly adopting technology. In 1999, there was an exchange of 35 million postal letters in the country, while in 2013 similar number of email messages were exchanged in the country in just one day! India, he mentioned, is therefore faced with three challenges – growth, inclusive growth and governance. He described the situation as volatile, uncertain, complex and ambiguous (VUCA) and this seminar thus assumes great importance. He looked forward to several game-changing ideas emerging through the discussions.

Prof. Anil Gupta urged the participants to start believing in miracles (social changes at surprising scale or with unexpected scope) and appealed them to help create a truly Indian model of social innovation. Innovative ideas, converging together, can change the national mood. He assured the participants that no good innovative idea would remain un-chased, un-nurtured and un-supported. He recalled the introduction of District Innovation Fund (DIF) as an example. The DIF was proposed by the 13th Finance Commission led by Dr Kelkar where an innovation fund of Rs. 1 crore was provided to each district of the country. Managed by the District Collectors, the fund allows investment in innovative ideas emerging from the district,

though the working procedures need a lot more flexibility.

An agile back-up support system is expected to be created because an experienced reality is always preferable to an imagined reality. He gave the example of techpedia.in which has registered 170,000 ideas, many very innovative, from 400,000 students of over 600 engineering institutions in the country. This platform is uncovering the hidden potential of the innovations by young tech students. knowledge and work. He hoped that distinguished social innovators would also be honoured as attempted by SRISTI through Gandhian Young Technological Innovation Awards [techpedia.in/award].

While the role of technological innovation is important, there is a considerable room for other innovators as well. He reiterated that technology is like word, institution is grammar and culture is like the thesaurus. A gestalt of all the three would make an eco-system richer. So there was scope for students of arts, commerce and economics also in the area of social innovation.

The relevance of social innovation was that at present the common people were treated as 'sink' for any programme administered from above. The idea of social innovation is not to treat people as sink but view them as the 'source' of ideas. Financially poor but knowledge-rich people are the hub of a knowledge-rich society. When Honey Bee Network was started 25 years ago, the question was to build upon the resource in which the people at the grassroots were rich and explore developmental options around them. The HBN has ever since been working for the cause of educational, technological, institutional and cultural innovators at the grassroots.

In the field of technological innovations, NIF has evolved from

Dr. Mashelkar described the situation as volatile, uncertain, complex and ambiguous (VUCA)

Technology is like word, institution is grammar and culture is like the thesaurus. A gestalt of all the three would make an eco-system richer.



the humble beginning in 2000 under the leadership of Dr. Mashelkar as the world's largest database of almost 200,000 ideas, innovations and traditional knowledge practices [not all unique]. Today, it is an institutional home at national level for technological innovations from the grassroots informal sector and school children.

Prof. Gupta emphasized that India is the only country where The President of the nation gives the highest priority to linking grassroots innovators with the higher educational institutions and other policy making platforms. Not only does he inaugurate the Innovation Exhibition annually at The President House, but also distributes awards to grassroots innovators once in two years. He inaugurates National Innovation Clubs and meets inspired teachers during his visits to Central Universities, NITs, IISERs, etc. The National Innovation Clubs are required to search, spread and celebrate innovations and sense the unmet social needs.

However, Prof. Gupta hoped that the conference organised by IIMA with the support of various stakeholders must become a national initiative, a national umbrella, a national sanctuary to incubate nascent social innovations and nurture the existing initiatives. He used the word

'sanctuary' because an incubator works well when both platform and domain of an idea are known. But, for many social innovation, the design of the platform and the specific domain are unknown. He suggested the sanctuary model, where there may be chaos inside but there is order outside. It was important to ensure that the proposed institutional structures for setting up sanctuaries of social innovation are not bound by too many administrative rules. Referring to an outstanding example from Uttarakhand, contribution of Dr. Anil Joshi, Founder and Chairman, Himalayan Environment Studies and Conservation Organisation [HESCO] was highlighted. Dr Joshi wanted each pilgrim

National Innovation Clubs are required to search, spread and celebrate innovations and sense the unmet social needs.

The idea of social innovation is not to treat people as sink but view them as the 'source' of ideas.



Dr Kamal Taori

who comes for Chardham yatra to opt for prasad made of millets grown in the region. This practice creates demand for millets and minor millets so that their production becomes sustainable in the hilly state. Further, millets were more nutritious than wheat and rice, and probably offer an answer to the problem of widespread infant malnutrition in the country. The second example was of Karnataka's SAKALA project, which caters to the need of 35 million people through 400 services, delivered in time. Under the system, progress of every single grievance can be tracked on line. The third example was on the payment



Dr Anil Joshi

Focus on four types of learning from innovations, Artefactual, metaphorical, heuristics and gestalt:

of road tax, which had to be deposited by vehicle owners standing in long queues annually twenty years ago.

. Dr. Kamal Taori, then serving as a Transport Commissioner saw the futility of all kinds of vehicle owners cluttering the queue when three-fourth of the revenue was paid by one-fourth of the tax payers. As a result of his efforts, we now pay a one-time lifetime road tax now.

‘What a great relief for 1.2 billion people!’ Another example was that of Anshu Gupta’s (Goonj) cloth-for-work programme under which one works for the common good and gets paid in clothes.

None of these social innovation models figure in any textbook for our students in the country. Prof. Gupta dubbed it ‘quarantining’ the minds of young people from the achievements of our own society! He requested the panelists to focus on four types of learning from innovations, Artefactual, metaphorical, heuristics and gestalt:

- Artefactual learning wherein the cross – domain and cross-scale application of an innovation is stressed.
- Metaphorical learning wherein the design of an innovative solution is based on cross domain analogues. Even mass customization can happen just as in olden days, medium wave [MW] transistor and black and white television were fabricated on the road side. To illustrate, emerging challenges, Prof. Gupta referred to the need of an elderly person who may want a cell phone with just say, three buttons for speaking to his three daughters. He does not need any other facility or feature in the phone. Using metaphors of call bell or other such devices, one can customise highly frugal solutions for specific under-served social segments.

- Heuristic: One may learn from the thumb rules/ principles underlying an innovation even if the innovation proper may or may not be relevant in a particular context.
- Gestalt level: configuration of various factors such as technological, institutional and cultural, which enrich the ecosystem may be learned from a specific innovation setting rather than just one or two features of the solution.

### ***Sahajata Session***

#### **Eco System for supporting Social Innovation in Governance and Social well-being**

Chair : Dr. Abhay Bang, Director, Society of Education, Action and Research in Community Health, Gadchiroli.

Co-Chair: Dr. Arun Nigvekar, Raja Ramanna Fellow, Senior Advisor and Trustee, Science and Technology Park.

Jaipur Foot

Dr. Devendra Raj Mehta, Founder and Chief patron, Bhagwan Mahaveer Vikalang Samiti, Jaipur discussed the various problems faced by social innovators. He said that the number of people with disabilities in the country

At the current rate of rehabilitation , it would require 100 years to rehabilitate all the distressed sections of the society.



*Dr Devendra Raj Mehta*

Dr. Mehta characterized social innovation as a blend of passion and sensitivity guided by the principle of (complete or partial) non-recovery of user charges.

had exceeded 25 million now. At the current rate of rehabilitation, it would require 100 years to rehabilitate all the distressed sections of the society. Displaying the two minute video for 'Below the knee amputees' fitted with Jaipur Foot, he said it was the most widely used aid in the world. He challenged whether any agency in the world is able to match the advantages provided for the amputees by the Jaipur Foot. The video film showed a fitted physically challenged youth, Danny, running, climbing a tree, and a man offering namaaz barefoot. He asserted while Jaipur foot is culturally sensitive because it does away with footwear, the western aids display no such sentiments.

In contrast, Jaipur foot costs \$50 while the western aids cost around \$10,000. That is why Jaipur foot is popular all over the world.

A big country like India needs innovations in all possible social sectors. Hospitals in Mumbai and New Delhi do not even fit 1000 artificial limbs a year. NGOs in the social sector are looked down upon and their work is made complicated with the need to submit 21 documents twice a year. There is always the threat looming over their head of 30% tax exemption benefit being scrapped, whereas in the rest of the world, similar institutions enjoy such benefits. Dr. Mehta characterized social innovation as a blend of passion and sensitivity guided by the principle of (complete or partial) non-recovery of user charges. As against this, schools coming up on free land allotments from government are profit-oriented and may not fulfil various social obligations. Dr. C.K. Prahlad, who made a study of the NGOs and agencies in the disability sector, had found that the administration costs of NGOs such as Bhagwan Mahaveer Vikalang Samiti was

hardly four per cent against the norm of 30% all over the world. Under the circumstances, service and sentiment were difficult propositions to practice.

The government needs to recognize social innovations by giving them 100 per cent tax exemption. . The goal of Corporate Social Responsibility must not degenerate into Corporate Responsibility for the Rich (CRR). Also, the government must promote research in the disability sector. He said the CSR potential was at least Rs 20000 cr in the country.

#### GOONJ

Stating that his organization deals with apparent non-issues, Anshu Gupta (Founder, Goonj, New Delhi), elaborated the importance of grave issues such as unhygienic rags used by women in place of sanitary pads. These issues are not openly discussed. While the three important things in life are listed as roti, kapda aur makaan (food, clothing and shelter), the society has forgotten to give necessary importance to clothing.

GOONJ's work is not cash-based but trash-based.

In chilly winter, clothing is a dire need. Winter does not kill, lack of clothing does. He mentioned that as a journalist 15-20 years ago, he used to go around Old Delhi looking for human interest stories. He recalled the case of a rickshaw driver viz., Habibbhai. The rickshaw bore the legend --



Anshu Gupta

Should social innovators make a long-term strategy? should agencies, facilitators act as collaborators because they mobilize funds?

Delhi police ka laawaris laash uthanevala (the man who carries unclaimed dead human bodies for Delhi police). In winters, Habibbhai's work went up because many migrants who came to Delhi in search of work would succumb to biting cold due to lack of warm clothing. He used to collect 10 to 12 bodies in the winters, and was paid Rs. 21 per body and two-metre cloth for the white shroud to cover it.

In the summer, the collection of dead bodies were four or five bodies. Habibbhai's daughter, Kaneezbanu, has another chilling tale to tell. Aged five at that time, she told that in the winters she used to hug the dead bodies brought home by her father and sleep, and 'the bodies never turned.'

These revelations had their echo (Goonj) in his mind to take up the work to ensure clothing for India's poor. He developed the concept cloth-for-work, much like the food-for-work programme of the government. Goonj today collects over 1000 tons of clothing for the purpose. The villagers may work on different projects such as laying a bamboo bridge, road repair, school repair and so on and collect clothes as payment. Gupta explains his NGO's work is not cash-based but trash-based. For India, old clothes based economy is neglected, a parallel economy. May be parallel currencies are required after all.

Women especially need cloth protection. Recalling the days of 2005, he said a Google search for sanitary pad would have revealed tampons and cups. But in the context of India, it had much more importance for women. In a house of say three women, they would share a single piece of cloth for the sanitary purpose. Such unhygienic situation led to women deaths due to tetanus and so on. On the other hand, every

development project tends to show women as beneficiaries. Safe motherhood and safe childhood are mere slogans, and women would search for a piece of cloth!

Goonj has demolished many of the catchwords, turning the meaning on their head. For instance, one does not donate cloth, one only discards cloth. Cold wave deaths are actually deaths due to lack of clothing in the severe winter, as mentioned earlier. Established issues are education, housing, health etc., and a mundane piece of cloth for women is a more weighty issue. What do 50% of poor people need in this country? Two square meals a day and two pairs of clothes!



Girish Sohani

BAIF [Bharatiya Agro Industrial Foundation]

Talking in context of the development sector, Girish Sohani (President and Managing Trustee, BAIF Research Centre, Pune) referred to three main innovations in the sector. Two of these have been adopted by his organization.. The first one, cattle development through breeding, has been made possible by adopting methods suitable for reaching remote villages.. The technological backup required for cattle breeding did not exist earlier in the country. In the west, four wheelers have been used for carrying cryogenic equipment. Minnesota Valley Corporation, which makes the cryogenic equipment, developed the method of carrying cryogenic equipment on a motorcycle. A special container to carry the sophisticated equipment was designed for India



and frozen semen is now being transported to 80,000 villages.

The second innovation, Vadi project, which is being implemented in tribal villages, takes into account their lifestyle and ethos such as livelihoods dependent upon trees, forests, and other local resources. The forest department does not encourage the planting of mango trees. But mango has economic importance for the tribal people. So, how to break the vertical barriers and still help the tribal people? This has been achieved with NABARD's support.

The third innovation deals with the Watershed Development Programme. The programme has started giving results with people's participation.



*Dr Shalini Rajneesh IAS*

The allocations are made to the community, which then decides the sub allocations to micro units. Thus the paradigm shift has taken place with the control coming to the people from official agencies. More innovations can evolve if bureaucratic interference is reduced and the community members are given the central role.

The upshot is reinventing, redefining and reorienting the same system.'

SAKALA

It's no more a question of 'What ails citizen's services in Karnataka? After all, it is what aids people's services in Karnataka.' The welcome innovative change has been brought about by e-governance and change in the attitude of the employees. Dr. Shalini Rajneesh, IAS,

Secretary to Government of Karnataka, Administrative Reforms, acknowledged the Chief Minister's programme to effect changes down the line and across the board. National Informatics Centre soon developed a portal; bottom-up planning was introduced and the support of the Indian Institute of Management Bangalore (IIMB) was taken as planner and evaluator. The people are convinced that redressing of their grievance is only a call away.



*Dr L.H. Manjunath*

The innovation has been employee-centred excellence. The IIM Bangalore, University of Chicago, Google and the Karnataka Ministry of Administrative Reforms are supervising the programme. The upshot is reinventing, redefining and reorienting the same system.'

Dharmasthala

Dr. L.H. Manjunath (Shrikrishetra Dharmasthala Rural Development Project, Dharmasthala) informed that his organization raises spiritual capital, financial capital and technological capital for the 2.5 lakh self-help groups and 16,000 federations under its wing. The organization uses the savings as a tool to borrow money and has been able to raise Rs. 3000 cr. from banks. The beneficiaries happily pay 18% interest! The money is spent to access efficient services, health insurance and so on. Cross-subsidization is done for welfare activities such as a de-addiction programme for some 15,000 hard-core addicts per year, education, infrastructure, clean drinking water etc. Under the project, one million Jeevan Madhur scheme policies of Life Insurance Corporation of India have been subscribed.



*Dr Balaram Sahoo*

## Discussions

Balaram Sahoo, Collaborator, Honey Bee Network, Odisha talked about the Pathe paathashalas, which are roadside schools run by Honey Bee Network for the benefit of farmers and farm labour in Odisha. They are taught methods to tackle farm diseases banking on the large number of control measures described in the Honey Bee Network database. These methods are shared with the people. .



*M.P. Vasimalai*

M.P. Vasimalai, Executive Director, Development of Humane Action Foundation, Madurai appreciated that Honey Bee Network had mobilised so many innovators under one umbrella.

He raised three questions. First, why should social innovators make a long-term strategy? Secondly, should agencies, facilitators act as collaborators because they mobilize funds? Since continuous evolution is happening, is it for the community to trigger the snowball effect?

Vinay Dharmadhikari, former Senior Director, e-governance group, Government of India, New Delhi mentioned that he was inspired by Prof Gupta's presentation, particularly about transforming people from being sink to becoming source of ideas. He suggested that instead of troubling institutions like Vikalang Samiti of Dr.

Mehta, NGOs should be roped in by the Planning commission and the government to bring about policy changes. In regard to Sohani's presentation, he said the district collectors, like IAS officer Asha Sharma of Madhya Pradesh, can concentrate on five or six schemes in which a district could make much impact. The rest of the 500 schemes under the Centre-state partnership could fall in line and have better impact.

Naveen Jha, CEO, Deshpande Foundation, Hubli, found the relevance of the context critical. He inquired how it would be possible to build up a common ecosystem for social innovation. Replying to



*Naveen Jha*

Mr. Jha's question about relevance and context, Dr. Kumar Iyer, Secretary, JSW Foundation, Mumbai agreed with Prof Gupta about the need for setting an open innovation platform.

Referring to Sohani's Foundation rushing to Minnesota Valley for cryogenic help, he said his company Jindal Steel Works had already made cryogenic devices and supplied them to various agencies, including the public sector Midhani. The case would have been different if the needs of BAIF were addressed locally. Mr. Sohani clarified that 40 years ago, they were dependent on solutions (cryogenic) from abroad, but now the BAIF is using Indian solutions.

Dream,  
Thought,  
action and  
memory have  
to be  
harnessed.

In a lighter vein, Siddharth Chaturvedi (National Rural Livelihood Mission, New Delhi) quipped how does one manage the ego system? Dr. Shalini informed that under the Sakala scheme, there was a 'time dependent hammer' at work that sends an automated message to HR to deduct fine from salary of an employee in case of delay related to delivery of public systems.

Social innovation should not be treated as an accident, but its systematic genesis should be studied.

In response to the query of Vipin Kumar, Director and Chief Innovation Officer, regarding Sakala scheme being limited to Karnataka only, Dr. Shalini clarified that schemes depend on appropriate legislations. Arun Nigvekar, remarked that India was a huge and complex country to implement such a scheme (Sakala). Dr. Narendra Jadhav

(Member, Planning Commission and National Advisory Council, New Delhi) remarked that it was important to understand how social innovations can be taken up and up scaled. Responding to Dr. Vinay Dharmadhikari's suggestion of including NGO representatives in policy making bodies, he pointed out that Dr. Mehta had played an active and important role in the formulation of the 12th Five-Year Plan on the disability sector.

Dr. Mehta dwelt upon the factors which made various experiments in the field of social innovation successful. The Bhagwan Mahavir Vikalang Samiti has 30 centres in India and 20 abroad. They are already sharing the technology and providing training to people at the centres. Some corporate bodies were keen on funding such activities, subject to policy constraints. Dr. Mehta sought an affordable, world class Health Care Model for the country. Their experience has attracted much attention and Harvard Business School and IIM Bangalore were developing a case study on it.

He pointed out even in America, 26% of the people had no access to health care. He suggested to Dr. Mashelkar and Prof. Gupta that they should form a small group to address issues of government, institutions, tax, sharing of information and so on.

#### Chair's remarks:

Based on his interactions with college and university students, Dr. Arun Nigavekar said apart



Dr Abhay Bang

from the existing basic needs, the other essential needs include health, communication, education, security, transportation, entertainment, environment and democracy.

His has team also researched upon the brilliant Indian students employed in American and Canadian companies. Most of them were working for software, communications companies and development of hardware. The young technocrats were doing valuable research bringing out IP protected products and processes commercialised by respective companies.

Dr. Abhay Bang mentioned that social innovation should not be treated as an accident, but its systematic genesis should be studied. Referring to Isaac Newton's discovery of gravity, he wondered whether it was just a special moment, or a combination of planetary forces that enabled it. He said it could have happened because of several factors such as social ecology and culture in which various solutions for different problems were found in the country. The exposure to the problems motivated a sensitive heart and creative mind to pursue the resolution of unsolved questions. Once the innovative imagination is ignited, it could turn into poetic imagination. There is a need for developing systems to scale up the innovations. He felt that that it is not very often that social

Once the innovative imagination is ignited, it could turn into poetic imagination.

innovators innovators present today share their ideas in a common platform. He hoped that more such innovators will come forward to share their work. There is a need to create an institution which nurtures social innovations. He recalled the example of the NGO Nirman, which exposes young, creative and fertile minds to the social reality and encourages them to come up with innovative solutions. He urged all institutions to come together and do experimentation on a large scale. Social institutions and NGOs in the field need to be persuaded to join a social movement for the purpose.

### ***Samvedana Session***

#### **Empathetic Models of Social Innovation: Filling the gaps**

Chair: Ramji Raghavan, Chairman, Agasthya Foundation, Bangalore

Co-Chair: Dr. Devendra Raj Mehta

Describing empathy as a big chasm, Ramji Raghavan called for empathetic models of social innovation to fill the gaps. Dr. Mehta reminded the audience that compassion in the Indian Constitution is a fundamental duty of a citizen. Article 51A is unique and it's time we convert the basic constitutional provision and bring it to reality through social innovation. From that angle, the idea of empathy is appropriate for discussion.

#### **Manzil**

Ravi Gulati, Co-Founder, Manzil Welfare Society, New Delhi, highlighted the work done by Manzil



Ravi Gulati

in education. He informed that Manzil seeks to bridge the gap in education from the point of view of parents on the one hand and the nation, on the other. The parents' approach is utilitarian wherein they want their children to become respectable citizens. Stating that there were overlaps between the utilitarian and classical approaches, he said education should not be considered as a money making exercise. The need is to meet both the expectations, i.e. to work together and make the society better. However, he highlighted discrepancies in the education system and the demands of the industry. He concluded that the final test of learning is life itself and not formal evaluation.

#### **Indianblooddonors**

Khushroo Poacha([www.indianblooddonors.com](http://www.indianblooddonors.com), Pune) has been connecting voluntary donors of blood with those who need it in real time such as terminal cancer patients free of cost, in the Indian sub-continent. With 150,000 registered voluntary donors, his organization had facilitated access to blood for about 55,000 patients in the last one year. In terms of revenue collection, he hopes to achieve a figure of Rs 2000 per annum from the existing Rs 15000 per month. He mentioned that what upsets him most is the overemphasis on 'scaling up' social innovators generally talk about. He cited a study by students of IIMA few years ago, who dismissed his model because it is based on no revenue model. He asserted that true social innovation does not require revenue scaling. He urged the audience to read the book 'The Red Market' by Scott Carney for understanding the problem. He also



Khushroo Poacha



mentioned that he considered Anshu Gupta and Ravi Gulati as his gurus in his social endeavor.

## Samta session

### Chetna

In seven minutes time, an avoidable death of a woman could have occurred somewhere in the country. Startling the audience with this remark, Mrs. Indu Kapoor (Chetna, Ahmedabad) questioned the prevalent gender bias. She wanted to know what is really meant by 'inclusive innovation' when women are not invited to many seminars like this (though this was an exception) and children are not heard. She made it clear that women's voices are still unheard. Since this part of the seminar comes under the theme of Samvedana, she said empathy should be the starting point in regard to women and children. She conceded women cannot afford to go out on a Sunday because they are 'working women'. Having run Chetna for the past 33 years, she has developed deep empathy for the cause of women and children.

If you want India to progress, you must listen to women, what they need, and what children need. One would be amazed by what women have to say about the food and health sectors. She gave the example of Vansda in Gujarat, where the school dropout rate was high. The dropouts told her that they had to trek 15-km to reach their school on the other side of the river. Asked for a solution, they wanted a bridge across the river. After the bridge was built by the panchayat, it became a 10-minute walk to the school, she added.

### Tarun Bharat Sangh

Stating that the themes of the seminar were mere ideals, Rajendra Singh (Head, Tarun Bharat Sangh, Jaipur) asserted that samata (equity) could not be achieved in this contractor-driven democracy. A true democracy will have to take into account local wisdom and try to live in harmony with nature. Bemoaning that all the rivers in the country have become drains, he noted with pride that the people of Rajasthan have with their efforts revived seven rivers. If one wants to fight global warming and greenhouse effect, one has to depend on local wisdom only.

### Himalayan Environmental Studies and Conservation Organization [HESCO]

Dr. Anil Prakash Joshi, HESCO Dehra Dun talked about urban-rural divide in the context of economic and ecological disparities. The recent Uttarakhand disaster was an example of it. While the economy is growing, the ecological resources were dwindling. The old village economy was a sustainable one, but is now dying. During his bicycle tour of the country, he observed that the village shops had on an average 78 per cent of the products in city.

### Moving Academy of Medicine and Biomedicine [MAMB]

Dr. Madhav Gajanan Deo (Vice-President, MAMB, Pune) said there was no dearth of creativity in village schools. He showed a graph highlighting that about two percent of any class, whether it is international public school or the village school had creative talent. His organization works on the premise that while physiological functions for all human beings are equal, how can there be inequities in

If sustainability is the criterion, he wondered why the street vendor is always in business and big business airlines go bust.

the psychological functions. He said his organization is focusing on 'Scouting and nurturing of Science in marginalized communities' and finds many challenges.

The veteran doctor said he has often been told that India had the largest number of leprosy-stricken patients, the largest number of TB patients. But nobody had told him that the country had the largest number of intellectuals, going by the two per cent special category of students found in the Gaussian curve. The actual number of 'creative minds', however, depends on how effectively they are nurtured. In India, school teaching often follows outdated syllabi, and is in a bad shape. Heavy emphasis is placed on learning and cramming. Changing the education system is a herculean task that needs long-term planning and commitment, he reiterated.

#### JANWANI

Dr. Kiran Kulkarni, Director, Janwani, Pune informed about Janwani, an initiative of the Maratha Chamber of Commerce. It is aimed at zero garbage and keeping Pune city clean with the support of all stakeholders. It endeavors to take a comprehensive view of the city's development. A case study on Pune city and Janwani Model will be useful for other cities in the country. Janwani conducted a pilot project, Zero Garbage Ward project, at Katraj ward in the



Dr Kiran Kulkarni

Municipal Corporation in 2011, covering 11500 properties with the population of 45,000. He informed that Pune Municipal Corporation decided to replicate the model in 20 prabhags, with Janwani as the nodal agency from February 2013. Under the project, the community bins were removed, and Bio-gas plants were setup.

#### Solar Electric Light Company [SELCO]

With about 70% of the population not having access to electricity, Harish Hande, CEO, SELCO, Bangalore claimed it is among these people that innovation happens most. If sustainability is the criterion, he wondered why the street vendor is always in business and big business airlines go bust. He explained this is because we have created a paradigm that is completely different from the need of grassroots innovation and innovator in the country. He gave the example



Harish Hande

of 32 families with an income of Rs. 1600-2000 per month that spend Rs. 140 per month on candles and Rs. 40 on charging of mobiles. He suggested scaling up can be done by creating proper guarantee mechanisms and helping poor people to own assets, with the help of 40,000 banks working in rural India.

Hande admitted that none of the innovations was done by him, and the actual innovators who discovered the methods mentioned by him lacked

we need to create a nurturant ecosystem for social innovations leaving behind our prejudices.

Lila is a play, engagement is forgetful, how do we connect through detachment

education. Otherwise, they would have been declared Social Entrepreneur of the Year winner etc. He concluded by saying that we need to create a nurturant ecosystem for social innovations leaving behind our prejudices.

LILA

Ms. Rizzio Yohanar Raj (LILA Thinktank). highlighted the need for integrating the sites of research, the sites of action and the sites of conservation for creating all-round, knowledgeable happiness.



Rizzio Yohanar Raj

She added that there was a need of horizontal assemblies of community representatives to understand the creation of inclusive databases and open resources, and the need for spaces to understand potential terrains of social innovations. Besides, there is need for integration of private capital and public interest to meet innovation demands from the various social sites.

#### Discussion

Dr. Ramji Raghavan opened the discussion saying the seminar has had a profound impact on him. In reference to co-chair, Dr. Mehta, he said on one side there were those who were making a deep beneficial impact on the lives of people.

And on the other, there were those (the politicians) who remained silent spectators, while the public money simply evaporated without enriching social innovations. Citing examples of creativity in Japan, he talked of how Japan rose from the brink of the post second world war collapse.

Dr. Kamal Taori (IAS Rtd.,) Chairman, Rural Hub Foundation of India, Wardha asked three questions a) Has anyone given thought to village panchayat members who work for economical, frugal and more effective ideas? b) How to minimize the expenses of social institutions and c) What will be the motivational force for shubh-labh (profit earned by doing good for people or society)?

Dr. Mehta replied that social institutions were hardly sharing their work and experience with other institutions and people. Reversing the trend is a major issue as initiatives of the social institutions can expand and reach people.

Dr. Kumar Iyer, Secretary, JSW-Foundation, Vijayanagar highlighted how the JSW has restored the past glory of Vijayanagar with its steel plant. The plant was rejected by the central government as not viable. There was one solitary tree before the plant was started. The unit was set up anyway and today there are 1.5 million trees in the plant's premises. He also talked about women's empowerment in Vijayanagar being 'a reverse phenomenon.' Two thousand girls from neighbouring villages have been empowered and are getting good remuneration.

Sanjeev Kaura, CEO CSR, Bennett, Coleman and Co., New Delhi made three points regarding the estimated Rs. 21,000 cr. CSR fund in the country, an equal matching system may be introduced; nurturing of continuous and comprehensive evaluation in CBSE schools; and third there should

Can CSR be linked to Indian philosophy of *shubh labh* profit with purpose and social inclusion

be continuation of the dialogue process on social innovation on a regular basis.

Dr. Mehta recommended that people with social welfare responsibility should be on committees before CSR decisions are taken.

Suggesting the Honey Bee Network to document models for humanitarian support, Ravindranat, Founder, Rural Volunteer Centre, Dhemaji, Assam said there should be a body that would select the best models for economic generation, health, women and child health, ecology, river saving, etc. These models must be put before the government. If such models were made available to the district collectors and corporate bodies, things would start moving for the better. Dr. Anil Joshi agreed with the suggestion and added all innovations cannot be customized. He suggested that the best way is to have tested climate and agro-climatically identified technologies, which could be made available on a portal or digital network.

P. Vivekanandan, Collaborator, HBN and Founder & ED, Sustainable Agriculture and Environmental Voluntary Action, Madurai suggested an agency to nurture grassroot level innovations at local level. The social culture and innovation need to be linked with marketing and finance to achieve success.

Gurudutt Shenoy, Vice-President- Projects, Maitreya Group suggested creation of a programme which invests in people, individuals, and cited examples of Prime Minister Rural Development Programme – Fellowship for those who work with the district collectors in naxal-affected areas. Satish Awatre (Program Coordinator, CEE, Pune) mentioned that one needs to have empathy in society; for that one needs to introspect and also be cautious about differentiating between empathy and charity as a concept.

Rajendra Singh Tarun Bharat Sangh, Jaipur emphasized that since all the participants have achieved big in their respective fields, they should come together to strengthen the community.

### *Saralata session*

Understanding, Analyzing, Abstracting and Assimilating Social Innovation in Contemporary Pedagogies

Chair: Dr. K. Narayana Gowda  
Vice-Chancellor, University of Agricultural Science, Bangalore

Co-Chair: Gurudutt Shenoy, Vice-President- Projects, Maitreya Group  
Prof. Ravi Pooviah, Professor, Industrial Design Centre (IDC), IIT Bombay.

Stating that IDC tries to teach design to turn unreal projects into reality, Prof. Ravi Pooviah talked about an international project involving two Singaporean universities, NTS and NUS, to predict the occurrence of malaria and dengue based on inputs on weather and frequency of malarial incidence in the past. The idea was to prepare a model that will be helpful for preventing and treatment of the diseases. It was decided to set up a People's Network where communities can engage by sending SMS, photos, reports and phone calls which would form the data, collated and visualized in the form of map. This would help to form a predictive mapping where one can look at weather data, past incidences, types of incidences, building activity, do predictive algorithm and show probable incidence on a map. The data collated would be shared with the users, either through TV or other media in order to take preventive action. The project was successfully



Prof Ravi Pooviah



Having heard 25 success stories in social innovation. it was necessary to take them to educational institutions.

implemented in Colombo and there exists an opportunity to replicate at other places, he added.

Vigyan Ashram

Mrs. Alpana Viajaykumar, Associate, Vigyan Ashram, Pabal, Pune briefed about Vigyan Ashram which imparts learning among high school students and dropouts so that village youth do not migrate to cities. Late Dr. Kalbag, founder-Director, was inspired by life and work of Mahatma Gandhi, and wanted to work for technical uplift of rural youth.

Brig. P. Ganesham, Collaborator, Honey Bee Network, Andhra Pradesh regretted that the village life has lost its sheen. The village economy is restricted to agriculture. If the 6.5 lakh villages in the country do not contribute to the VDP (Village Domestic Product), what happens to the country's economy? Several villages that were known to be powerful are today bereft of many values also. 'Palle Srujana', the organization he heads, has visited about 1000 villages in the last 8 years.

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Bharat Vikas Group [BVG]

Hanumanth Rao Gaekwad, CEO, BVG talked about his organisation mentioning that it is different from other organisations in some aspects. It believes in providing jobs to people who are normally rejected elsewhere and pays them higher remuneration. This makes the employee perform more than a normal employee. Gaekwad narrated a recent incident that when he went to Germany, he saw various courses for odd jobs, which meant that a qualified hairstylist will begin his work giving 100% quality. He suggested that 100% skills are required for India to become a superpower

Dr. Gowda, VC, UAS, Bangalore highlighted the situation of rural India, where the youth, given a choice, would move away from farming as it no

more remains a profitable venture. While India achieved self-sufficiency in food production, self-dependency of farmers is not up to the mark. He informed that in order to make farming a profitable venture in 75 villages, his university had taken up a project, 60 km from Bangalore. If farmers' share is increased to 60-65%, certainly farmers are going to be confident. Initially, the university provided market intelligence and market information but realized it was not a permanent solution as the market intelligence was utilized by elite farmers. It recommended that if small and marginal farmers, who constitute around 85%, start using market inputs, they can earn good profits.

Prof. Pinakeswar Mahanta, IIT Guwahati made two points with regards to biomedical innovations. He called for a multidisciplinary approach and knowledge of mechanical engineering and biomedical engineering. Better still, there should be team approach to innovations.



Prof Pinakeswar Mahanta

Having heard 25 success stories in social innovation, Dr. Anil D Sahastrabudhe, Director, College of Engineering, Pune felt that it was necessary to take them to educational institutions. At present, the engineering students do their internship in some industry or other. Hence, should not it be mandatory that they go to work with an NGO in villages?



Dr Anil D Sahastrabudhe

Admitting that he was amazed at the thoughts expressed and the gathering of the illustrious people, Dr. R. R. Sonde, Executive Vice President, Research, Technology & Innovation of Thermax, Pune said it seemed to have changed his entire thought process. He mentioned how his company Thermax is running several projects under its CSR program such as drinking water in



Saumya Joshi

Cochin, solar biomass near Pune, and six schools in the country under the leadership of Anu Aga.

Stating that she comes from one of the most vilified institutions, a business school, Ms Saumya Joshi, Associate Director, Student Engagement & Applied Learning, Indian School of Business, Hyderabad stressed that contemporary pedagogical tools do not believe that, as far as social innovation is concerned, one should not charge the poor people for service, only you should not exploit them.

Gautam Gauri, Coordinator, Diksha Foundation, Patna mentioned that as far as the importance of exposure is concerned to preserve rural economy, one must emphasise on the cultural



Gautam Gauri

changes and give everyone equal importance and footage.

Mrs. Rita Soni (CEO NASSCOM Foundation, Delhi) said the Foundation instituted Social Innovation Honour that recognizes innovation by using technology. In connection with the goal of all corporate bodies to behave responsibly and manage CSR for delivering social goods, she said that for social development one should look up to the corporate as well as mobilise internal sources. She emphasized that corporate bodies should not be merely seen as deep pockets indulging in evil profiteering.



Rita Soni

As an economics teacher, Dr. Jyoti Chandiramani (Director, Symbiosis School of Economics, Symbiosis International University, Pune) informed that she takes her students to



Dr Jyoti Chandiramani

educational tours where they work on live projects. However, she regretted that nobody gives credit to these students for their social work during their academics.

Prof. Satish Deodhar, IIM Ahmedabad mentioned it was important that our educational institutions inculcated lateral thinking also. Noting that speakers always referred to foreign role models such as Isaac Newton, he wondered why it was so because we also have our role models such as Shivaji, who was contemporary of Newton. He mentioned GMAT as another example which is conducted 365 days a year for 250,000 students. The computerized test of IIMA, on the other hand is taken by more number of students. Therefore he stressed on the need for internalizing Indian-ness.



Prof Satish Deodhar

Gurudutt Shenoy shared his group's experience in working with tribal Khatodia community for processing bamboo-based products in Udaipur in Rajasthan. He regretted that bamboo had not been made the mainstream product in furniture and construction as in China. He pointed out that most durable products roll out only when the local artisans give finishing touches to a product.

Dr. Gowda agreed that rural people made sustainable products because it is a necessity for them, and necessity is the mother of invention. Hence, one needs to revisit the social innovation system.

### ***Sampreshan***

The word conveys it all, wherein it is more than 'communication' overarching into communion – interchange or sharing of thoughts or emotions – without a gap, or a two-way communication in which the communicator's message is affirmatively received, said Prof.

Satish Deodhar recalls a question by his son, why ask me to learn tables, these are repeated additions.

Gupta. He outlined the purpose of the effort as how could we all share the collective wisdom of the participants? How can we reduce the gap between the people who have been bypassed and the state, Market and social institutions?

He requested Dr. Jadhav to help consolidate the pathway

for creating the national fulcrum – whose form and shape will be decided after consensus. Dr. Jadhav summarised the understanding of the discussions:

1. The resolve to take into account every idea expressed at the seminar; so as to say that no idea will remain un-chased.
2. The common people will no longer be ignored as sink but viewed hereafter as source of ideas.
3. Creation of a national umbrella, which can become a resource bank of ideas and from where good ideas can be harnessed. The point is to make policy makers sit up and notice such ideas. Thus there is a need to institutionalize the ideas and move further in developing a framework.

Dr Jadhav informed that as the Vice-Chancellor of Pune University, he took a step to allow senior citizens above 60 years to do Ph.D provided they were holding at least a bachelor's degree. The University Grants Commission (UGC) shot out a letter stating entry norms for Ph.D admission could not be diluted. But after he became UGC Commission member, he issued a notification making it mandatory for a compulsory Ph.D programme for senior citizens in every university. Since then, he received over a hundred letters from senior citizens thanking him for his efforts.

Pune University had called a meeting of 700 college principals in its jurisdiction and decided that each college adopt one village and ensure it becomes 'nirmal' where there will be no open defecation. About 200 villages have thus become 'nirmal' (tranquil). He also initiated a soft skill development programme for students to make them confident while attending job interviews.

The resolve to take into account every idea expressed at the seminar; so as to say that no idea will remain un-chased.

Dr. Jadhav then invited pointed suggestions from the participants. Prof. Gupta appealed to the audience to contribute to the collective wisdom of the seminar so that every worthwhile idea is pursued. He added that NIF-India and IIMA were committed to speed up the social innovation movement in the country. He added that the participants can express their views during the seminar, write it down on a paper or email them to [socialinnovation@nifindia.org](mailto:socialinnovation@nifindia.org).

## Ideas

Dr. Madhav Gajanan Deo was the first to observe that there was a discernible Luddite sentiment in the seminar. It was as if modern technology was coming in the way of social innovation. He perceived a perceptible anti-modern technology stance by many speakers. He mentioned that he would be glad if anyone tells him that khadi has disappeared because it is not competitive and has not adopted technological changes. He suggested that one must have modern technology in relation to social innovation in India.

Ms. Rizio Yohanan Raj wanted an archival facility of social innovation so that people know what was happening and wondered if IIMA/NIF can make it available. A participant suggested to have a franchise of the best practices in the field. Arun Waklu (Pragati, Pune) mentioned that there was no single integrated database that meets the needs and suggested if it was possible to have a database containing the list of outstanding social innovators in different sectors.

Living in the foothills of Arunachal Pradesh, Ravindranath expressed fear of a repeat disaster in his area if the social innovation in halting hydro-electric projects in Uttarakhand is not replicated in his area. Arunachal has approved 150 hydro-electric projects in the hills. He hoped that the seminar acts like a platform to prevent a disaster in Arunachal.

## Final Session

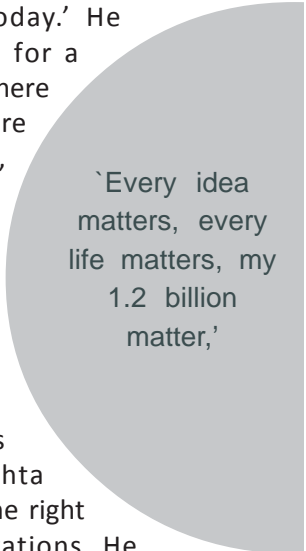
Dr. Kelkar began the concluding session saying, 'Civil service does not believe in miracles. A

miracle happened today.' He highlighted the need for a portal or a platform where all social innovations are made available, institutional mechanism for support, and an advocacy mechanism. Dr. Kelkar agreed that the in-depth analysis of social innovation support system as suggested by Dr. Mehta was needed to have the right eco-system for innovations. He made several suggestion for a bill to outline guidelines for CSR. He mentioned that the help of NIF and other agencies, it is necessary for creating an institutional mechanism on a permanent footing and solid foundation.

Dr. R.A. Mashelkar said the country is not short of great people. With regard to CSR, Dr. Mashelkar said spending 2% net profit on CSR is not quite right. Some companies were spending 3% and they want to increase it to 5%. He referred to Dr. Shalini who had proved that one can get good results even being part of the system. In this context, he talked about the award for the best IAS officers in the country started in 2006 where about 200-300 officials are nominated and 15 shortlisted.

Dr. Mashelkar appreciated Prof. Gupta for coming out with the word 'sanctuary' for the future of social innovations in the country in preference to 'incubator' and so on. He assured full support of NIF, which had certain limitations, for creating the institutional mechanism along with Honey Bee Network. However, he added that the structure cannot be instantly decided and further discussions would be required.

Reiterating that 'Every idea matters, every life matters, my 1.2 billion matter,' Dr. Mashelkar concluded that this would be a fitting message for taking home.



'Every idea matters, every life matters, my 1.2 billion matter,'



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## **Annexure-2: Posters**

### **Social innovation seminar posters**

- |  |  |
|--|--|
| 1. Honey Bee philosophy  | 19. Moving Academy of Medicine and Biomedicine                     |
| 2. NIF: In quest of  | 20. SRISTI   |
| 3. GIAN: Golden triangle   | 21. COSMIC-overview-10-11-2013                                     |
| 4. Introduction to NIF   | 22. COSMIC-projects-IITB-a-10-11-2013                              |
| 5. Aajevika-NRLM   | 23. SEVA- Sustainable Agriculture & Environmental Voluntary Action |
| 6. AKRSP   | 24. First Seminar on Social Innovation-1                           |
| 7. BAIF Development Research Foundation                          | 25. First Seminar on Social Innovation-2                           |
| 9. First National Social Innovation                              | 26. First Seminar on Social Innovation-3                           |
| 10. Baghavan Mahavir Viklang Sahayata Samiti (BMVSS) Jaipur Foot | 27. First Seminar on Social Innovation-4                           |
| 11. Centre for Environment Education (CEE)                       | 28. Vigyan Ashrama   |
| 12. Chetna   | 29. DHAN Foundation  |
| 13. CIPS   | 30. SEVA   |
| 14. Goonj-Anshu  | 31. National Centre for Cell Science                               |
| 15. GRAAM  | 32. Janwani  |
| 16. Indian Blood Donors  | 33. Wockhardt Foundation   |
| 17. MANZIL -- A Youth Empowerment and Learning Centre            | 34. Indian Blood donors  |
| 18. Milestones (Honey Bee, SRISTI, GIAN, NIF)                    | 35. Platelet donors  |

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# *Compendium of Participants, 2013-2014*

## Index of Profile

Dr. Abhay Bang .....	5
Mr. Ajith Basu .....	7
Ms. Alpana Vijaykumar.....	8
Mr. Amrut Abhay Bang.....	8
Mrs. Anar Patel .....	9
Dr. Anil D. Sahasrabudhe.....	10
Prof. Anil Gupta.....	10
Dr. Anil Prakash Joshi .....	11
Mr. Anil Joshi.....	11
Mr. Anshu Gupta.....	12
Mr. Anvar Sadath K.....	77
Dr. Arun Nigavekar.....	13
Ms. Arunima Sinha.....	14
Mr. Ashok Ragunathrao Saraf.....	15
Mr. Ashwin Gambhir.....	15
Mr. Ashwani Aggarwal .....	16
Prof. B. K. Chakravarthy.....	17
Dr. B G Mukhopadhyay.....	17
Dr. Balaram Sahu.....	18
Dr. Balasubramanium.....	19
Mrs. Bhavna Doshi .....	20
Mr Chakrapani Dittakavi.....	20
Dr. Deepak Shikarpur .....	21
Dr. Devendra Raj Mehta.....	23
Dr. Devi Shetty .....	25
Dr Dhananjay Kumar Tiwary .....	25
Dr. Dileep Padgaonkar.....	26
Mr Eklavya Prasad.....	27
Mr. Ganesh Natarajan .....	28
Prof. Ganesh Ramakrishnan.....	28
Mr. Gautam Gauri .....	29
Mr. Girish G. Sohani.....	30
Dr. Gopal Kundu .....	31
Mr. Gurudutt Shenoy .....	31
Mr. Hanumanthrao Gaikwad.....	32
Mr. Harish Hande .....	33
Prof. Hippu Nathan.....	34
Ms Indu Capoor .....	35
Prof Indira J. Parekh.....	37

Mr. Jaydeep Mandal.....	37
Dr. Jyoti Chandiramani.....	38
Ms. Jyotsna Sitling, IFS.....	39
Mr. K. L. Gupta.....	40
Dr. K. Narayana Gowda .....	41
Mr. Kamal Taori.....	41
Ms. Kavita Vemuri.....	42
Mr. Khushroo Poacha.....	42
Mr. Kiran Kulkarni.....	43
Prof. Krishna N Ganesh .....	45
Mr. Kumar Iyer.....	46
Dr. L. H. Manjunath.....	46
Mr. M. P. Vasimalai .....	48
Dr. Madhav Gajanand Deo.....	49
Mr. Madhu Nair .....	50
Mr. Makrand Phadke .....	50
Dr. Madhav Gadgil .....	51
Dr. Masood Parveez .....	52
Ms. Mayura Balasubramaniam.....	53
Mr. Milind Kamble .....	54
Ms. Neha Gandhi .....	56
Mr. Neil Patel.....	57
Mr. Nitin Agarwal.....	58
Ms. Nuzhat Memon .....	58
Brig. Pogula Ganesham.....	59
Mr. P. Vivekakanandan .....	60
Prof. P. Kumaresan .....	61
Prof. P M Shingi .....	61
Pallavi Gupta .....	62
Mr. Partho Bhowmick .....	63
Prof. Pinakeswar Mahanta.....	65
Mr. Pradeep Lokhande.....	65
Dr. Pradip Kumar Sarmah.....	66
Mr. Prashant Girbhane .....	69
Mr. Robert Leo .....	70
Dr. Prem Singh.....	71
Dr. R. S. Deshpande.....	72
Dr R. R. Shonde .....	73
Dr. Raghunath Anant Mashelkar .....	74
Mr. Rajendra Singh.....	75



<i>Prof. Rajas Parchure</i> .....	76
<i>Dr. Rajendra Jagdale</i> .....	77
<i>Mr. Rajeev Kher</i> .....	79
<i>Mr. Rakesh Kumar Sharma</i> .....	80
<i>Mr. Ramji Raghavan</i> .....	81
<i>Mr. Ravi Gulati</i> .....	82
<i>Mr. Ravindranath</i> .....	82
<i>Mr. Ravi Ghate</i> .....	83
<i>Prof Ravi Poovaiah</i> .....	83
<i>Dr. Ravindran D. Aravind,</i> .....	84
<i>Ms. RizioYohannan Raj</i> .....	86
<i>Mr. S. Damodaran</i> .....	87
<i>Mr. Sabarinath C Nair</i> .....	88
<i>Dr. Samindranath N. Mukherjee</i> .....	89
<i>Mr. Sanjiv Kaura</i> .....	89
<i>Prof. Sandesh Ramu</i> .....	90
<i>Mr Satish Awate</i> .....	91
<i>Prof. Satish Deodhar</i> .....	91
<i>Ms. Saumya Joshi</i> .....	92
<i>Dr. Shalini Rajneesh</i> .....	93
<i>Mr. Sharad Sharma</i> .....	94
<i>Prof. Shekhar Chaudhuri</i> .....	95
<i>Mr. Siddharth Chaturvedi</i> .....	96
<i>Mrs. Snehalata Shrikhande</i> .....	97
<i>Ms. Soniya Suryavanshi</i> .....	98
<i>Mr. Swapnil Chaturvedi</i> .....	99
<i>Mr. Ulhas Latkar</i> .....	99
<i>Mr. Vaidyanathan Krishnamurthy</i> .....	100
<i>Mr. Veerender Kumar</i> .....	101
<i>Prof. Venkatesh Rajamanickam</i> .....	102
<i>Mrs. Vidisha Kalra, IRS</i> .....	103
<i>Dr. Vijay Kelkar</i> .....	104
<i>Mr. Vinay Dharmadhikari</i> .....	105
<i>Dr. Vipin Kumar</i> .....	106
<i>Mr. Yogesh Kulkarni</i> .....	107

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### Profile:

Dr. Abhay Bang grew up in the Sevagram Ashram of Mahatma Gandhi. He was inspired by the social ideals, and trained in India (MD) and at the Johns Hopkins School of Public Health, (MPH). He was a top notcher at his University and won 3 Gold Medals. Alongside his wife Dr. Rani Bang, he founded the voluntary organisation, SEARCH, (Society for Education, Action and Research in Community Health) 26 years ago in one of the most underdeveloped districts, Gadchiroli, in the state of Maharashtra in India, where they have been working with people in 150 villages to provide community-based health care and conduct research. They have developed a village health care program which has now become a nationally and internationally famous model. It has influenced the health policies in India and abroad atleast thrice. They first brought to the notice of the world that rural women had a large hidden burden of tackling gynecological diseases. They have showcased how pneumonia in children can be managed across villages, and recently, how newborn care can be delivered to villages. Their work has reduced the IMR down to 30 in these areas. This approach, called the 'Home-based newborn care' has now been replicated in several countries and has become a national policy in India, resulting in the global guidelines (WHO/UNICEF - 2009).

- ✓ They have established the famous community health care and research center 'Shodhagram' in the tribal areas. They also studied the problem of hidden child mortality in Maharashtra and subsequently launched a programme - Ankur - to reduce child mortality in the State.
- ✓ They have led a campaign against alcohol which led to the introduction of prohibition in Gadchiroli district, and influenced the State policy. Recently, he has led a series of studies on tobacco consumption in Gadchiroli, and how to control it in women and children.
- ✓ He has written 2 books of which the one on his own heart disease is extremely popular in Maharashtra for which he received the State literary award. He was a member of the High Level Expert Group to design Universal Health Coverage for India (2010-12), of the National Commission on Population, and of The National Commission on Macro-economics and Health. He is a member of the Mission Steering Group, of the National Rural Health Mission, Govt. of India, and of the National ASHA Mentoring Group, and several national and international committees.
- ✓ He is a member of the Audit Advisory Board of the CAG, India. He is a member of the High Level Committee on Tribal People in India, appointed by the Prime Minister's Office.

- ✓ The award for the best literary article in Marathi in the year 1996.
- ✓ Yashwantrao Chavan state award for social work, (2000).
- ✓ The Kelkar award for the best literary book in Marathi, (2000).
- ✓ The State Award for De-addiction - Government of Maharashtra. (2001)
- ✓ Satpal Mittal Award for Population - by the Indian Association of Parliamentarians, New Delhi. (2002)
- ✓ Vivekanand Manava Sewa Award, Pune, (2002)
- ✓ Ramshastri Prabhune Puraskar for social justice - Satara, (2002)
- ✓ He has held the position of **Chairman** of the 'Committee for the Evaluation of Child Health and Malnutrition in Maharashtra' appointed by the Govt of Maharashtra (2003)
- ✓ He and Rani were honoured with the highest honour by the state government the 'Maharashtra Bhushan'.
- ✓ The TIME magazine conferred them as 'Global Health Heroes' (2005)

### Their major research includes -

- ✓ The first ever community-based estimate of the magnitude of gynecological problems in rural women (1989) which paved the way for the international policy shift to women's reproductive health.
- ✓ Hidden Child Mortality in Maharashtra. (1999-2000)
- ✓ Field trial of pneumonia control by using VHVs and TBAs (1998-90)
- ✓ Developing a simple device - Breath Counter, to enable illiterate TBAs diagnose pneumonia in children. (1990)
- ✓ Participatory action-research against alcohol leading to a mass movement and change in the government policy. (1988-93)
- ✓ De-addiction in rural males (1994-2000).
- ✓ Studies on burden of health problems in home-cared neonates (1995-96).
- ✓ A five year field trial of home-based neonatal care to reduce neonatal mortality (1993-98).
- ✓ A multi-site replication study of home-based neonatal care. (2001-06)
- ✓ A Study of tobacco consumption in Gadchiroli, and effect on development.

### Honors :

His organization along with himself has received more than 50 awards. These include :

- ✓ Society of Scholars, Johns Hopkins University, Baltimore, USA. (2013)
- ✓ Distinguished Alumnus Award Department of International Health, Johns Hopkins Bloomberg, School of Public Health, Baltimore, USA (2013)
- ✓ 'Dory Storms' Child Survival Recognition Award from

- ✓ Recipient of Mahatma Gandhi Award for humanitarian service. saving newborns and children. (2004)
  - ✓ MacArthur Foundation International Award for creative and effective institutions. (2006)
  - ✓ The Global Health Hero, TIME magazine (2005)
  - ✓ 'Maharashtra Bhushan' the highest state honour of the Govt. of Maharashtra (2003)
  - ✓ 'Bapu' Award from Gandhi National Memorial Society, Pune (2009)
  - ✓ 'Navratna Puraskar' from Doordarshan Sahyadri Channel, Mumbai (2005)
  - ✓ National Award of the Indian Council of Medical Research for outstanding research in community medicine.
  - ✓ National Award of the Voluntary Health Association of India for the best voluntary health organization.
- Member**
- ✓ High Level Committee on Tribal People in India, govt. of India (2013).
  - CORE Group Washington (2010).
  - ✓ Save the Children, US award for global contribution to
  - ✓ Audit Advisory Board, CAG, Govt. of India.
  - ✓ Committee on Regional imbalance and balanced growth and development in Maharashtra, Govt. of Maharashtra, (2011-13)
  - ✓ Mission Steering Group of the National Rural Health Mission, Govt. of India
  - ✓ High Level Expert Group on Universal Access to Health Care, The Planning Commission Govt. of India (2010-11)
  - ✓ National ASHA Mentoring Group, Ministry of Health & FW, Govt of India
  - ✓ National Commission on Macro-economics and Health (2004-05)
  - ✓ National Commission on Population (2001-2004)
  - ✓ Institute of Medicine (IOM) U.S. committee on Improving Pregnancy Outcome in Underdeveloped countries (2000-2001)

Mr. Ajith Basu  
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### **Profile:**

Ajith Basu is Chief Program Executive at Agastya International Foundation ([www.agastya.org](http://www.agastya.org)). His role involves Program Development & Management. He comes with several years of experience in Instructional Design, Teacher Training, Coordination of 'Giftedness' Identification Program among rural children with NIAS and DST (GOI), Impact Assessment, setting up of a 'Rural Innovation Hub' at Agastya's campus (funded by NCSM), Young Instructor Leader Program (YILP), Donor Relations, Agastya's leadership of New Learner (Global) Consortium involving 11 partner organizations from 8 countries and such several similar initiatives.

Ajith has over 25 years of experience in various dimensions of Childhood Education, Human Process Training, Design Management and Theatre. He has been involved in Research and learning of various global education models while seeking solutions to effectively 'mass educate' economically underprivileged children of India.

### **Organization Profile:**

Agastya is a movement led by entrepreneurs, educators, scientists, teachers and children to revitalize and transform primary and secondary education in India and provide an affordable education model that can be replicated anywhere in the world.

Through interactive high-impact grassroots education, Agastya aims to inspire and catalyze effective and widespread social development, innovation and leadership.

(<http://www.agastya.org/who/who-we-are>)

### **Impact:**

Agastya has been able to achieve its mission to unlock the creative potential of poor children through:

- ✓ 100+ Mobile Labs which take hand-on science education and digital literacy to the village doorstep.
- ✓ 40 Science Centers catering as science resource hubs for surrounding schools and communities.
- ✓ 110 Lab in a Box sets which nurtures a high impact and participatory learning experience for students and teachers.
- ✓ 140 + Operation Vasantha Centres, community run program to provide remedial classes for students and drop-outs.
- ✓ 172-acre Creativity Lab campus in Andhra Pradesh (2 hours from Bangalore) which houses science, art, astronomy

Agastya has reached over 5 million children and 150,000 teachers in several states, and is supported by scientists and educators in the country. Our 2020 goal is to touch 50 million children and 1 million teachers.

The Prime Minister's National Knowledge Commission (has recommended the Agastya model for nationwide dissemination,

<http://knowledgecommission.gov.in/downloads/recommendations/PMLetterM&S.pdf>) and the Clinton Global Initiative has commended Agastya for its long term "commitment to action."

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### **Organisation Profile:**

To discover the solution of the issues in education, a scientist turned educationist Dr. S. S. Kalbag established Vigyan Ashram in 1983 and now it is a center of Indian Institute Of Education (IIE) Pune.

It believes in philosophy of constituting a organization that is contemporary version of old Gurukul system. Over 122 high schools across four states in India adopt the Introduction of Basic Technology (IBT).

### **Impact:**

Many Govt and Private organization and individual donor supported the programs of ashram is a testimonial to the work Ashram has carried out. To name a few associates are "CAPART (Min of rural Development)", "Dept of Science & Technology" "Sir Dorabaji Tata Trust" "Hindustan Lever" "Lend-A-Hand-India", "Association for India's Development (AID)", "ASHA for Education", "MHRD" etc.

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### **Profile:**

Mr. Amrut Abhay Bang has done graduation in Computer Engineering. He is currently associated with Maharashtra Knowledge Corporation Limited (MKCL) as Member – Human Development Initiatives and Project Coordinator – NIRMAN. He was Associate Software Engineer with Symantec Corporation Private Limited

He grew up in the tribal district of Gadchiroli in Maharashtra. His parents, Dr. Abhay and Dr. Rani Bang, are the founder directors of a voluntary organization SEARCH which is working for the past 25 years with the people in 150 villages to provide community-based health care and conduct research. Their social ideals have inspired him, shaping his values and resolve to work for social change.

His responsibility as executive lead for NIRMAN (<http://nirman.mkcl.org>) is to identify, nurture and organize youth for social change. NIRMAN draws inspiration from the Nayee Talim model of education proposed by Gandhi and Vinoba. NIRMAN facilitates the youth's search for purpose by social problem based experiential learning and identification of self through it. As of today, around 550 youth have gone through the NIRMAN educational process and presently 80 of them are working fulltime on specific social challenges in different parts of Maharashtra and Chhattisgarh.

Major responsibilities and achievements during this period have been:

Designing and implementing the state wide information spread and selection process for NIRMAN, Planning and organizing the series of NIRMAN workshops – total 26 each of around 8 days, Identifying and developing the educational methods and techniques to be used in NIRMAN process, Developing ideas and opportunities for social action for the NIRMAN youth, Individual counseling & facilitation of the educational process of these youth, Delivered more than 100 talks, presentations on varying topics in front of the youth from different colleges across Maharashtra.

He has visited around 50 different social organizations/initiatives/projects all over the country and developing associations with them. Overall project coordination of NIRMAN which is a joint initiative by SEARCH and MKCL, also having support of around 30 leading social organizations, thinkers, activists, and professionals across Maharashtra.

### **Organisation Profile:**

NIRMAN draws inspiration from the Nayee Talim model of education proposed by Gandhi and Vinoba. NIRMAN facilitates the youth's search for purpose by social problem based experiential learning and identification of self through it.

### **Impact:**

As of today, around 550 youth have gone through the NIRMAN educational process and presently 80 of them are working fulltime on specific social challenges in different parts of Maharashtra and Chhattisgarh.

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## Profile

*Mahatma Gandhi quoted, "Be the change that you wish to see in the world" and Anar Patel is the ideal example to demonstrate this saying. Love, Trust and Faith, these are the three values that have defined Anarben Patel's life and woven her journey in service, thread by thread.*

*Anar Patel, A Touch bearer of the cause of underprivileged children of slums and streets, widows, destitute and divorces, work for the women upliftment and education. A regular meditator and yoga enthusiast, the constant awareness through her journey has brought incredible clarity in her service. And that allows her to play the complete spectrum from a strict administrator to a loving friend. Anar Patel is very actively associated with various NGO's with a mission to LOVE ALL, SERVE ALL and SHARE ALL throughout her life.*

*At Manav Sadhna, a non - profit organization based in a quiet corner of Mahatma Gandhi's Ashram, Ahmedabad, its mission to simply serve the underprivileged children. Manav Sadhna, navigates with the philosophy of love all, serve all and share all. By seeing God in every individual (Manav), mere service is transformed into worship (Sadhna). To this end, Manav Sadhna is engaged in constructive humanitarian projects that cut across barriers of class and religion while addressing issues faced by socio - economically neglected segments of society. In executing this mission, Manav Sadhna is guided by Mahatma Gandhi's unshakable beliefs in love, peace, truth, non - violence and compassion.*

*At Gramshree, an NGO, she encourages each women to be the seed of change. Through various trainings, these women earn their economic self reliance. In this transformational process, each Gramshree women is able to redesign her destiny. Gramshree's mission is to enable women to be catalysts of sustainable economic and social change in order to strengthen their families and positively impact their communities.*

*Craftroots, an initiative of Gramshree, aims to empower artisans by connecting them to our resources and tools. It is a unique platform that showcases and brings into spotlight the best of craftsmanship from Gujarat. Craftroots was born to revive, preserve and share the craft traditions of Gujarat, India with the world. It aims to bring together people, process and technology to revive the traditional craft and building an eco - system to develop a scalable and sustainable model for craft development.*

*"The best way to find yourself is to lose yourself in the service of others".*

*Inspired by Mahatma Gandhi, a man that lived his life in the fearless pursuit of truth, she has seen its impact in her own relationships and service. When mentoring is rooted in love, there is no fear, and as a result, she has been able to delve deeper into relationships along her service journey. Practicing fearlessness has strengthened her understanding and ability to practice other Gandhian values, particularly truth and nonviolence.*

## Organisation Profile:

*Craftroots, an initiative of Gramshree, aims to empower artisans by connecting them to our resources and tools. It is a unique platform that showcases and brings into spotlight the best of craftsmanship from Gujarat. Craftroots was born to revive, preserve and share the craft traditions of Gujarat, India with the world. It aims to bring together people, process and technology to revive the traditional craft and building an eco - system to develop a scalable and sustainable model for craft development.*



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#### **Profile:**

Dr. Anil Sahasrabudhe, a gold medalist in B.E. Mechanical from BVB College of Engineering and Technology, Hubli affiliated to Karnataka University. He is also a Doctorate from Indian Institute of Science, Bangalore. Before CoEP, for 11 years he was a faculty at IIT Guwahati. He was also a lecturer at NERIST, Itanagar. He is currently the Director of College of Engineering, Pune (CoEP) and secretary, Board of Governors of CoEP.

#### **Organisation Profile:**

Established in 1854 College of Engineering, Pune (COEP) is the third oldest engineering college in Asia. It was granted autonomy by the state government in the year 2003-04 that allowed the institute to change the syllabus according to the needs of the industry. The institute is committed to solve day to day problems by use of advanced technologies. It offers distinct learning experience not only in academics but offers social experience too. The institute teaches both technological development and ethical practices.

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#### **Impact:**

The global alumni network, its association with various foreign universities and the support from the industry shows the institute's hallmark. The institute is one of the top 20 technological colleges in India and the alumni contributed immensely in the development of national infrastructure.

Prof. Anil Gupta  
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#### **Profile:**

Anil K Gupta, Professor at Indian Institute of Management, Ahmedabad; Executive Vice Chair, National Innovation Foundation; Founder, Honey Bee Network, SRISTI and GIAN; Fellow, The World Academy of Art and Science, California 2001; Member, National Innovation Council

His mission is to expand the global as well as local space for grassroots innovators and to ensure recognition, respect and reward for them; protection of intellectual property rights of the innovators; ethical issues in conservation and prospecting of biodiversity; linking innovations, investments and enterprise; creating knowledge network at different levels for augmenting grassroots green innovations and inventions in informal and formal sector.

His courses at IIMA include Globalizing and Resurgent India through Innovative Transformation (GRIT) with Bharat Ratna Dr. A P J Abdul Kalam, former President of India (2008-10) as co-faculty, Shodhyatra (learning walk in Himalayan region), doctoral level courses viz., Institution Building (IB), Agri Management (AM II), etc.

Prof. Gupta was conferred with the Humanistic Management Lifetime Achievement Award by the Humanistic Management Network, St. Gallen, Switzerland at the 73rd Annual meeting of the Academy of Management, Orlando, USA on 12th August 2013; Doctor of Letters from Central University of Orissa, July 29, 2012; Hermes Award (May 2012), European Institute for Creative Strategies and Innovation, Paris apart from several national and international honours. He is a prominent member of many governmental and corporate bodies and is a widely published author.



Dr. Anil Prakash Joshi  
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#### **Profile:**

Dr. Anil Joshi holds PhD in environmental science. He started his career as a lecturer in the Kotdwara Government College. Having roots in the hills, he decided to contribute for the hilly community rather. In order to guard the environment and its conservation he started Himalayan Environmental Studies and Conservation Organization (HESCO) in 1981. Dr. Joshi is recipient of the fourth highest civilian award, the Padma Shri in 2006.

#### **Organisation Profile:**

Hesco draws its inspiration from the villages and designs custom solutions of their issues. It allows them to focus on the needs and its essence is truly rural as it derives inspiration from the villages and devises solutions for their problems. It helps them to focus on their economic and development needs and encourages them to use local resources which open avenues to self-sustenance.

For nearly three decades HESCO advocated sustainable change by use of simple technologies in the rural parts of Himalayas. Their ecological and innovative solution brought outstanding results and in return have helped them earned national recognition and has drawn attention of the international community in the development of rural mountain regions.

#### **Impact:**

HESCO has the satisfaction of serving around five lakh village peoples in nearly 10,000 villages spanned across nine Himalayan mountain state. Along with Indian Arm, it gifted watermills to the deserted villages near the borders of Arunachal Pradesh and Jammu Kashmir.

Control of Soil erosion and landslides was solved using biological methods and was adopted by Borders Roads Organisation. Their Initiative Women's Initiative for Self-Employment (WISE) is generating livelihood opportunities for about a thousand women spread across the mountains of Uttarakhand.

HESCO introduced livelihood opportunity for youths and village draftsmen by turning Lantana, a local weed into a resource for crafting furniture, construction materials and others household utilities.

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#### **Organisation Profile:**

Mumbai Angels, a leading seed fund company was started in the year 2006. Investing on an unknown company was a unique concept for a population with a conventional mindset. Sasha Mirchandani and Prashant Choksey decided to start a separate class of investors, associated with each other and to mentor young entrepreneurs with new ideas and new companies. The group of businessmen with their family business started meeting youngsters with new ideas and helped them in their ventures with investment.

Their first angel investment was made on a start up in a telecommunication company called Mkhøj (now Inmobi).

As things materialized the founders decided to build platform that would introduce entrepreneur to investors and formalize it. The members provided impetus to the bunch of talented youngsters who were looking for investment for their ideas.

#### **Impact:**

Mumbai Angels has been instrumental in forming successful companies namely, In Mobi, Cnergyis, Reverse Logistics, Apalya.com, Speakwell.co.in, NetElixir Inc, Canvera.com, Screenpoint, Insta Health Solutions, Dhama Apparel Innovations, Madhouse, Myntra, Textual Analytics Solutions Pvt Ltd., Atyourprice.in, AIOCD Pharmasofttech.

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### **Profile:**

Popularly known as the Clothing Man, Anshu has done his Mass communications twice and masters in Economics. Starting as a freelance journalist, Anshu left a corporate job in 1998 and founded GOONJ with a mission to make clothing a matter of concern and to bring it among the list of subjects for the development sector. An Ashoka Fellow and the Global Ambassador of Ashoka, Anshu is creating a mass movement for recycling and reuse of tones of waste material by channelising it from the cities to the villages, as a resource for rural development. A powerful and inspiring speaker, Anshu addresses many national and international forums to bring clothing on the development agenda and to motivate the youth to take action. He is a regular speaker in many parts of the world on innovation, leadership, village development, power of youths and social entrepreneurship.

Listed in 'Forbes' as one of the India's most powerful entrepreneurs, Anshu's organization, GOONJ has won many prestigious awards including the Innovation for India award, Lien i3 challenge, CNN-IBN Real Hero's Award, India NGO of the Year Award, Changemakers Innovation Awards and Development Market Place Award from the World Bank. GOONJ has also been chosen as a 'Game Changing Innovation' by NASA & US State dept. in a worldwide search & selection.

**Recently Anshu has been awarded the 'Social entrepreneur of the year award' by the Schwab foundation, sister concern of the world Economic Forum.**

Anshu's efforts to bring wider attention to the most ignored basic need of human i.e. clothing and its various aspects right from dignity, deaths in winters to the most taboo subject of sanitary pads are getting wider acceptance across the world and many organizations have started replicating GOONJ's various initiatives.

GOONJ is considered one of the leading social enterprises in India, the largest non-monetary resource agency and people also call it one of the largest civic participation movement!!

Anshu is a passionate photographer and travels primarily in remote parts of the country to understand people, their behavior and need!!

### **Organisation Profile:**

In the race of development we all are too focused on machines i.e. the big, known issues and areignoring the needles the most important small parts i.e. issues.

At GOONJ our focus is these needles.- With a large scale civic participation it is not only becoming a bigpeople's movement for progress but is also creating a parallel economy where every work doesn't have to wait for money; huge quantities of old re-usable material becomes a valuable resource. We are lookingforward to a parallel economy which is not CASH based but that is TRASH based.

Goonj is reaching parts of 21 states in partnerships with over 250 grassroots organizations, Ashoka Fellows, social activists, units of Indian army & social movements. Apart from thousands of volunteers allacross, Goonj has a formal team of 130 people with 8 offices across India.

### **Impact:**

In last two years, GOONJ has carried out over 900 development activities under Cloth for work (CFW) namely repairing roads, recharging water ponds, building bamboo bridges, digging well and would earn clothes as reward. It implemented innovative livelihood generation activities in disasters hits villages like making Sujni & school bags, Vaapsi, Village Hats (markets), tailoring centers.

GOONJ manufactured over two million sanitary pads out of waste cloth & reached to villages/slums across India showcasing a viable solution. It has started an income generating initiative in village by converting over 2,00,000 kg of throw away abandon cloth into traditional mattress/quilt (Sujni). ([http://goonj.org/?page\\_id=1118](http://goonj.org/?page_id=1118))

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#### *Profile:*

*Prof. Arun Nigavekar is a Physicist with a specialization in Material Science. He has established the Centre for Advanced Studies in Material Science at the University of Pune. He has also published 70 research papers in international and national journals and 21 students have received M.Phil. and Ph.D. under his guidance.*

*Prof. Arun Nigavekar was the Chairman of UGC between July, 2002 and September 2005, Vice-Chairman of University Grants Commission from September 2000 to July 2002, convener of a group that formulated India's strategies in response to opening of higher education under GATS, Vice-Chancellor of University of Pune from April 1998 to September 2000.*

*He was Founder Director of the National Assessment & Accreditation Council between 1994 and 1998. He was hailed as "Father of Quality Movement in India" by Dr. A. P. J. Kalam, the Former President of India. He has been a member of Distance Education Council, an Apex Body dealing with policy in Open Learning and Distance Education in India, since 1994.*

*He is a founder Chief Editor of Physics Education Journal, permanent member of UNESCO body on Physics education named as ASPEN. He is currently Vice-Chairman of ASPEN. He has been a convener of International Steering Committee on Physics Education and is the founder life member of Maharashtra Academy of Sciences.*

*He is also Vice-President of Indian Physics Association (since January 2000) and has been a founder life member of Materials Research Society of India and USA*

*He was founder Director of National Assessment and Accreditation Council, an autonomous Institution set up by the University Grants Commission to bring quality in higher education. He, as a member of UGC, played a significant role in establishing and shaping the concept of quality in higher education through this body.*

*He spelt the philosophy and approach for the Xth Five Year Plan in Higher Education. His Conceptual Framework document formed a base for formulating the Xth Five Year Plan for the MHRD.*

*UGC Network for connecting all the universities. This network provides intranet and Internet connectivity to higher education institutions in India. It enhanced the quality of teaching and introduced professional management in higher education.*

*He conceptualized and implemented the digital repository for research materials with 16 mirror sites. This has strengthened the research activities in universities.*

*He has revitalized the accreditation process in higher education institutions. All the universities and around 2000 colleges were assessed and accredited during his membership as Vice-chairman and Chairman.*

*He conceptualized and implemented the concept of universities with potential for excellence. This has given a boost to teaching, learning and research activities in good universities.*

*He has won several awards notably the FIE Foundation Award (1996), UGC National Lecturer Award (1984) ASPEN Honor (1993), Best Teacher Award (1991), Bharatiya Vidya Bhavan's Advocate D.R. Nagarkar Foundation Award (1998), Swami Vivekananda Award (1999), Rotary Vocational Excellence Award (1999) and Vyas Award (1999). He has also been awarded with The Centenarian Man of the Year Award (2002). He has been awarded Honorary Doctorate Degree by Tilka Manjhi Bhagalpur University, Nagarjuna University, Guru Nanak Dev University, Jagadguru Rambhadracharya Handicapped University and University of Calicut. Recently he has been awarded with "Suryadatta Lifetime Achievement Award for 2011".*

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### **Profile**

Arunima "Sonu" Sinha (born 1988) is the first female amputee to climb Mount Everest. She is also the first Indian amputee to climb Mount Everest.

She was a national level volleyball player who was pushed out of a running train by thieves in 2011 while resisting them. One of her legs had to be amputated below the knee as a result.

Sinha is from Ambedkar Nagar in Uttar Pradesh, India. She had qualified as a Head Constable in the CISF in 2012.

While still being treated in the All India Institute of Medical Sciences, she resolved to climb Mount Everest. She was inspired by cricketer Yuvaraj Singh, who had successfully battled cancer, "to do something" with her life. She excelled in the basic mountaineering course from the Nehru Institute of Mountaineering, Uttarkashi, and was encouraged by her elder brother Omprakash to climb Everest with a prosthetic leg.

She contacted Bachendri Pal, the first Indian woman to climb Mount Everest, in 2011 by telephone and signed up for training under her at the Uttarkashi camp of the Tata Steel Adventure Foundation (TSAF) 2012. Sinha climbed Island Peak (6150 metres) in 2012 as preparation for her ascent of Everest.

On 1 April 2013, Sinha and Susen Mahto, a TSAF instructor, who had together climbed Mount Chhamser Kangri (6622 metres) in 2012 under the guidance of Bachendri Pal started their ascent of Mount Everest. After a hard toil of 17 hours, Sinha reached the summit of Mount Everest at 10:55 am on 21 May 2013, as part of the Tata Group-sponsored Eco Everest Expedition, becoming the first female amputee to scale Everest. She took 52 days to reach the summit.

Arnima Sinha is now dedicated towards social welfare and she wants to open a free sports academy for the poor and differently-abled persons. She is donating all the financial aids she is getting through awards and seminars for the same cause. The academy would be named Pandit Chandra Shekhar Vikalang Khel Academy.

### **Organisation Profile**

Arunima Sinha has paved the way for the building up of a world class sports academy for disability sport events and a dedicated training facility for the future Indian Paralympic stars. The Academy is designed to offer young athletes a direct pathway to the top of the performance ladder.

The Academy structure provides professional support to athletes in the forms of links with consultants such as Nutritionists, Sports Scientists, Sports Psychologists and Physiotherapists. The Academy will also support athletes by providing advice on disability specific matters concerning their sport as well as support them with kit and equipment to facilitate their training and competition.

They also offer a wide range of Education Services including Lower and Upper School for the enrolled sportspersons. They meet the needs of disabled people with cerebral palsy, communication impairments, sensory impairments and therapeutic needs. The Sports Academy provides athletes with competent understanding of classification which is required in order for them to identify with their class during events.



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#### **Profile:**

Mr. Ashok Saraf has done graduation in Electrical Engineering from Indian Institute of Engineering, Bombay and holds Masters Electronic Engineering from NUFFIC, Holland. He also has Diploma in Digital Technique from Philips International Institute. He has served in various reputed organizations in his career namely, TELCO, Pune, Electronic Pot. Ltd. Pune, KPIT Cummins Infosystem Ltd. Japan, and Ashok Saraf and Associates.

He is Chairman, Pune Electronics Co-Op Society Ltd. and Trustee of Science and Technology Park, Pune. His holds expertise in the areas like Electronic Design, Microprocessor Systems, Computer Software Development Projects, Management of Industrial Units, Project Management, Entrepreneurship Development, Manpower Development and Training, VLSI Design Verification, Outsourcing Management, Japanese Accounts Management.

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#### **Organization Profile:**

Science And Technology Park connects University with Entrepreneurs and it also provides technology related support to various government departments.

#### **Impact of Work:**

Self-sustaining knowledge based support from university campus is not only possible but helps create huge potential for technology based entrepreneurship as well as help in creation of solutions for many social needs. This is proven by operations of Science and Technology park over last 26 years. This needs to be extended to each college and institutions of higher learning that can help create similar solutions at local level.

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#### **Profile:**

Ashwin Gambhir holds B. Tech in Mechanical Engineering from Maharashtra Institute of Technology, University of Pune and has M.S. in Mechanical Engineering from University of Massachusetts, Amherst with a specialization in wind energy.

Ashwin Gambhir is a Senior Research Associate at Prayas Energy Group and has been working on renewable energy policy and regulatory issues and on Indian climate policy, especially with regard to energy emissions. He also has a keen interest in rural energy, energy economics, energy externalities, depletion of fossil energy reserves and the social and environmental sustainability of energy systems and their interaction with society. Before joining Prayas, he was working on the economics and policy instruments of renewable energy systems and on quantifying subsidies of conventional power generation in India

#### **Organisation Profile:**

Prayas is a non-governmental, non-profit organisation based in Pune. Prayas Energy Group (PEG) has been active since 1990 in the area of electricity sector.

The team of Prayas consists of professionals aiming to protect and promote the public interest and interests of the deprived sections of the society. They believe that efficient governance that promotes and guards public interest can be achieved by effective control and influence on governance by people and civil society organisations. Public interest issues include consumer issues as well broad social issues. In consumer issues, PEG gives more attention to the issues affecting the poor and the disadvantaged. Social issues include environmental sustainability and equity.

#### **Impact:**

PEG with competent and dedicated professionals having a perspective of public interest perspective has gained the recognition of civil society as well as state institutions. It is known as a group with an excellent grounding, good understanding of the technical and other complexities of the electricity sector, and having at the same time, capability to take a macro perspective. They are the member of several government and non-government committees and have received several awards.

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### **Profile:**

A graduate of Bachelor of Fine Arts from college of Art, New Delhi, He brought together the team of like minded individuals who were willing to put forward time for the cause of hygiene and health.

### **Organisation profile**

Inspired with the thought of Mahatma Gandhi of being the change we want to see in the society, they have come up with an cheap, innovative and easy to install, maintain, repair and replace urinals to curb the menace of public urination on streets and impart a sense of hygiene and sanitation among individuals of the society who take for granted their surroundings and streets and openly urinate on them without any feel of guilt and shame.

The Basicshit team comprises mostly of 5 members and a group of volunteers. The team at Basicshit has put in numerous hours in research and development of prototype and has been getting more innovative with their designs as they are growing. The initial prototype was designed using the flexible pipes and 20 liter reusable plastic water canisters available of various mineral water companies, this design had to be perfected keeping into mind the angle and shape for cutting to ease the process of urination and also to avoid splashing of the urine on the clothes. Even before the prototype set of urinal that is now installed, they worked on many models of urinals keeping the effectiveness carefully balanced with the cost factor as it is essential and mandatory for these urinals to be low on cost and also easy to maintain, repair and replace whenever required. They are constantly working on new ways and models to improve the existing prototype model. The existing design was finalized for the moment and they came up with 4 prototypes in this design for various situations and climatic conditions.

The Sanitation drive of Basicshit is not limited only to Delhi. They have started from Delhi and planned 20 set of urinals across Delhi. They are also planning to install 20 set of urinals in Mumbai followed by all metropolitan cities. Their team has already visited slums in Dharavi, biggest slums in Asia, and narrowed down the sites for the urinals.

### **Incentives**

#### **Economic:**

- a) Use of the infrastructure is absolutely free to the public. This is the first initiative of its kind that has no usage fee involved. FREE FOR ALL.
- b) The parts used in developing the prototype are easily available at competitive prices and can be refurbished at minimal overhead. COST EFFICIENT.
- c) The prototype can be easily replicated on a mass basis with unskilled labor. OF THE PEOPLE, FOR THE PEOPLE, BY THE PEOPLE.

#### **Social:**

- a) This project provides the public a chance to contribute and be a part of a critical social issue by making a commitment to using these toilets instead of open public spaces. BE THE CHANGE YOU WISH TO SEE.
- b) Community health and hygiene, as well as clean urban spaces, are issues that affect every citizen.

#### **Environmental:**

- a) The parts used are sourced from recycled plastics and other non-biodegradable waste. REDUCE, REUSE, RECYCLE.
- b) The already established urban public sanitation mechanism will accrue more efficient output and fewer burdens on its systems with increased infrastructural capacity. EFFECTIVE URBAN SANITATION.

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**Profile:**

Prof. Chakravarthy is Head of Industrial Design Centre, IIT Bombay, Mumbai and also Chair professor India Post (3 years). His principal fields of Interest in Product Design are Product Styling and Perception, Creativity, New Product Innovation, Design Strategy, Humanizing Technology and Collaborative Innovation Methodology.

He set up Industrial Design Program at IDDC IIT Delhi along with other members of the core team. He created a Collaborative Model for New Product Innovation which has been empirically tested and has shown a high level of acceptable in industry. He established Shenoy Innovation Studio at IDC, IIT Bombay to network and share expertise with industry through live projects and humanizes technology. He undertook designing and development of Post Box for India Post as a social venture. He inculcated design consciousness in a public sector organization like India Post and convinced them to enter into a fellowship collaboration with IIT Bombay for a span of three years

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Dr. B G Mukhopadhyay  
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**Profile:**

Dr. B G Mukhopadhyay is a Doctorate from Indian Agriculture Research Institute from New Delhi. He has also done his Masters in Organisation Development from Bowling Green State University, Ohio, USA. He received an international award on Organisation Development from USA. He was also the Fellow at East West Centre, University of Hawaii, Honolulu, USA.

Dr. Mukhopadhyay has worked in National Bank for Agriculture and Rural Development (NABARD) in various capacities and currently he is heading the Farm Sector Development and Farm Sector Policy Departments at the corporate office, Mumbai.



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### **Profile:**

Dr. Balaram Sahu is Masters in Animal Virology. He is currently scientist with Orissa Biological Product Institute, Bhubaneswar. His work accomplishment includes value addition and validation of some local herbs, having anti-germ activities and to study wound healing effects by performing laboratory experiments.

From 2000, He is regional collaborator of Honey Bee Network and National Innovation Foundation, scouting and documenting grassroots innovations and indigenous traditional knowledge of Orissa. He is a popular science writer and technology communicator. He writes popular science books, essays and poems for general mass and specifically for the school students. He also makes science based short films and his work has been acknowledged nationally and internationally. He has authored 13 popular science books, out of which 3 are in English and 10 are in Odia language and is editing Odia version of Honey Bee, Ama Akha Pakha.

He is awarded with Orissa Bigyana Academy Award instituted by Government of Orissa as best popular science writer and science educator of 1998 for the book Sharirate Samr Saja. He is also awarded scientist of the state award by Orissa Krushak Samaj in the year 2006 and Best innovations scout award by National Innovation Foundation in the year 2007. He is awarded with Orissa Veterinary College Golden Jubilee Award-2010 and National Award for Science and Technology Communication by Innovative and Traditional Method for 2011.

### **Organisation Profile:**

Innovate Orissa Initiative; Bhubaneswar is a CSO, registered under charitable trust act. It is working for scouting, documentation of grass root innovations in Odisha since year 2000. It also works for communication of science and technology at grass root through "Pathe Pathshala"- The moving school for farmers, students and women at their place, in their time with their language. It also publishes "Ama Akhapakha" (Odia version of Honey Bee magazine) and popular science books in vernacular Odia and English language.

### **Impact of Work:**

- ✓ Documented 7800 numbers of grass root innovations, ideas and indigenous traditional knowledge (ITK) of Odisha till now
- ✓ Value addition and validation of some local ITK and Innovations.
- ✓ Conducted 358 "Pathe Pathshala" and trained over 6000 farmers and women on outstanding animal healing practices, organic farming, cattle feed making, herbal pesticide making using locally available biomass at low cost.
- ✓ Edited and published 32 issues of "Ama Akhapakha" (Odia version of Honey Bee) and reached to more than 30,000 farmers, students and women
- ✓ Felicitated/awarded 422 numbers of innovative farmers, students and women at their doorsteps.
- ✓ Village food festivals conducted -8

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### **Profile:**

Dr. Balasubramaniam is a physician holding interest in issues related to public health, holds MPhil in Hospital Administration and Health Systems Management from Birla Institute of Technology and Sciences, Pilani. He is a Master's in Public Administration from the Harvard Kennedy School, Harvard University. He is a Mason fellow of the Harvard University and mid-career fellow at the Hauser Center for Non-profits. He is presently the Frank Rhodes Professor with Cornell University, USA and an Adjunct Professor of International Programs with the University of Iowa, USA. He was the former professor and head of the Vivekananda Chair, University of Mysore.

Dr. Balasubramaniam holds over two decades experience in development of organization and public policy in systems change initiatives in India. He contributed in various capacities on number of State and National level committees and as the Special Investigator to the Lok Ayukta, Karnataka an anti-corruption agency of the state. He investigated corruption within Public Distribution System in the Health and Medical Education sectors, and Institutional corruption and mal-administration.

His interest areas are Public health, Community led Development, Governance and Leadership for the Social Sector.

Dr. R. Balasubramaniam is the Founder & Chairman of the Swami Vivekananda Youth Movement (SVYM), a development institution engaged in a grass-roots approach to improvements in sectors such as health, education, and community development. In the past 29 years, he has worked as a social activist in the service delivery sector.

### **Organisation Profile:**

Grassroots Research and Advocacy Movement (GRAAM), an organization focused on research on problems faced by the communities and to convert them into research material for scholars in their academic research and the outcome of the research is advocated as relevant public policy

GRAAM aims to ensure development at grassroots level by enriching the interaction between community, NGO's, States and the private sector.

### **Impact:**

The GRAAM's advocacy has contributed in policy for chronic diseases in the state of Karnataka and recommended suggestion that address the gap between challenges in public health and public system in the state of Karnataka.

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**Profile:**

A fellow member of the Institute of Chartered Accountants of India with over 25 years of professional experience in taxation and regulatory services, Bhavna is currently providing consultancy services. She serves as independent director on boards of companies.

Winner of the prize for best lady candidate at CA Examination, Bhavna's contribution to the profession of accountancy led her to being elected for four terms (the only woman to have this honour) to the Council of Institute of Chartered Accountants of India for four terms. She had the privilege of leading the Accounting Standards Board of India at a time when India took a firm step of convergence with international accounting standards.

Her service to the business community at large particularly, relating to policy frameworks for businesses, comments and suggestions in the field of taxation, company law, principles of doing business and so on found recognition in her being elected as President of the Indian Merchants' Chamber, a leading Chamber of Commerce headquartered at Mumbai.

She, during her tenure, besides, initiating several socially relevant projects for businesses was instrumental in establishing IMC Inclusive Innovation Awards for recognition of work of grass root innovators and mentoring and supporting them in taking their innovative products and services to the market and scaling up their ventures.

Bhavna has been taking keen interest in social projects from early days and has been contributing to well being of people at large be it, at individual level, by building toilet block for school in small village or conducting health camps.

She, as President of Ladies' Wing of Indian Merchants' Chamber has taken several initiatives in this direction and is currently Chairing the Art and Craft Promotion Council which she was instrumental in establishing for upliftment and empowerment of artisans.

She is a strong believer of the power of social innovations at grass root level and the benefits that it brings to the nation as a whole and, looks forward to making more contribution in that field for the benefit of communities at large with her wide ranging experience gained from several initiatives over past 4 decades, nationally and internationally.

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**Profile:**

**Sri D CHAKRAPANI**, IAS (Retd.), is currently Director for Centre for Innovations in Public Systems, ASCI, Hyderabad. He retired from service in July, 2011 as Additional Director General, MCRHRD, Hyderabad. He held the posts of Commissioner and Director of Intermediate Education, Government of Andhra Pradesh. As Secretary (Projects), Irrigation Department, he was responsible for the implementation of all irrigation projects. He was also Additional and Spl. Secretary, Finance and in charge of the monitoring and control of all externally funded projects in the Andhra Pradesh.

After obtaining M.A. (English) from Osmania University and Diploma in English Studies from CIEFEL, and after a brief stint in teaching English in one of the private colleges, joined the Andhra Pradesh State Road Transport Corporation as an Officer in 1976. Subsequently, he joined State Government as Deputy Collector in 1977. After being trained in Warangal, he held the posts of R.D.O., Miryalguda and Siddipet. He also worked as District Manager, Civil Supplies Corporation, Hyderabad, as District Collector of Nizambad and Vice Chairman & Managing Director of Andhra Pradesh State Scheduled Caste Welfare Corporation, holding additional charge of the post of Managing Director, Andhra Pradesh Water Resources Development Corporation. He also has the distinction of working with the two Chief Ministers, i.e. Late N.T. Rama Rao and Shri N. Janardhana Reddy.

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### **Profile:**

Dr. Deepak Shikarpur is an IT Engineer with a global repute. He was a scholar student since childhood and was a Rank Holder with Distinction for Bachelor of Engineering program. He has obtained post graduate diploma in management and Doctorate (PhD) in the field of his profession – Information Technology. He was working in the Tata group for 16 years and then became a Technopreneur. His profession spheres over Directorship with several Global Information Technology companies and academic institutions. He is past chairman of computer society of India and Chairman of the Computer Literacy Task Force and member Executive Committee of MCCIA for 2 year period 2014-16.

Mahratta Chamber of Commerce industries and agriculture (MCCIA) is a premier corporate conglomerate.

Hon. Vice Chancellor of Pune University has appointed him as Chairman, Board of Studies of Computer Management. He is member of the governing body of Bharatiya Vidya Bhavan, Pune center. He is an Hon. Fellow of Maharashtra Academy of Science, Computer Society of India and an Hon. Fellow of Institution of Engineers. He was nominated as a member of special IT/eGovernance Task force of the state by Hon Chief Minister of Maharashtra in 2010 to promote IT in the state.

On May 1, 2010 he was given the prestigious Late Shantanurao Kirloskar Achievement Award during the Golden Jubilee Celebration of Sanyukta Maharashtra State Formation Day at the hands of Hon Dy Chief Minister of Maharashtra for his role in promotion "Science and Technology for Youth at Large".. He was honored with Top Management Consortium (TMC) award of service excellence for the year 2012-13 for his contribution in motivating rural youth in the state.

He has so far authored 24 books on IT in Marathi. He has won "Veer Savarkar Award" and Wrangler Paranjape awards constituted by Maharashtra State Government for Best Marathi literature in 2005 and 2007. In 2011 he was awarded with Late G R Paranjape award constituted by Marathi Sahitya Parishad. He has been selected for Silicon Valley IT Icon award for 2011.. He has written innumerable articles for educating common man on power of Information technology. He is a popular orator and is invited to speak for various academic, socio cultural forums as well as literary meets. He has spoken on three occasions at the famous Vasant Vyakhyanmala Pune. He has received Sanglibhushan

Rotary Club of Shivajinagar in the year 1991. His Classification is IT promotion. He was the club President in 2005-06 and has bagged the Best President Award. He has served Rotary District 3130 and 3131 on many assignments with responsibilities such as Chairman Corporate promotion (Rotary Foundation), Assistant Governor, GSE Team leader (visiting District 6600 Ohio), Director (Youth and Family of Rotary), Director (Rotary Foundation Promotion) and District Secretary (Events and Meets).

He was elected unopposed as the sixth District Governor for Rotary District 3131 for the year 2013-14. Deepak and Gauri are Second Level Major Donors of Rotary Foundation.

In the Rotary Year 2013-14 RID 3131 under leadership of DG Deepak achieved many milestones. Addition of 1139 new members (No 1 in South Asia), USD 1.59 Million to Rotary Foundation (No 2 in South Asia – 96% increase over previous year)

PRIP Kalyan Banerjee had appointed him on an International Assignment as a member of Social Networking committee of Rotary International for 2011-12 before he became District Governor... R I Director P T Prabhakar has appointed him as Joint Secretary of Rotary Institute 2014 and Assistant Rotary Co ordinator (2014-15) for District 3030, 3131 and 3132.

His wife Rtn Gauri (Sonia) is an active member of R C Pune Shivajinagar. She has served the club in various capacities such as director (PR), bulletin committee chairman, nominated as director (membership) for the year 2011-12 and hon secretary for the year 2012-13. She will be leading the Club as President in the year 2015-16. She was co-director for women in rotary avenue for district 3131 in the year 2010-11. They are blessed with a son Vedrat a Paul Harris Fellow who is now working as a Technical writer in a creative media firm in Pune

### **Project: Sunetra - Innovative eLearning aid for Visually Challenged Students**

- ✓ Rotary district 3131 has undertaken an ambitious program, known as RDEP (Rotary distance Education Program), targeted to offer quality education to rural Maharashtra through computer as well as networking technologies.
- ✓ This program has been focused on supplying an integrated computer system which will allow class room lecture through a computer/projector package, while delivering 1st grade to 10th grade syllabus based instructions to a class room of 10 – 40 students

*award by Prominent citizen of Sangli.*

*He is a second generation Rotarian and was an active Rotaract member in Sangli during his college days. He joined*

- ✓ *It offers technology led quality education at affordable costs to masses has reached close to 1000 plus schools benefiting 300,000+ students*
- ✓ *Special eLearning Solution is built for Very very Special gifted Children*
- ✓ *Sunetra a special educational aid is developed for Visually Challenged students. It has audio syllabus for any 2 -3 years standard as per SSC Syllabus. 10 Schools running for Visually Challenged Children are using Sunetra.*

- ✓ *Program includes creation of Rotary school; distribution of Tablet computers to needy students, teachers and visually impaired students; and incorporation of vocational training, career counseling and guidance.*



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### Profile:

Mr. D. R. Mehta is the Founder & Chief Patron of Bhagwan Mahaveer Viklang Sahayata Samiti (BMVSS) Jaipur, the parent body of Jaipur Foot / Limb. He set up BMVSS in 1975, and has, over time, developed it to become the largest organization for the rehabilitation of the handicapped in the world, by now, providing almost 1.40 million handicapped beneficiaries with artificial limbs / calipers and other aids and appliances, giving them mobility and dignity.

Since 95% of the patients of BMVSS are below the poverty line, all these aids and appliances are being given to them totally free of charge with the support of donors and grantors.

Mr. Mehta evolved a special patient-centric management system for BMVSS to ensure fast humane personalized service. Under this BMVSS has an open door policy with the result that any patient can reach its centers any time of day or night and get the admission immediately. Secondly, once a patient has arrived, he stays put in BMVSS, at the latter's expense, till he gets artificial limb or other aid and appliance.

Mr. Mehta has created a special healthcare model for the needy. The world over, there is an intense debate on an appropriate and affordable healthcare model. Indeed, the model of BMVSS has attracted the interest of large number of professional and academic bodies. Recently, the Harvard Business School has written a case study on BMVSS and Jaipur Foot. A few months earlier, IIM Bangalore also has written a case study on BMVSS / Jaipur Foot. Still earlier, Prof. C. K. Prahlad the famous management Guru in his classical book "The Fortune at the Bottom of the Pyramid" wrote extensively on BMVSS and Jaipur Foot.

Mr. Mehta has ensured that BMVSS remains a non-political, non-sectarian, pan-Indian NGO. BMVSS is also an international organization. It has held 54 on-the-spot-limb-fitment-camps in 27 countries of Asia (including those in Pakistan, Afghanistan and Iraq led by Mr. Mehta personally), Africa and Latin America.

The effort of BMVSS is to blend sentiment with science by providing service on one hand and also to continuously upgrade its technology on the other. BMVSS has formal tie ups with the some of the world's best technology institutions like Stanford University, MIT – USA, Indian Space Research Organization some Indian IITs etc. The Jaipur Knee developed by Stanford University – USA, working with BMVSS, has been hailed by the TIME Magazine (issue of

In Nov 2007, Mr. D. R. Mehta's was given the prestigious TECH Museum Innovation Award in Silicon Valley in the USA for Innovation and its Use for Humanity. The Indian for Collective Action Award in San Francisco was also given to him. Earlier Mr. D. R. Mehta was given DIWALI BEHAN Award by Dalai Lama. Mr. D. R. Mehta received CNBC Award for Social Enterprise on behalf of BMVSS. He also got Satpal Mittal Award. He received several other awards too.

On 26<sup>th</sup> of January 2008 the government of India honoured Mr. D. R. Mehta by conferring on him the prestigious National Award "Padma Bhushan" for his social services.

He was given Rajiv Gandhi National Sadhbhavna Award 2012 by the Prime Minister of India.

Mr. Mehta is a retired civil servant. He joined the Indian Administrative Services (IAS) in 1961 and held various responsible positions in the Government of Rajasthan and Government of India. He was the secretary to Government of Rajasthan dealing with various departments in different times; he was Secretary Industries; Secretary Mines; Secretary to Chief Minister etc in Rajasthan. In Government of India he was Controller of Capital Issues, Additional Secretary Banking in the Ministry of Finance. He was also the Chief Controller of Imports and Exports or the Director General of Foreign Trade, Ministry of Commerce, Government of India. During this time the fundamentally changed Export – Import policy for the country was introduced. Then he took over as the Deputy Governor of the Reserve Bank of India (1992-95) (RBI). This was the time when the banking reforms where introduced.

Subsequently, he became the Chairman of Securities & Exchange Board of India (SEBI), the regulator for the capital market in India. He held this responsibility for seven years from 1995-2002. During this period the Indian capital market became modern and sophisticated because of large number reforms. Mr. Mehta had been closely associated with the economic reform process in India.

Mr. Mehta was born in 1937. He is an alumnus of Rajasthan University, Jaipur, Royal Institute of Public Administration, London and Alfred Sloan School of Management M.I.T., Boston, USA.

Mr. Mehta was a Director on the Board of Alfred Sloan School of Management of MIT for Europe, Asia and Africa.

### Organisation Profile:

- ✓ Bhagwan Mahaveer Viklang Sahayata Samiti (BMVSS) set up in 1975, as a registered NGO under the Indian Law.
- ✓ BMVSS is a non-political & non-sectarian organization.
- ✓ The objective of BMVSS is to provide mobility and dignity to the handicapped.
- ✓ It has 23 branches at Jaipur (2-Branches), Srinagar, (J&K), Ambala, Delhi, Noida, Varanasi, Patna, Guwahati, Bhubaneswar, Indore, Ahmedabad, Mumbai, Hyderabad, Chennai, Bangalore, Ajmer, Bikaner, Bharatpur, Jodhpur, Kota, Pali, and Udaipur.
- ✓ BMVSS has been given Special Consultative Status with the Economic & Social Council of the United Nations Organization.
- ✓ While, the concentration of BMVSS is on the disabled in India, in the last several years, it held 54 on-the-spot-artificial limb fitment camps in 27 countries such as Afghanistan, Honduras, Colombia, Nigeria, Kenya, Rwanda, Vietnam, Zimbabwe, Sudan, Lebanon, Senegal, Pakistan, Iraq etc in Asia, Africa and South America.
- ✓ BMVSS Provides artificial limbs, calipers, wheelchairs, hand paddled tricycles, crutches and other aids and appliances to the handicapped to over 60,000 disabled in a year. BMVSS has already rehabilitated more than 1.40 million disabled by now. Incidentally BMVSS is the world's largest organization for the disabled.
- ✓ The only other place where so many poor people get relief in the world may be Mother Teresa's Home.
- ✓ BMVSS provides these aids and appliances totally free of charge. About 95% of the patients of BMVSS were below the poverty line.
- ✓ On the technology side, the artificial limbs, that BMVSS provides is known as Jaipur Foot, which is famous all over the world. Jaipur Foot is closest to the human foot and artificial limb in terms of flexions, functions and cosmetics. With it a below knee amputee can walk, walk on uneven ground, run, climb a tree or a mountain, sit cross legged, crouch, ride a cycle, drive a car and swim. The international Time Magazine wrote several pages on Jaipur Foot a few years ago and stated that ".....Jaipur Foot, that has revolutionized life for millions of landmine amputees."
- ✓ BMVSS are getting support from world famous scientific institutions like MIT-USA, Stanford University-USA etc for upgrading our technology. We have a formal MOU with the Stanford University. Under this they have developed a special four bar linkage knee joint for above knee amputees. The world famous TIME Magazine (issue of 23<sup>rd</sup> Nov 2009) hailed this Stanford-Jaipur Knee as one of the 50-Best Inventions in the world of the year 2009. This is being recognized as one of the best mechanical knee joints in the world. MIT USA another world's famous technology university too.
- ✓ is helping us on three projects, Indian Space Research Organization (ISRO), IITs of – Madaras, Delhi, Mumbai and Jodhpur as also MNIT – Jaipur too are helping us in upgrading or developing new aids and appliances.
- ✓ The world's famous Management Guru, Prof. C. K. Prahalad, in his famous book "The Fortune at the Bottom of the Pyramid", calculated in 2002 that the average cost of one artificial limb being fitted by BMVSS was US\$ 30 against the cost of US\$ 8000 for a comparable artificial limb in the USA. Now, the average cost of one artificial limb of BMVSS is \$70 in Jaipur. (met by BMVSS & not the patient), whereas in the USA a comparable limb may be costing more than US\$ 10,000.
- ✓ BMVSS does create a special alternative affordable healthcare model for the poor. This has attracted the attention of many technical and academic institutions of world fame. These include Harvard Business School, IIM Ahmadabad, IIM Bangalore, London Business School etc all of whom have written case studies on BMVSS. Several magazines in India and abroad have also written extensively on BMVSS and Jaipur Foot



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#### Profile:

Dr. Devi Prasad Shetty holds MS (General Surgery) and MBBS from Kasturba Medical College, Mangalore and has trained and worked as cardio thoracic surgeon under National Health Service UK at Brompton Hospital and Guys Hospital London Between 1983-1989. He is Professor of International Health – University of Minnesota Medical School, USA and Rajeev Gandhi University of Health Sciences, Karnataka, Bangalore

He is First Heart surgeon in India to perform heart surgeries on newborn babies, used Micro chip camera to close holes in the Heart. He pioneered operations for complex problems of the Heart like Pulmonary Endarterectomy, Redo Heart surgery, Valve Repairs in newborn Babies and Aortic Aneurysm surgeries.

The University of Mysore has conferred the “Doctor of Science” (Honoris Causa) on Dr. Devi Prasad Shetty at the **91<sup>st</sup> Annual Convocation held on Sunday, the 10<sup>th</sup> April 2011 in Mysore.**

The Regents of the University of Minnesota, upon recommendation of the faculties, confer upon you Dr. Devi Prasad Shetty, the degree of “**Doctor of Laws**” **honoris causa conferred on 19<sup>th</sup> April, 2011.**

In recognition of his dedication and commitment to the cardiovascular community world-wide as well as his philanthropic efforts to bring affordable medical care to numerous communities the Minnesota Chapter awarded “**The President’s Award**” is bestowed on **Dr. Devi Prasad Shetty on 20<sup>th</sup> April, 2011.**

He is the recipient of Rajyotsava Award (2002), Sir M. Visvesvaraya Memorial Award (2003), Ernst & Young – Entrepreneur of the Year (2003), **Padmashree** (2003), Dr. B C Roy Award (2004), Citizen Extraordinaire, Rotary (2004), India Innovation Award – 2004, By NDTV & EMPI (Awarded to Micro Health Insurance Division), Social Entrepreneurship Award – World Economic Forum (2005), “Commendation for driving affordable and quality healthcare for all 2010” - Healthcare Awards Program presented by ICICI Lombard & CNBC TV18 held on 20th Dec 2010, Indian of the Year 2010 – Awarded by NDTV (2011), **Padma Bhushan – 2012** (Third Highest Civilian Award conferred by the Government of India)

#### Contribution to the field of Medicine:

- ✓ Dr. Shetty and his team have performed over Seventy thousand major heart surgeries out of which Fifteen Thousand operations were on children, many of them new born babies.
- ✓ First team in the world to coin the term Micro Health Insurance.
- ✓ Helped Karnataka state Government to launch Yeshashwini Micro Health Insurance considered as the largest Micro Health Insurance Programme in the world.
- ✓ Arogya Raksha Yogana in association with Mrs. Kiran Majumdar Shaw of Biocon.
- ✓ First team in the world to coin the term “Health City” and in the Process of creating 5000 bed Health cities in every state capital of India
- ✓ Manages worlds largest Telemedicine Programme through Indian Space Research Organization (ISRO).
- ✓ Manages a chain of Rural Clinics in Karnataka and Uttar Pradesh.

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#### Profile:

Dr. Dhananjay is Joint Director with Department of Biotechnology, Ministry of Science and Technology, Government of India.

His work profile includes Advancing Research & Fostering Nanobiotechnology led innovations to address issues related to Health and Agriculture

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(www.piffindia.com)

**Profile:**

Born in Pune, India, in May 1944, Dileep Padgaonkar matriculated from St. Vincent's High School and graduated from Fergusson College, two leading educational institutions in the city. After acquiring a B.A. degree in Political Science and German as his main subjects in 1964, he proceeded to Paris where he first obtained a diploma from the French Institute of Higher Cinematographic Studies and later a doctorate in human sciences from the University of Paris – Sorbonne.

Three months later, in October 1968, he was appointed Paris correspondent of The Times of India. In 1973 he returned to India and served as an assistant editor of TOI in Mumbai and Delhi.

In 1978 he joined UNESCO as its Asia-Pacific Information Officer in Bangkok. Two years later he was promoted as Deputy Director of UNESCO's Office of Public Information at its headquarters in Paris and still later as its Director.

Dr. Padgaonkar rejoined The Times of India in 1986 as its Executive Editor. In 1988 he was appointed the paper's Editor. He served in the latter position for six years.

In 1994 he set up his own multi-media company – Asia-Pacific Communications Associates – and was its Chairman until 2009. In between he had a brief stint as Editor of the Gulf Today daily newspaper in Sharjah, UAE, before coming back to the Times Group as TOI's Executive Managing Editor.

He has been a member of the National Commission for Minorities and the Chairman of the Group of Interlocutors for Jammu & Kashmir appointed by the Union government.

In November 2012 he relocated to Pune where he is the R.K. Laxman Chair Professor at the Symbiosis International University and the Chairman of the Programmes Committee of the Pune International Centre. He continues his association with the Times of India as a Consulting Editor and is a member of the editorial board of The World Post – an on-line publication jointly partnered by the Huffington Post and the Berrgruen Institute for Governance.

A prolific columnist and TV commentator, Dr. Padgaonkar has edited and authored several publications, including one on the Italian film director Roberto Rossellini that received much critical acclaim in India and abroad.

He is the recipient of the Legion d'honneur, France's highest civilian award, for his contribution to journalism and India-France understanding

Mr Eklavya Prasad  
Managing Trustee, Megh Pyne Abhiyan  
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*Eklavya Prasad, is a practitioner, presently, leading Megh Pyne Abhiyan (a grassroots public charitable trust) literally meaning Cloud Water Campaign, conceptualized, and sketched by him and working in partnership with local non government organizations, and supported by resource institutions, individuals and volunteers in rural north Bihar (Eastern India). Megh Pyne Abhiyan focuses on decentralized and alternative safe and secure drinking water and hygienic sanitation solutions along with participatory groundwater management, innovative farm based livelihood options for the flood prone areas of north Bihar. However, much beyond that, the wider mandate is to stimulate collective action and accountability towards a 'common good' amongst the local community. Eklavya has been guided by the experiences accumulated while working on several rural concerns for past nineteen years.*

*Megh Pyne Abhiyan, conceptualised, innovated, and promoted temporary rainwater harvesting system in five flood prone districts in collaboration with local partners (Gramyasheel, Supaul; Kosi Seva Sadan, Saharsa; Samta, Khagria; Ghoghardiha Prakhand Swarajya Vikas Sangh, Madhubani and Water Action, West Champaran) of north Bihar as a decentralised technology and contextual process to access safe drinking water during floods. Since 2007, Megh Pyne Abhiyan has been working on quality drinking water, along with the five partners and institutionalised water testing mechanism within the campaign to highlight the groundwater quality concerns. Thereafter, the organisation worked on developing safe, secure and sustainable access around drinking water (throughout the year) through a well defined package of practice of contextual and alternative water management systems. The alternatives that are being promoted are matka filters (earthen filters) and flood resilient sanitary dug wells. To combat the micro-biological contamination in groundwater, MPA contextualised ecological sanitation as phaydemand shauchalay for the flood prone areas. Presently, the organization alongwith local partners are evolving a participatory framework for groundwater management through innovative processes and mechanisms. Now, MPA is about to initiate work on groundwater in Dhanbad district of Jharkhand state. This opportunity, will help locate MPA, in two different hydrogeological settings, which will enhance the groundwater learnings for future reference.*

*Eklavya's experiences of working on wide ranging rural issues (team building, skill and capacity enhancement, natural resource management, flood rehabilitation, contextual agriculture practices, localized housing, livelihood and economic development, mainstream and alternative media, photo documentation), carrying out field action research, conducting river and water related studies tasks in South and South East Asia and East and Central Africa, and steering grassroots implementation agencies, is helping in developing arguments, processes and technologies for the flood prone areas of north Bihar.*

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#### **Profile:**

Ganesh is the CEO of Zensar, one of the more successful Indian IT companies.

In 1999 Asia Pacific awarded him as 'CEO of the year' and later in 2005 he received the Asia HRD Congress Award. He has been part of the two most success stories, NIIT and APTECH, operating in the domain of Training and Consulting in IT.

Ganesh is the National Chair for Confederation of Indian Industries - IT and ITES Committee and a fellow of the Computer Society of India. He also chairs the Higher Education Forum of the Confederation of Indian Industries in Western India. He is a member of the Board of Governors of NITIE Mumbai and member of the Executive Council and Chairmen's Council of NASSCOM.

#### **Organisation Profile:**

Zensar Technologies is a custom technology provider for global organizations that are seeking to expand, lead in the challenging business climate.

Zensar's serves with broad range of customized solutions and software to over 400 customers that are interested in reaching new heights of business accomplishment. The company operates in the US, Europe, Africa, Middle East, Singapore and Australia regions and has delivery centers in India (Pune, Hyderabad and Bangalore), China, Japan, UK, Amsterdam and US (Westborough). Zensar is the world's first enterprise-wide SEI CMM Level 3 Company.

#### **Impact:**

Zensar Foundation adopted a small community of 2000 people in Ambedkar Nagar, Pune, for sustainable community development programs. The Foundation facilitates programs pertaining to livelihood creation as well as women-children welfare; and gives direct assistance and resources to individuals, families and other charitable organizations. Over 85 per cent of the community belongs to the Scheduled Caste and thus the Foundation's work in the community is a core tenet of its Affirmative Action initiatives.

(<http://www.zensar.com/about-us/csr>)

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#### **Profile:**

He is associate professor, Department of Computer Technology, IIT-Bombay. His Research Interests are Statistical Relational Learning, Other topics in Machine Learning such as Graphical Models and Support Vector Machines. Information Extraction, Indian Language Processing, NLP in general. He is recipient of IBM Faculty Award 2011 and is J.R. Isaac Chair 2014-2016. He has authored 58 publications and one book.

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### **Profile:**

Gautam Gauri Holds B.S., Computer Science Engineering, Birla Institute of Technology, Ranchi, 2003, and M.B.A., International Business, Institute of Management Technology, Ghaziabad, 2007. He is Co-Founder and Coordinator, Diksha Foundation, and is Coordinator and Member, Advisory Board, Alok Charitable Trust

Gautam left his previous job in the corporate sector in New Delhi to establish the Diksha Foundation in 2010. Diksha works with economically disenfranchised communities to strengthen their opportunities for a better life. Gautam has been working for the last 3 years to set up model centers for supplementary education and trying out innovative curriculum and teaching methodologies in rural schools. He has been a Fellow of the Change looms Programme of Pravah & Youth Collective. He has also been a Fellow of the U.S. Government's International Visitor Leadership Program. He works full time with Diksha Foundation as Coordinator.

### **Organisation Profile:**

Founded in 2010, Diksha Foundation has been working towards creating vibrant learning spaces for children from low income and socially marginalized backgrounds. Our work is deeply rooted in the idea of building inclusive communities with a special focus on the rights of children.

Diksha's approach to a learning space closely subscribes to the Japanese Concept of Ba. Ba is a mutual space where knowledge is shared, created and utilized between actors. It can be either a physical, virtual or mental space, and it is both closed and open in the sense that it is characterized by certain boundaries but also by constant interaction with its environment. In addition to providing a space for knowledge processes, Ba also provides the actors with energy.

Diksha put lots of energy and thought into building the physical and mental aspects of our learning spaces. The classrooms are filled with the creations of children and are happy and cheerful. The team works to create non-violent classrooms where students are encouraged to fearlessly ask questions and seek answers. Age-old hierarchies between the teacher and the taught are broken down at the learning centers and the students are co-creators of their learning journeys.

Through the work they discovered that the economic divide runs parallel to the digital divide. They have been working to bridge this gap by introducing Information and communication technologies like computers and tablets, access to the Internet through WI-fi, and mapping open source content like Khan's Academy, Digital Study Hall, Project Gutenberg, Wikipedia and Google, to build a creative common.

Inspired by the Honey Bee philosophy of sharing our work is deeply rooted in the idea of collaboration and cross learning. Some of the partners include like-minded organizations, projects and individuals like Maadhyam, Commutiny - the Youth Collective, Pravah, Manzil, The Honey Bee Network, Alok Charitable Trust, National Innovation Foundation, Arzoo Trust, and others.

### **Impact of Work:**

Diksha's work is focused on socially and economically marginalized children and youth. KHEL an innovative after school programme reaches out to 296 children and youth through three learning centers at Patna, Nalanda and Delhi. Nearly 90% of the children coming to the Centers now also attend government schools. Parabdh - our school improvement programme reaches out to 650 rural students at SRB Alok School, Bulandshahr, Uttar Pradesh. Diksha organized Ignite campaign in 332 schools of Bihar & Uttar Pradesh with an outreach of over 10,000 children. Five children got selected for their innovative ideas and received award from Dr APJ Abdul Kalam. Former President of India.



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### **Profile:**

Mr. Girish G. Sohani has worked in the rural development sector for over 35 years. During this period he has worked on diverse sub-sectors such as Natural Resource Management, Rural Livelihoods, Applied Research on Renewable Energy Technologies and Holistic Tribal Development Programmes.

Mr. Sohani is a Bachelor of Technology in Mechanical Engineering from Indian Institute of Technology, Bombay and Postgraduate Diploma in Business Management from Indian Institute of Management, Ahmedabad. He serves as a member on various National and Professional Committees and has undertaken consultancies with National and International Organisations.

His professional experience covers natural resource management, village production systems as well as rural agri-business and marketing. The work also focuses on Sustainable Agri-based Development which is climate resilient.

His work also involved Strategic Planning and Institution Building with donor agencies, professional development organizations as well as community based organizations.

Mr. Sohani presently functions as President and Managing Trustee of BAIF Development Research Foundation in India.

### **Organisation Profile:**

BAIF Development Research Foundation ([www.baif.org.in](http://www.baif.org.in)) is a professional Non-Profit Organisation established in 1967 by Dr. Manibhai Desai, an associate of Mahatma Gandhi, at Urulikanchan, near Pune to promote sustainable livelihoods in Rural India.

The organisation's Vision is to build a self-reliant rural society assured of food security, safe drinking water, good health, gender equity, low child mortality, literacy, high moral values and clean environment.

The organisation's Mission is to create opportunities of gainful self-employment for the rural families, especially disadvantaged sections, ensuring sustainable livelihood, enriched environment, improved quality of life and good human values. This is being achieved through development research, effective use of local resources, extension of appropriate technologies and upgradation of skills and capabilities with community participation. BAIF is a non-political, secular and professionally managed organisation.

BAIF works towards developing newer solutions and approaches for sustainable rural livelihoods. This covers work in various sectoral areas such as management of natural resources – particularly water resources, and innovative livelihood approaches such as through livestock development and diversified farming systems. In these areas BAIF has made pioneering contributions of technology and development approaches over the last 40 years. BAIF programmes have presently reached 4.5 million poor families living in over 60,000 villages spread over 16 States across the country.

The programmes are implemented with a Cluster Approach and aim to cover economic development with improved quality of life through better health, nutrition, sanitation and women's empowerment.

The field level development programmes are backed by applied research on technologies as well as community based research on programme delivery. BAIF is thus recognized as a Scientific Research Organisation and partners with apex Research Institutions in the country.

BAIF programmes have been widely recognized for their impacts and supported by Government Agencies, Corporate Houses and National / International Foundations.

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#### **Profile:**

Dr. Gopal Kundu has obtained his Ph.D. in chemistry from Bose Institute, Kolkata, India (1989). He did his post-doctoral research work at the Cleveland Clinic Foundation, University of Colorado, University of Wyoming, and the National Institutes of Health from 1989 to 1998. He has performed work in the area of cardiovascular biology, inflammation and immunomodulation during that period. In 1998, he joined as Scientist-D at National Centre for Cell Science (NCCS), India and at present he is Scientist-G. His area of research at NCCS is tumor biology, regulation of gene expression, cell signaling, cancer stem cells, angiogenesis, cancer therapeutics, biomarker studies and nanomedicine. He has received several awards including Fellows Award for Research Excellence from NIH, USA; National Bioscience Award, Govt. of India; Shanti Swarup Bhatnagar Prize, Govt. of India; International Award in Oncology, Greece; International Young Investigator Award, USA and 7th National Grassroots Innovation Award, Rashtrapati Bhavan, India.

He is Fellow of National Academy of Sciences and Indian Academy of Sciences. He has published 72 papers including Nature Medicine, Science, PNAS, Cancer Research, JBC, TCB, Oncogene, Nanomedicine etc and one US patent. He serves as Editorial Board Member of Current Molecular Medicine, Molecular Medicine Reports, The Open Cancer Journal and American Journal of Cancer Research.

#### **Organization Profile:**

The National Centre for Cell Science (NCCS) took birth as National Tissue Culture Facility in March 11, 1986 with a mandate of basic research, teaching & training, and as a national repository for cell lines/hybridomas etc. The centre is located in the midst of academically enriched environment of University of Pune campus, Pune.

During its transformation, the centre has undergone several changes to facilitate achievement of its goals. The centre has expanded its scientific charter to strengthen basic research in the areas of cancer biology, cell biology, immunology, genomics and proteomics.

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#### **Organisation Profile:**

In 1998, Maitreya Group is having presence in real estate development, hospitality, media& publishing, packaged drinking water, and corporate insurance broking services.

Maitreya Group's main focus is on real estate development and construction of commercial, residential, retail and hospitality properties in Maharashtra and Gujarat.

Maitreya Group is poised for a major thrust in the real estate development with the help of strategic alliances and partnerships to design, build, and market residential and commercial properties across the country.

A professionally managed organization, Maitreya Group of Companies operates its various businesses through several associate companies and prides itself on its track record of building trust and delivering values to all its stakeholders.

#### **Impact:**

Varsha, now is an astute entrepreneur who knows how to get the best from her team and is the driving force behind Maitreya.

She has won several accolades for her exemplary work as an entrepreneur. She has been honoured with several awards including the Hirkani Puraskar, Udyog Vibhushan Samman Award initiated by the Indian Organisation of Commerce and Industries, and Pride of India Award by All India National Unity Council.

([http://www.maitreyagroup.com/cimages/news\\_img/contruction.pdf](http://www.maitreyagroup.com/cimages/news_img/contruction.pdf))



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### **Profile:**

Mr. Gaikwad is from a farmer family of a small village Rahimatpur in Satara District. He has inherited and preserved old ascetic values of simplicity and honesty from his family. After his father's early demise, his mother who was working as a school teacher sacrificed her whole life to give the best possible education to the entire family with her meager earnings. He has since then inherited his concern for the poor class and love for social service from his mother.

Mr. Gaikwad completed his graduation in Electronics Engineering – with a 1st class Distinction under the earn and learn scheme. He had to earn money to continue his studies and to pay for his fees. The financial condition did not deter him from reaching his goal of achieving a 1st class distinction in BE (Electronics).

While studying he formed a society called Bharat Vikas Pratisthan in 1993 with the intent and aim of doing something different for our great nation.

After graduation, he worked with M/s.TATA Engineering & Locomotive Limited (TELCO); now Tata Motors for a period of 5 years in various capacities such as a Design Engineer in the Engineering Research Centre, Electronics Division and as a Senior Material Executive responsible for development and procurement of plastic, rubber and bearing items.

While working at Tata motors, Mr. Gaikwad requested senior management for job opportunities for un-employed rural youths. Tata Motors was kind enough and gave him an opportunity in Housekeeping with 8 people in 1997. On account of quality services, hard work and commitment, this strength went up to 200 within a year. Mr. Gaikwad soon thereafter left Tata motors and started his fulltime business under the name of BVG India Limited with TATA Motors being its first client.

### **Organization Profile:**

BVG India Limited an ISO 9001:2000 QMS registered company is a "leading and progressive facility management company", engaged in providing various types of services like Mechanized Cleaning, Landscaping, Gardening, Security Services, Catering etc. under one roof. BVG started in 1997 with 8 people and has today grown to over 50000 people across India.

BVG India Ltd. has grown from a startup having a couple of lakhs revenue to a flagship company of Bharat Vikas Group having a group turnover of INR 1000 Crore today with CAGR of 67%.

Now BVG is providing services to prestigious clients; that include,

Assets of India: Rashtrapati Bhawan, Honorable Prime Minister's House & Office, Hyderabad House, Parliament House, Parliament House Library, Vigyan Bhawan, Delhi High Court and Supreme Court of India

Some Prominent Institutions: Safdurjung Hospital, Indian Railways, Bharat Electronics Limited, Nuclear Power Corporation of India, ONGC, Mantralaya – Mumbai, TATA Motors Limited, G.E. Power Controls, I.T.C. - across country, Bajaj Auto Ltd., Mahindra and Mahindra, Swami Ramdevji's Maharaja Patanjali Yogpeeth Haridwar, and more than 300 organizations in the country. All the above clients are served with the best capacity as they are a reflection of India.

BVG has corporate office at Pune, regional offices at New Delhi, Mumbai, Bangalore, Hyderabad, and Chennai, and Site offices in 22 cities of India. Now it is aiming to start overseas operation.

### **Impact of work:**

- ✓ Created job opportunities for more than 30000 youth directly and indirectly from rural areas and played a lion's share in improving their quality of life.
- ✓ Organized different workshops for youth development activities and channelized their energies for National Development.
- ✓ Employed many handicapped and physically challenged people, who are now earning their independent living.
- ✓ Employed many deserted, widowed and divorced women so that they earn a proud and independent living.

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**Profile:**

Dr. Harish Hande holds Bachelor's degree in Energy Engineering from Indian Institute of Engineering (IIT), Kharagpur and a Doctorate in Energy Engineering (Specialization in Solar) from the University of Massachusetts (Lowell). He is Managing Director, SELCO-India, a company he co-founded with Neville Williams in 1995. Dr. Hande is on the boards of many national and international organizations.

**Impact:**

Since 1995, the company have sold, serviced and financed over 1,35,000 solar systems to their customers and achieved that sustainable enterprise can create a difference.

**Organisation Profile:**

SELCO Solar Pvt. Ltd, the social enterprise with aim to offer sustainable energy solution services established in 1995. The organization was devised to break the myths that poor people cannot afford, maintain sustainable technologies and social enterprise cannot function as commercial companies. SELCO offers complete package of product, finance and service.

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## Profile

Dr Hippu Salk Kristle Nathan is Assistant Professor in the Energy and Environment Policy Programme. He is an Engineer-turned Development Researcher with an M.Tech. in Thermal Engineering from the Indian Institute of Technology, Delhi, and Ph.D. in Development Studies from Indira Gandhi Institute of Development Research, Mumbai. Prior to his Ph.D., he worked as a software professional at Infosys Limited, Bangalore and Geometric Global, Mumbai. As a part of civil society interventions through Peoples Foundation for Scientific Socio Economic Development (PeFSSSED), he has been involved in education, health, and livelihood issues in urban slums and remote villages of Maharashtra, Odisha, and Uttar Pradesh.

Dr Nathan is one of the winners in the GDN Awards and Medals Competition 2013 in the category of 'Outstanding Research on Development'. He is a recipient of Young Scientist Award conferred at Odisha Environment Congress – 2012. In the doctoral years, his research papers have received 'best paper award' in four colloquiums, namely, SCODER-2007 (IGIDR, Mumbai), COSMAR-2007 and COSMAR-2008 (IISc, Bangalore), and Doctoral Colloquim-2010 (IIM, Ahmedabad). Currently, studies undertaken by him include 'Remote village electrification in India through solar home systems' (supported by South Asian Network for Development and Environment Economics), 'Cross border electricity trade in South Asia' (supported by South Asia Network of Economic Research Institute), and 'Inclusiveness in human development in India' (supported by Global Development Network), among others.

## Organization Profile

National Institute of Advanced Studies (NIAS) was conceived and founded in 1988 by the late Mr. J. R. D. Tata, who sought to create an institution to conduct advanced multidisciplinary research. The current aims of NIAS are to integrate the findings of scholarship in the natural and social sciences as well as technology, the humanities and arts through multi-disciplinary research on the complex issues that face Indian and global society, and to assist in the creation of new leadership with broad horizons in all sectors of society by disseminating the conclusions of such research through appropriate publications and courses as well as through dialogues with leaders and the public.

The Energy and Environment Policy Programme (EEPP) at NIAS is devoted to exploring and finding solutions to some of India's vexing energy problems that also exacerbate environmental problems. India has the dual problem that while providing clean, reliable and affordable energy services for continued economic growth to those with access, it has the obligation to provide similar services to hundreds of millions currently unserved. In order to sustain its current economic growth rate, India has to increase its electricity production capacity by 10,000 MW every year. In order for this to be socially sustainable, the production of energy has to pay increasing attention to adverse social impacts (e.g. displacement, resettlement and rehabilitation of people) and to be environmentally sustainable, to the adverse environmental impacts, which at the global scale include climate change, air and water pollution at the regional scale, and land degradation at the local level. To maintain reliability, the security of supplies has to be ensured. The objective of the Programme is to recommend and help facilitate implementation of policies that not only mitigate adverse environmental impacts but are also aligned with the complementary goals of energy security, geopolitical risk reduction, and equitable development of society.

Ms Indu Capoor  
 Director, Centre for Health Education, Training and  
 Nutrition Awareness (CHETNA)  
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#### Profile:

Ms Indu Capoor is a Nutritionist and Founder Director-Centre for Health Education, Training and Nutrition Awareness (CHETNA) whose activities were initiated in 1980. Development of CHETNA as a model support and advocacy organization has been her significant contribution over three decades.

Since 2013 she has taken up the responsibility as **Director-CHETNA Outreach(O)** whose **Mission** is to systematically upscale and mainstream evidence based models, promising practices and strategies and collectively advocate for gender sensitive, comprehensive nutrition, health and education programmes and policies

Her KEY AREAS OF EXPERTISE include

- ✓ Innovative Management and Institution Building: **Creating and Communicating a Vision and Assisting in converting ideas into reality**
- ✓ People Management: **Building capacities of individuals and organizations, Mentoring and Social Mobilization**
- ✓ Networking and Communication: **Building networks of individuals and organizations. Assisting people and organizations develop through networking**
- ✓ Advocacy, Lobbying and Creative resourcing

**Indu Capoor is a Salzburg Fellow, The Independent Sector: Looking at the Past, Building the Future-February 1999 and a Ashoka Fellow: Associate Member, Ashoka Innovators for the Public, Washington,U.S.A- 1994 onwards**

**Starting her career as Project Officer, Vikram A. Sarabhai Community Science Centre, an activity of Nehru Foundation for Development, Ahmedabad in the year 1980, she implemented the Integrated Nutrition & Health Action Program (INHAP) in 100 villages all over Gujarat to assess and improve the Supplementary Nutrition Program of the Government of Gujarat and CARE, trained functionaries of Maternal & Child Health Programs which served as an impetus for setting up CHETNA.**

**As the Founder - Director, CHETNA, She has been instrumental in developing a unique support organisation of national importance and international reput in the capacity of its Chief Executive Officer (CEO).**

- ✓ Developed a team of dedicated individuals and a "learning" organisation, inculcated a high degree of professionalism with human values and ethical standards.

Foods and Nutrition Department, Baroda.

**Young Innovative Manager Award** in 1993, by The Indian Institute of Management, IIM, Ahmedabad

**Best Social Worker** in 1990, by Rotary Club International

**Weikfield Trophy for the Best Student in Foods & Nutrition** in 1977 Delhi University

Ms Capoor has also been invited to conduct evaluations of development programmes from prestigious National and International organisations.

Ms Capoor has conducted and contributed as a resource in about 2000 workshops, trainings and seminars for government and non-government health, education and development functionaries. She has presented papers at several national and international forums, which have been widely published

#### Organisation Profile:

CHETNA\* meaning "awareness" in several Indian languages and an acronym for Centre for Health Education, Training and Nutrition Awareness, is a non-government support organisation based in Ahmedabad, Gujarat. CHETNA is an activity of the Nehru Foundation for Development, which is a public charitable trust, registered under the Bombay Public Trust Act 1950.

CHETNA supports Government and Non-Government Organisations (GO and NGOs) through building the management capacities of educationists /health practitioners/supervisors/ managers enabling them to implement their programmes related to children, young people and women from a holistic and gender perspective and advocate for people centred policies. Our core activities are capacity building, forging partnership at local, regional and national level. CHETNA also does advocacy, development and dissemination of materials.

CHETNA also worked for the elderly population by taking up an action research project titled "To Assess, Understand and Improve the Status of Ageing Women."

CHETNA develops need-based training and education materials, which are widely disseminated at the state, national and international levels.

- ✓ Built linkages with various organisations and networks.
- ✓ Developed a comprehensive, holistic, multi-sectoral approach to issues of health.
- ✓ Successfully advocated for a lifecycle approach to

**Outstanding Alumnus Achievement Award in 1999, by health.**

- ✓ Pioneered an approach for Children's Participation entitled "**Children in Charge for Change**".
- ✓ Has contributed in various policy and programme documents related to the health of children, adolescents and young people and women.

## **RECOGNITION AND AWARDS RECEIVED**

**Ms. Indu Capoor was the member of the Steering Committee on Women's Agency and Child Rights for planning for the 12<sup>th</sup> Five Year Plan of India**

*She is also a Founding Co- chair of the White Ribbon Alliance, India*

*She initiated the concept of Women and Health (WAH) Approach in India. CHETNA was the Secretariat of WAH for five years*

**CHETNA is the Secretariat of The National Youth Alliance which is a partnership of NGOs working on issues of young people since 2006**

**Advocacy** of Ms. Indu Capoor bore fruit when her suggestions for **strengthening the Early Childhood Education (ECE) Policy to a more comprehensive Early Childhood Care Education and Development (ECCED) policy** was accepted by the Ministry of Women and child Development, Government of India during planning to announce the ECE policy (September 2013)

**Ms Capoor has been Felicitated for her contribution towards Female Literacy and**

**Women's Empowerment** by The Achala Education Foundation, Ahmedabad along with

Indian Adult Education Association, Gujarat Branch, during 2009. **Selected as a Global**

**Leader** representing India by the World Forum Foundation, US. During June 2009, she made a presentation on Early Childhood Care in India at the World Forum on Early Childhood Care and Education at Belfast, in Northern Ireland, United Kingdom.

CHETNA's Information and Documentation Centre (IDC) is a rich source of information for the needs of individuals, organisations, academicians, researchers and students working on health, education and development concerns.

women's health.

- ✓ Highlighted the integral nature of gender issues in

CHETNA has been identified as a Regional Resource Centre (RRC) for Gujarat State and the Union Territories of Daman, Diu and Dadra Nagar Haveli to provide technical assistance to NGOs to improve RCH, facilitate GO-NGO partnership, document and disseminate successful approaches and provide inputs to GoI to ensure effective implementation of policies.

### **Vision**

CHETNA envisions an equitable society where disadvantaged people are empowered to live creative fulfilling and healthy lives.

### **Mission**

CHETNA contributes towards empowering children young people and women especially from marginalized social groups to take control of their own their families' and communities' health.

### **Approach**

CHETNA's approach to health embraces the life cycle of gender equity and human rights within the wide cultural economic and political.

### **Impact:**

Women are now taking control of their own health, delaying marriage, and when possible delaying first birth. Furthermore, CHETNA has been garnering the trust of local women because they are able to share information on nutrition and their bodies that not even the local doctors know. Additionally, the research conducted by the organisation has become the basis of their advocacy. April 11th has now been declared as Safe Motherhood Day. Hopefully this will help to bring awareness to the fact that so many mothers, especially in rural areas die to childbirth which can be avoided with some awareness about the issue. CHETNA has received recognition and several awards at the state, national and international levels, particularly the South Asian region.



Prof Indira J. Parekh  
Founder President, Foundation for Liberal And Management  
Education FLAME,  
401, Phoenix Complex, Bund Garden Road, Opp. Residency  
Club, Pune - 411001, Maharashtra, India



#### **Profile:**

For more than three decades, Prof. Indira Parikh was a faculty member with IIM-A and as a Dean from 2002 to 2005. She has been visiting faculty at INSEAD, Fontainebleau (France) and Texas A&M University. She holds specialization in organization development and its design, and institution building. She was consultant and offered her intellectual knowledge to numerous national and international organizations operating in private and public sphere.

#### **Achievements:**

Prof. Indira Parikh has received three life time achievement awards, World HRD Congress held in 2001 at Mumbai honored her Lifetime Achievement Award for Best Teacher in Management. Indira Group of Institute, Pune organized 2nd Regional HR Conference, Pune honored her Lifetime Achievement Award in 2003.

PGP Students Indian Institute of Management, Ahmedabad (2003-05 batch) honored her with Life Time Achievement Award.

#### **Organisation Profile:**

Two Philanthropist Mr. Nemish Shah and Mr. Parag Shah with a desire to offer something back to the society decided to create an educational Institute named FLAME (Foundation for Liberal And Management Education). It was established in 2004.

Dr. B.V. Doshi, along with Prof. Indira J. Parikh, Founder President, FLAME and former Dean, IIM-Ahmedabad, later joined the effort to create FLAME which pioneered in Liberal Education. FLAME aims to deliver experiential learning; the professionalism, collaboration, appreciation of leadership, ability to work hard, take rational decisions, and develop high thinking and sensitization to social needs are its key components

#### **Impact:**

They have played a pioneering role in designing education system that has served the needs of diverse sectors of the society.

Mr. Jaydeep Mandal  
Founder & MD, Aakar Innovation Pvt. Ltd.  
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#### **Profile:**

An extremely passionate innovator & engineer, Jaydeep created Aakar Innovations to create sustainable change in rural India by promoting better adoption of grassroots innovations.

#### **Organisation Profile:**

Aakar's vision is to create awareness about and access to affordable, high quality, environmental friendly menstrual hygiene products thereby empowering women and girls to make informed choices and enabling them to take charge of their own socio-economic development.

Aakar Innovations's mission is to provide commercially viable solutions for production, distribution, marketing and sales of affordable and environmentally friendly sanitary pads by local entrepreneurs in areas where these products would otherwise not be available.

Aakar Social Ventures mission is to support awareness raising regarding sanitation and hygiene with a specific focus on menstrual hygiene in order to empower the last mile consumers and enable them to make informed choices. Aakar Social Ventures also provides entrepreneur and business skills training to Village Level Entrepreneurs to enforce and sustain livelihood opportunities

#### **Impact of Work:**

They have set-up 12 units since Oct 2013 in Maharashtra, Gujarat, Bihar, Karnataka, Rajasthan, Delhi-NCR where each production units employs 10-12 village women in production & 15-20 engage in sales of napkins. Each units serves 3-5,000 village girls & women affordable high quality sanitary napkins at their doorstep who otherwise doesn't have access to these products. We are the only company in India & 2nd company Globally to produce ~100% compostable napkins which solves the environment threatening disposal issues of napkins.

Dr. Jyoti Chandiramani  
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Symbiosis International University  
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**Profile:**

*Dr. Jyoti has done masters in Economics from Mumbai University, Diploma in Higher Education from Pune University and PhD from Pune University. She has more than 26 years of experience teaching Monetary Economics, Microeconomics, Managerial Economics, Macroeconomics, International Economics, and Indian Banking System. She is Director, Symbiosis School of Economics and has served as Dean faculty of humanities and social sciences and as Head of Department of Economics.*

**Impact:**

*The SSE Graduate are practical professionals, capable decision and policy makers and at the same time sensitive human beings. Their symposia, lectures, research enrich the knowledge of students and the scholars.*

**Organisation Profile:**

*For over four decades, Symbiosis University's contributing in the field of education and has started various academic courses ranging from engineering to management. School of Economics was established in the year 2008 offering undergraduate and post graduate degree in Economics, Diploma in Public Policy and Governance and other certificate courses. The philosophy of the school is open door approach, open feedback and constructive criticism laying a foundation for ideal learning experience.*



Ms. Jyotsna Sitling, IFS  
 CEO-Uttarakhand CAMPA/ Chief Conservator of Forests,  
 Uttarakhand Compensatory Forestry Fund Management and  
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## Profile

Ms. Sitling's unfailing works on eco-restoration with community involvement started as DFO Pauri Garhwal in 1993. This was further strengthened in the ecologically fragile Doon Valley from 1995 as Deputy Project Director of Doon Valley Watershed Project. Apart from doing what was her normal part of duty, Ms Sitling launched a movement "Dala Lagawa Gaon Tai Bachhava (1997-2001)" (Let us green our village to save it) with the local community of 82 revenue villages from 1997-2001. This reclaimed 358 strategic erosion prone locations near their villages (approx 212 ha area) through 'Shramdan' with 0.36 million endemic plants contributed and planted by the 11000 villagers without any direct Government fund.

Her pioneering works in NDBR (2002-04) led to framing of first ever environment friendly Mountaineering Guideline of a state in India and evolution of sustainable model on community managed environmentally responsible mass tourism (4 to 5 lakh pilgrims) in India in a difficult area like Valley of Flowers National Park (VoFNP) – Hemkund Shrine (14500 msl). Here she again mobilized the local community of Bhyundar Ganga Catchment to collect 50 tonnes of plastic waste from inaccessible Hemkund area in 2002&2003 and set a sustainable system of recycling them under public-private-community partnership. This grassroots initiative gave VoFNP a new global value for the nation when it was included in the World Natural Heritage by UNESCO in July 2005 after due verification of community led conservation works initiated under her leadership by the IUCN in 2004.

As Project Director of IFAD funded livelihood project, ULIPH (2004-09 and 2011-13), her social mobilization and introduction of value chain approach into identified rural products and services development with 43,000 vulnerable households led to empower them economically with business turnover of Rs.4.51 crores by 72 socially organised business federations of vulnerable groups while leveraging additional investment of Rs.16.15 crores (102%) from financial institutions, convergence and equity participation of the community respectively against the project investment cost of Rs. 15.91 crores (100%) during the year 2012-13. This was an overall systemic improvement in moving away from subsidy driven approach to poverty alleviation of the vulnerable to a market led economic empowerment model led by building transaction governance capacity of the stakeholder community. This model has brought vital learning for State Rural Livelihood Mission.

## Organization Profile:

The CAMPA authority is established to Promote:

- ✓ Conservation, protection, regeneration and management of existing natural forests;
- ✓ Conservation, protection and management of wildlife and its habitat within and outside protected areas including the consolidation of the protected areas;
- ✓ Compensatory afforestation;
- ✓ Environmental services, which include:-
  - ✓ Provision of goods such as wood, non-timber forest products, fuel, fodder and water, and provision of services such as grazing, tourism, wildlife protection and life support;
  - ✓ Regulating services such as climate regulation, disease control, flood moderation, detoxification, carbon sequestration and health of soils, air and water regimes;
  - ✓ Non-material benefits obtained from ecosystems, spiritual, recreational, aesthetic, inspirational, educational and symbolic; and
  - ✓ Supporting such other services necessary for the production of ecosystem services, biodiversity, nutrient cycling and primary production.
- ✓ Environment Protection and Sustainable Forest Management.

## Impact of Work:

The initiative "Dala Lagawa Gaon Tai Bachhava (1997-2001)" (Let us green our village to save it) with the local community of 82 revenue villages from 1997-2001 reclaimed 358 strategic erosion prone locations near their villages (approx 212 ha area) through 'Shramdan' with 0.36 million endemic plants contributed and planted by the 11000 villagers without any direct Government fund.

The grassroots initiative of community managed responsible mass tourism gave Valley of Flowers National Park (VoFNP) a new global value for the nation as it was included in the World Natural Heritage by UNESCO in July 2005 after due verification of community led conservation works initiated by the IUCN in 2004.

Uttarakhand Livelihoods Improvement Project for the Himalayas (ULIPH) project (2004-09 and 2011-13) brought systemic improvement in moving away from subsidy driven approach to poverty alleviation of the vulnerable to a market led economic empowerment model led by building transaction governance capacity of the stakeholder community. This model has brought vital learning for State Rural Livelihood Mission.

Mr. K. L. Gupta  
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#### **Organisation Profile:**

**The National Institute of Open Schooling (NIOS)** started in late 1989, an autonomous by the Ministry of Human Resource Development (MHRD), Government of India organisation in pursuance of National Policy on Education 1986. NIOS offers several Vocational, General and Academic Courses at Secondary and Senior Secondary level. NIOS is an "Open School" that caters the needs of diverse group of learners upto +2 level. In 1986, the National Policy on Education as an independent system extended open learning facilities all over the country with its own curriculum and examination leading to certification.

The National Institute of Open Schooling (NIOS) offers Courses/Programmes like Open Basic Education (OBE) Programme for 14+ years age group, adolescents and adults at A, B and C levels that are equivalent to classes III, V and VIII of the formal school system, Secondary Education Course, Senior Secondary Education Course, Vocational Education Courses/Programmes, Life Enrichment Programmes.

(<http://www.nios.ac.in/about-us/profile.aspx>)

#### **Impact:**

In 2012, Times of India along with J P Morgan awarded **National Institute of Open Schooling (NIOS) Social Impact Award** in the Education segment under Govt. Category. in recognition of classic work done by institutions making an impact in the society by imparting education including vocational skill to millions of out of school learners.

Dr. K. Narayana Gowda  
Former Vice Chancellor, University of Agricultural Sciences,  
Bengaluru.  
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#### **Profile:**

Dr. K. Narayana Gowda obtained his Bachelor's, Master's and Ph.D. degree from the University of Agricultural Sciences (UAS), Bangalore with gold medal.

He had served in various positions; as Vice-Chancellor to UAS, Dean (Agriculture), UAS, GKVK campus; Professor & Head, Department of Agricultural Extension; Project Coordinator, Rural Bio-Resource Complex and Extension Coordinator and Extension Education Unit, Bangalore. Dr. Gowda has served in all the fields of Teaching, Research and Extension in majority of Southern districts of Karnataka.

He has published more than 124 research papers (including books) in reputed national and international journals. He is also serving as Selection Committee Member in various SAUs, ASRB, ICAR Institutes, Nationalized Banks, Commodity Boards and NGOs. He is an important member in the committees of GOI and GOK mainly as Coordinator of RBCs at DBT, Member of Karnataka Knowledge Commission (KKC) and also in ten other National and International professional bodies. Recently, he has been elected as Vice-President of Indian Society of Extension Education New Delhi for the southern zone.

His major contributions include implementation of Whole Village Development Programme, introduction of pure crop of Banana in Malnad area, Introduced Redgram as an intercrop in the Potato belt of Hassan and evolved model for Rural Agricultural Work Experience (RAWE) programme, besides a scale to measure people's participation. The model evolved under Rural Bio-Resource Complex (RBC) project is being replicated in North Eastern States of the country. Recently the Government of Karnataka is contemplating to replicate the model in 29 KVKs of Karnataka.

The Expert Centre established at GKVK under his guidance in collaboration with ISRO is reaching farmers and farmwomen across the State every week through 51 Village Resources Centres and now GOK is planning to replicate in all the 746 Raitha Samparka Kendras in Karnataka.

He is constantly endeavoring to develop models to rebuild the confidence of farmers in farming and in fine tuning Agriculture Teaching, Research and Extension.

Mr. Kamal Taori  
Chairman, Rural Business Hub Foundation, India  
Wardha, Maharashtra



#### **Profile:**

Mr. Kamal Taori holds B. Com, MA, LLB, Economics and DDA. He believes in marketing the unmarketed matters and later on it became his passion. He is writer and has 40 books on holistic development to his credit.

He is Chairman, Rural Business Hub Foundation, India and was sub divisional officer to Secretary to Govt. of India. Since the last five years, he is an active member of International Institute for Holistic Research and Voluntary Action Germany; he is member of many national and international bodies. He is writing, networking and looking for successful models. His philosophy of life is to network around the world to churn ideas to solve development issues that leads to happiness.

#### **Organisation Profile:**

The organization works on developmental activities that bring holistic development and churn out the best in the people and the nature. It is Grantless organization, offering training and consultancy for all the stake holders. It networks with several individuals and organization to fights for the right policy.

#### **Impact:**

Ms. Kavita Vemuri  
Senior Research Scientist, International Institute of  
Information Technology, Hyderabad  
Gachibowli, Hyderabad 500 032  
Phone: (91) (40) 6653 1000  
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**Profile:**

Ms. Kavita has interest in innovation & Entrepreneurship, , game design & engineering, Fiber Optic & Liquid crystal devices for Optical communications and Sensors, Control systems, Cognitive neuroscience of empathy.

**Organisation Profile:**

In 1998, International Institute of Information Technology, Hyderabad (IIIT-H) an autonomous university came into existence. It is governed by eminent people from academia, industry and government. IIIT-H was established as a research university concentrating on the main areas of Information Technology, such as Computer Science, Electronics and Communications, and its applications in other spheres.

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**Impact:**

The institute evolved strong research programmes in varied spheres of life, with computation or IT providing the connecting thread, and with an emphasis on the development of technology and applications, which can be transferred for use to industry and society. This required carrying out basic research that could be used to solve real life problems. As a result, a synergistic relationship has come to exist at the Institute between basic and applied research. Faculty carries out a number of academic industrial projects and a few companies have been incubated based on the research done at the Institute.

Mr. Khushroo Poacha  
Founder, Indian Blood Donors,  
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Maharashtra, India  
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**Profile:**

Khushroo Poacha, was working with the Indian Railways, as an office superintendent when the concern over availability of blood stuck him. Unlike many who would wait for others to find a solution, he went ahead to create a simple yet a very effective answer; <http://www.indianblooddonors.com/>, a portal of Indian blood donors which helps patient to find volunteers blood donors. Financial crunches and crises did not deter him in his endeavor. The companies who offer their facilities for free are net4india (web hosting company), awaaz.de (IVR partner) and innoz.in (SMS service provider).

**Organisation Profile:**

In 2000, Indian Blood Donor (IBD) initiative was created as a service helpline for people in need of blood for various healthcare services.

IBD has an online register of blood donors and has put a system where a blood donor can register their personal contact. Details are given on its website, i.e., <http://www.indianblooddonors.com/>. Later a component of SMS was integrated to increase their reach. Concern for accessibility and feasibility of reaching people makes IBD search for newer ways of effective communication.

**Impact:**

In about a decade, IBD has by generated a database of over 50,000 donors. It reflects the desire of a single human being in creating a difference in the world. IBD has revolutionized atleast one component of healthcare service where patients can get blood for timely treatment by just sending a SMS to find a donor. It has identified donors who voluntarily offer to donate blood for a noble cause.



Mr. Kiran Kulkarni  
 Director, Janwani,  
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 Website: <http://janwani.org/site/>



### Profile:

An officer from State Civil Services 1994 batch is currently working as Director Janwani, a social initiative of MCCIA, Pune. His prior postings consisted of Deputy Commissioner, Resident Deputy Collector and Sub Divisional Officer in Vidarbha region. He is known for experiments in citizen centric governance during the tenure. He also served in YASHADA as Additional Director of RTI Cell and was National Resource Person for RTI to conduct training programs in 25 states across the country. During his tenure at Aurangabad, he was Executive Director of Maharashtra Centre for Entrepreneurship Development, an autonomous body established by Department of Industries, GoM. As Chief Editor of Udyojak Magazine, he made it quality rich and commercially successful.

He has a bright educational background with post graduate degrees in Commerce, Sociology and law. He has presented Doctoral thesis in Development Economics which relates to Forest related laws and Tribal Resettlement process. He got nomination by Department of Personnel and Training, Gol for the Course on Training Methods at Bangkok.

### Organisation Profile:

Janwani, an initiative of MCCIA (Maharatta Chamber of Commerce, Industries and Agriculture) was established in 2006 for advocating and promoting equitable and sustainable development of Pune region. The underlying philosophy for this initiative is that the region will not be an attractive destination unless it is truly a "livable city". Janwani endeavors to take a comprehensive view of city development, by identifying gaps in the development process, deciding priority areas and also providing well researched, tangible solutions. Since its inception, Janwani's activities have gathered momentum attracting more and more human resources for creating efficient systems for effective urban management.

Janwani's focus areas of work include Heritage, Traffic and Transportation, City Structure, Environment, Governance and Energy. Participatory Budgeting, Heritage Walk, Heritage Week, Zero Garbage Ward project, Local Area Planning Project are some of the signature initiatives of Janwani.

More information about Janwani can be found at [www.janwani.org](http://www.janwani.org)

### Impact of Work:

#### 1. Focus Area- Environment

Properties covered - 11,500 & Population covered - 45,000

Before	After
Community waste containers- 24	Community waste containers- 4
Segregation by citizens- 0%	Segregation by citizens- 70%
Door-to-door collection- 30%	Door-to-door collection- 90%
20 waste pickers	Streamlining door to door waste collection by 45 waste pickers
Lack of wet-waste processing plant	Biogas plant of 5 TPD in operation
Approximately 10 tons of waste per day to landfill	Less than 2 tons of waste per day to landfill

Encouraged by the success of the Pilot Project, the project is being replicated in 20 other Prabhags in the city.

#### Status of 11 Prabhags since January 2013

Before	After
Community waste containers- 144	Community waste containers- 50
Segregation by citizens- 22%	Segregation by citizens- 73%
Door-to-door collection- 45%	Door-to-door collection- 88%

#### Status of 9 Prabhags since January 2014

Before	After
Community waste containers- 135	Community waste containers- 76
Segregation by citizens- 33%	Segregation by citizens- 58%
Door-to-door collection- 50%	Door-to-door collection- 73%

**Focus Area: Heritage****National Award winning 'Pune Heritage Walk' -**

- ✓ Started on 16<sup>th</sup> October, 2012. Won the National award on 19<sup>th</sup> February, 2014.
- ✓ 18 sites covered, trained expert guides, 2000+ participants.
- ✓ Cultural programs and local artisans.
- ✓ The only continuing commercially viable activity related to heritage in Pune.

**Focus Area: Governance**

- ✓ PMC and PCMC Budget Analysis Booklet
  - Simplified analysis of the PMC and PCMC Budget since past three years.
  - It has helped citizens and elected representatives to better understand the budget and various cost centers.
- ✓ Budget Analysis (2014-15)
  - Process mapping of PMC Budget.
  - Demystifying PMC Budget Codes.
  - Analysing the PMC Budget according to Accounts head and purpose (last five year's trend analysis)
  - Status report of centrally sponsored schemes.
  - Status report of budgeting for Poor, Women and Economically weaker sections.

**Publications**

- ✓ Simplified PMC & PCMC budget booklets  
Since 2007 Janwani has been working towards making people aware about Participatory Budgeting and facilitating the participation process through various means.
- ✓ Paper on 'Comparative analysis of Participatory Budgeting process in Pune & Berlin' in collaboration with researchers from Pune, Berlin and Brazil.
- ✓ English and Hindi versions of PCMC's Marathi guidebook- SARATHI PCMC.
- ✓ 'Women Friendly Pune' Handbook - Marathi and English versions.
- ✓ Marathi book on PCMC's e-Governance
- ✓ Gender Budgeting
- ✓ Outcome Budgeting
- ✓ Prabhag briefs for Pune (76 prabhags under PMC)



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#### **Profile:**

Krishna N Ganesh has done his graduation and postgraduation in science from Bangalore University and Ph.D. in Chemistry from Delhi University. He received commonwealth fellowship to pursue second Ph.D. from University of Cambridge.

In 1981, he joined centre for cellular and molecular biology, Hyderabad and setup micorsynthesis facility for oligonucleotide synthesis and initiated a research programme to study new motifs of DNA-protein interactions.

He later joined National Chemical Laboratory (NCL), Pune and served till 2006, and was instrumental in setting up Bioorganic Chemistry research group. He served for 19 years at NCL and started school of research in therapeutic and diagnostic applications of oligonucleotide analogues. He has published about 150 research papers in reputed journals.

Dr Ganesh served in his capacity on membership of national committees such as Programme Advisory Committee (Organic Chemistry), Committee for Funds for Infrastructure Development in Science and Technology, New Delhi; Thrust Area Programme in Basic Biology and Scientific Advisory Committee on Resource-specific network programme Department of Biotechnology, New Delhi (2005-); Member Indian Advisory Committee, Lady Tata Memorial Fellowship, Mumbai. Editorial Committee of Proceedings - Indian Academy of Sciences, Indian Journal of Chemistry, CSIR, New Delhi; Member, Expert committee, DST initiative on Nanoscience and Technology (2005)

Dr Ganesh is awarded the prestigious Shanti Swarup Bhatnagar Prize (highest scientific recognition in India for scientists below 45 yrs) in Chemical Sciences (1998), Millennium Medal of Indian Science Congress (2000) and Silver medal of Chemical Research Society of India (2004), TWAS Prize in Chemical Sciences (2006). He is a Fellow of Indian Academy of Sciences, Bangalore, Indian National Science Academy, New Delhi and National Academy of Sciences, Allahabad and Fellow of Academy of Sciences for Developing World (TWAS) and JC Bose National Fellowship, Department of Science & Technology, New Delhi

#### **Organisation Profile:**

The Indian Institute of Science Education and Research (IISER), Pune founded in 2006 is dedicated in research and training in the basic sciences. IISER would like to be pioneered science university with focus on integrated approach of teaching and research by nurturing with creativity and curiosity.

The institute is focused on learning, teaching and serving the society by achieving excellence in research and human service and also to create a environment of integrity, fairness, self-respect and professionalism and encourage environmental responsibility

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#### **Profile:**

Dr. Kumar M. Iyer is a B. Tech in Metallurgy from the Indian Institute of Technology, Mumbai and was awarded the Walchand Hirachand Gold Medal for being the Best student of Metallurgy/Foundry Engineering, All India, for the year 1986, by the Institute of Indian Foundrymen and has Ph.D. in Process Metallurgy from the University of Utah, Salt Lake City, USA.

Dr. Kumar M. Iyer has over 23 years in the steel industry in the areas of Projects, Operations, Customer Support, Application Engineering, Training and Tool Engineering. He has short stint with Uddeholm Tooling AB, Sweden, and was responsible for evoking the social and environmental responsibility and an appreciation for holistic and inclusive development for a sustainable future. He is Associate Vice President (Innovation) with the JSW Foundation with the Innovation Initiative of the Group to promote Social intervention and awaken the social responsibility which is latent within the organisation. He has traveled a lot in India and abroad and Presented over 50 presentation on various aspects of Steel making and Steel Utilisation in Industry and in the field of Cryogenic Processing of materials to improve reliability and enhance their mechanical properties.

#### **Organisation Profile:**

JSW Foundation administers the social development initiatives of the JSW Group. Ms. Sangita Jindal is the Chairperson of the foundation. It is an independent institution and is governed by a board of trustees drawn from the senior management of the JSW Group of companies. The foundation undertakes activities in the areas of Education, Health, Livelihood and Empowerment, Sports, Environment & Arts, Culture & Heritage.

Some of the initiatives undertaken by the foundation include:

1. Akshay Patra mid-day meal scheme in the schools of Bellary, Hospet & Sandur districts under which over 134,000 children are covered.
2. Knowledge sharing and watershed projects on a pilot basis in 4 villages around the Steel Plant at Vijayanagar in collaboration with the Govt. of Karnataka & ICRISAT.
3. Rural health initiative by providing Sanitary Napkins to improve the hygiene of rural women. OPJ Centre of the JSW Foundation supplies these napkins at a subsidized rate to several NGO's and other organisations which are active in the areas of women's health and sanitation.
4. Self Help groups and micro funding opportunities to local women to set up their own entrepreneurial ventures and to enhance women empowerment.

Dr. L. H. Manjunath  
Executive Director,  
Shri Kshethra Dharmasthala Rural Development Project,  
Phone: 08256-277215



#### **Profile:**

Dr. L H Manjunath has experience in banking, new enterprise development, women welfare and development sector. Dr. Manjunath is with Shri Kshethra Dharmasthala Rural Development Project (SKDRDP) since 2001 and looks after the Microfinance and Micro insurance programme. He is instrumental in conceptualising the SGSY Project by offering livelihoods to the beedi rolling women of Dakshina Kannada District in Karnataka. He was Managing Director with Sri Dharmasthala Siri Gramodyoga Samsthe promoted by Swarnjayanti Gram Swarozgar Yojana (SGSY) Special Project and Executive Director of SKDRDP its parent organization. He is on the Executive Committee of the Khadi and Village Industries Commission KVIC constituted on SHGs and Trustee of Info Asia Network.

#### **Organisation Profile:**

Shri Kshethra Dharmasthala Rural Development Project, (SKDRDP), is a charitable trust promoted by Dr. D. Veerendra Heggade. SKDRDP has network throughout the state of Karnataka and focuses on the women empowerment in rural region offering institutional support and micro credit. It is also engaged in developmental activities thereby enriching rural lives. It is also actively involved in urban development as well as Coastal Environment Management Project.

**Impact:** HSBC awarded the Microfinance India Award 2010 to SKDRDP for its outstanding working in the field of micro finance.

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**Profile:**

Anchoring the Centre for Facilitating Philanthropy which is primarily responsible for resource mobilization for the institution. Also is responsible to organize events such as Walkathon for a cause, Policy Seminars and important milestone events for Dhan Collective. Also is the mentor for Kalanjiam Community Banking operations in the state of Maharashtra in performance parameters.

**Organization Profile:**

DHAN Foundation is a professional development organization engaged addressing multiple dimensions of poverty through multi faceted thematic interventions in different context - rural, tribal, urban and coastal. It is reaching more than a million families across 13 states in India through community based field programs such as (i) community banking programme (microfinance) through self-help groups and their federations and (ii) tank-fed agriculture development programme for rebuilding small-scale reservoirs spread across the countryside. DHAN is also working intensively on making rainfed agriculture more remunerative; information technology serve the poor; and democratizing Panchayats (local governance) through local action. DHAN works in collaboration with mainstream government, Commercial Banks, Insurance Companies and business organizations.

**Impact of Work:**

DHAN is a pioneer in shaping SHG centered microfinance movement in India. Its community banking programme has been able to impact the livelihoods of over 900,000 poor women. The SHGs have provided space for the women to save Rs. 3,658 million and mobilize credit worth of Rs. 20,773 million for enhancing their livelihoods and poverty reduction. All the poor families have been provided life and health insurance under micro insurance programmes to the tune of Rs.37 Billion worth of risk cover.

Mr. M. P. Vasimalai  
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### **Profile:**

Mr. M.P. Vasimalai hails from a farming community and had his post-graduation in Agriculture (Agronomy) from Tamil Nadu Agricultural University (TNAU). After a brief period of Government service in agricultural extension, he joined TNAU as a water management researcher for two years. Further he had his post-graduation on management at Indian Institute of Management, Ahmedabad.

Three decades of experience in development work: Builder of PRADAN from the beginning (1983); former Executive Director of PRADAN (1992-1997); founded DHAN Foundation; initiated many development themes and projects including Kalanjiam and Vayalagam; Executive Director of DHAN Foundation at present; one of the founders of INAFI (International Network for Alternate Financial Institution), member of NGO Boards, policy bodies of state and central government and its institutions.

He is National level coordination committee member of SGSY (Poverty Alleviation programme), Chair of INAFI(India), Chair of INAFI (ASIA) and Treasurer of INAFI (International), Member, Advisory Board of NABARD-MF Equity and Development Fund, Member of working group on Management of Natural Resources & Rain fed Farming for 12th Five Year Plan for Union Planning Commission and Member of Rural Development and Poverty Alleviation, Irrigation and Soil and water conservation for 12th Five Year plan of Tamil Nadu State

He is providing strategic consulting support to many development organisations working on various themes and is currently involved in Institution Building of development and people institutions, program advancement, strategic planning and implementation, policy formulation and intervention, nurturing development professionals, building civic society and networking at national and international level.

### **Organisation Profile:**

DHAN is a new breed of Development NGO that nurtures professionalism in development work. Poverty is a dynamic and complex problem, which needs professional intervention with passion. Driven by the philosophy of "Giving Back to the society", DHAN continues to attract, groom and engage highly qualified and socially concerned young professionals to work at the grassroots for making meaningful changes in the lives of the poor families.

DHAN's works are spread over 16,000 villages in 66 Districts of 12 Indian States including Tamil Nadu, Andhra Pradesh, Karnataka, Kerala, Orissa, Madhya Pradesh, Rajasthan, Maharashtra, Jharkhand, Assam, Bihar and Union Territory of Pondicherry. Through the above said development programmes, over 1.25 million poor families have been organised into 50,000 primary groups of poor women, small and marginal farmers, landless laborer, fisher folk, and other disadvantaged sections of the society.

The widely recognized water conservation and development programme of DHAN has helped small and marginal farmers to rehabilitate over 2000 traditional irrigation reservoirs and 61 watersheds. To take up these works, they have mobilised Rs. 275 million from government, private organisations and individual philanthropies, and shared their own contribution of Rs. 70 million as cash and labour. It has resulted in securing water and improvements in soil moisture regimes of 159,000 hectares of lands.

DHAN is consulted by the state and central governments for reflecting on their policies in the fields of water conservation, microfinance and livelihoods. DHAN has bagged 'India NGO Award 2009' sponsored by the Rockefeller Foundation, and 'Jindal Prize 2011' for its services to humanity through its poverty reduction efforts. In 2012, AGFUND International Prize for 2012 has been awarded to DHAN for its works on food security and water conservation.

### **Impact:**

DHAN is a pioneer in shaping SHG centered microfinance movement in India. Its community banking programme has been able to impact the livelihoods of over 900,000 poor women. The SHGs have provided space for the women to save Rs. 3,658 million and mobilize credit worth of Rs. 20,773 million for enhancing their livelihoods and poverty reduction. All the poor families have been provided life and health insurance under micro insurance programmes to the tune of Rs.37 Billion worth of risk cover.



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#### **Profile:**

Madhav Gajanan Deo earned his MBBS degree from Agra University (Gajra Raja Medical College, Gwalior) in 1955. Later he joined the All India Institute of Medical Science (AIIMS) where he obtained both MD (Pathology) and PhD under the supervision of the late Professor V Ramalingawami. He was a Professor of Pathology at the AIIMS (1974-78); Director, Cancer Research Institute (1978-95); Director, Research & Chief of Laboratories Jaslok Hospital (1997-98) and Director, SSR Centre for Medical Studies and Research, University of Mauritius (1998-2000). He was a Rockefeller Foundation Fellow, Visiting Professor at the University of Paris VII and a Fogarty Scholar in Residence at the National Institute of Health, Bethesda, USA. He is an Emeritus Professor (Life time) of National Academy of Medical Sciences.

Dr. Deo has established along with other scientists, the Indian Association of Cancer Research of which he was the Founder President. He has played a very crucial role in the establishment of the Moving Academy of Medicine and Biomedicine, and also developed a novel strategy of mobile workshops that take new and fast expanding frontiers knowledge to the students' doorsteps. He organized national medical students' research conferences for promoting research culture in young medicos, which, has now resulted in the establishment of the Indian Forum for Medical Students' Research (INFORMER) under his guidance. He has been an Advisor to a number of national and international organizations.

Dr Deo is a recipient of several prestigious awards, which include Amrut Mody Research Foundation Award (1972); BC Guha Lecture Award of INSA (1978); Basanti Devi Amir Chand Oration Award of ICMR (1980); Silver Jubilee Oration Award, AIIMS

(1987); Om Prakash Bhasin Award (1988); Platinum Jubilee Lecture Award of Indian Science Congress Association (1988); Silver Jubilee Research Award of Medical Council of India (1989); Padma Shri Award by Government of India (1990); Rameshwardas Birla National Award (1992); Jawaharlal Nehru Birth Centenary Visiting Fellowship Award of INSA (1993) and Life Time Achievement Award by Association of Pathologist of Indian of North America, USA (2008). Besides, he is a Fellow of all prestigious National Science and Medical Academies.

#### **Organisation Profile:**

Moving Academy of Medicine and Biomedicine has developed outreach program of Mobile workshops on current topics that takes new knowledge to students' doorsteps to close the gap of research and nurture talent of the academy.

Likewise to promote research culture the Moving Academy of Medicine and Biomedicine (MAMB) has developed special research-oriented educational programs for young medicos. MAMB with generous support from Sir Dorabji Tata Trust established a modest life science laboratory. The Academy offers both in house and mobile hands on technology workshops both in lab medicine and life science.

For maximal utilization of the intellectual and to extend the benefits of modern science and technology to grossly neglected rural sector the academy started two special educational programs focused on the rural sector (a) Discovering Little Scientists and (b) Science for Little Scientists. Academy is also working on control of congenital disorders in rural Maharashtra.

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**Profile:**

Mr. Madhu Nair is a serial entrepreneur with businesses in nutraceutical product, food ingredients and additives and has also worked in development sector.

He developed novel formulations in nutraceutical products and filed 24 patents.

He created a unique business model of introducing preventive health care food additives and ingredients in the unorganized sector of food processing industry of India. Ensigns health care became the first Indian company to manufacture and market low calorie sweeteners primarily in the unorganized sector comprising of small & medium enterprises.

He launched a low sodium salt for the first time in India in collaboration with smart salt – Finland

He is also associated as Board of director on Yuvaan long life Pvt Ltd - a joint venture company with national innovation foundation, an autonomous body under Department of science & technology, Govt. of India. Yuvaan is manufacturing phytochemicals for nutraceuticals sector. He is also associated with startup company with Synkromax specialties Pvt Ltd. in Chennai manufacturing natural and low calorie sweeteners for industrial applications

**Organisation Profile:**

Ensigns Life Sciences have been working in the area of preventive health care by marketing & promoting nutraceutical product, functional food ingredients & additives. It has been primarily involved in industrial sector for marketing functional food ingredients and additives. Ensigns have also undertaken work in the Middle East in the similar sector.

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**Profile:**

Dr. Makarand Phadke is currently serving as Sr. Vice President, Innovations at Reliance Innovation Leadership Centre, Reliance Industries Ltd. Prior to this, he has worked with Aquapharm Chemicals Pvt. Ltd., Thermax Ltd., Chemical Division at senior positions.

His area of expertise includes Technology Management & Innovation Management, Technologies for Sustainable Development, Entrepreneurship, Water Treatment Technologies, Clean Tech Arena, Specialty Chemicals, etc

He is member of Technical Advisory Group, Safe Water Project PATH, Seattle, USA; Advisory Board, Centre for Global Innovation, University of Southern California, Los Angeles, Executive Council Advisory Board, IIT Bombay Alumni Association, Pune Chapter and Executive Council, Indo American Chamber Commerce, Pune Chapter

He did his M.S. & Ph.D. in Chemical Engineering from Carnegie Mellon University Pittsburgh, U.S.A. He completed his B.Tech from IIT, Mumbai

([http://www.indiarnd.com/html/speakers/Makarand\\_Phadke.pdf](http://www.indiarnd.com/html/speakers/Makarand_Phadke.pdf))



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## Profile

Madhav Gadgil obtained his BSc (1963), MSc in Zoology (1965) from Bombay and PhD (1969) from Harvard University, USA. He has been a Lecturer in Biology at Harvard University (1969-71), a Research Officer at Agharkar Research Institute, Pune (1971-73), a Visiting Professor of Human Biology at Stanford (1991) and a Distinguished Visiting Lecturer at the University of California, Berkeley (1995). He worked at the Indian Institute of Science, Bangalore (1973-2004) and was responsible for the establishment of the Centre for Ecological Sciences (1983). Since his retirement in 2004, he is associated with Agharkar Research Institute, Pune.

Madhav Gadgil has taught at Harvard, Stanford and Pune Universities and at Indian Institute of Science. His scientific interests span over population biology, conservation biology, human ecology and ecological history. His contributions include modelling of trade-offs in evolution of life histories, documentation of the tradition of protection to sacred groves, initiating censuses of wild elephant populations in India, careful scientific documentation of patterns of overexploitation of forest resources, and promoting the discipline of ecological history in India by co-authoring, with Ram Guha, the first ever book on the subject. He has been active in developing a programme of participatory, decentralized monitoring of biological diversity with the involvement of students, teachers and community members. This methodology and the supportive Relational Database Management System called PeBInfo has been recommended for country-wide adoption in the preparation of People's Biodiversity Registers as a follow up of the Biological Diversity Act by National Biodiversity Authority. He has published 230 research papers, 250 popular scientific articles in English and Marathi, and six books. He has guided eleven doctoral students.

Gadgil is the recipient of SS Bhatnagar Prize, Vikram Sarabhai and Iswarchandra Vidyasagar Awards, Rajyotsava Award by Government of Karnataka and Padma Shri and Padma Bhushan by the President of India. He was an IBM Fellow (1969) and was awarded GSAS Centennial Medal (2002) of Harvard University and Volvo Environment Prize (2003). He is a Fellow of Indian Academy of Sciences, Bangalore; National Academy of Sciences (India), Allahabad and The Academy of Sciences for the Developing World (TWAS), a Foreign Associate of the US National Academy of Sciences and an Honorary Member of British and American Ecological Societies.

(<http://www.insaindia.org/detail.php?id=N84-0244>)

## Organisation Profile

Agharkar Research Institute (ARI) is an autonomous, grant-in-aid research institute of the Department of Science and Technology (DST), Government of India. It was established in 1946 by the Maharashtra Association for the Cultivation of Science as MACS Research Institute and renamed as ARI in 1992 in honour and memory of its founder Director, late Professor S.P. Agharkar.

The Institute is committed to promotion of science and technology with emphasis on high standards of research and development activities for the benefit of mankind and the nation. The current research activities encompass biological sciences and focus on these six broad areas: a) Bioenergy b) Biodiversity and Paleobiology c) Bioprospecting d) Developmental Biology e) Genetics and Plant Breeding f) Nanobioscience

(<http://www.aripune.org/>)

## Impact of Work:

Madhav Gadgil founded the Centre for Ecological Sciences which developed strong traditions of working with other researchers, teachers, policy makers as well as NGO workers, farmers and citizens. His studies on the management of the Karnataka's bamboo resources stimulated the withdrawal of perverse subsidies to forest based industries. He was a member of the Science Advisory Council to the Prime Minister of India, and served as the Chair of the Science and Technology Advisory Panel of Global Environment Facility.

(<http://www.insaindia.org/detail.php?id=N84-0244>)

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### **Personal Profile:**

*Educating the people of Maharashtra through Open and Distance mode of Learning*

### **Organizational Profile:**

Indira Gandhi National Open University (IGNOU) has been established by the Government of India by an Act of Parliament in 1985 (Act No. 50 of 1985) with the objective of enhancing access to quality higher education through distance mode. The University has been mandated to:

- ✓ provide access to higher education to all segments of the society
- ✓ offer high-quality, innovative and need-based programmes at different levels, to all those who require them
- ✓ reach out to the disadvantaged by offering programmes in all parts of the country at affordable costs.

IGNOU started offering academic programmes from 1987 with 4,528 students on its rolls. Today, it serves the educational needs of about three million students in India and abroad. There are 226 academic programmes ranging from doctoral level to awareness level currently on offer.

IGNOU is uniquely positioned in terms of its outreach to all corners of the country and all segments of the society. This gives the University a distinct identity and character in the panorama of higher education in India. IGNOU has evolved as the world's largest, most diverse and inclusive higher education institution. As a leader in open and distance learning in India, IGNOU has been making a significant contribution in democratizing and expanding opportunities for quality tertiary education in the country. In addition, it has registered an impressive international presence.

**Distinctive Features:** Following are some of the distinctive features of IGNOU:

- ✓ National jurisdiction with international presence
- ✓ Flexible admission rules
- ✓ Individualized study: flexibility in terms of place and pace of study
- ✓ National network of Regional Centres and Study Centres for providing student support
- ✓ Modular approach to programmes
- ✓ Multi-media approach to learning

IGNOU has been recognized globally for its enrolment and outreach, scale of operations and quality of educational provisions:

IGNOU has been recognized as a "Centre of Excellence in Distance Education" by the

- ✓ Commonwealth of Learning, Canada. (1993)
- ✓ IGNOU has received "Award of Excellence for Distance Education Material" by the
- ✓ Commonwealth of Learning, Canada. (1999)
- ✓ UNESCO has declared IGNOU as the "Largest Institution of Higher Learning in the World" in 2010.

**Facilities available to Learners:**

Learner-centredness is at the core of the academic and administrative structure of the University. Beginning from pre-admission stage till certification stage, the learners receive continuous academic and other support in various forms. Some of the facilities available to the learners are:

- ✓ Pre-admission counselling at Regional Centres and Study Centres
- ✓ Teaching support in the form of face-to-face academic counselling at Study Centres
- ✓ Conduct of practical sessions under the supervision of experts for programmes having practical component

### **Impact of Work:**

Extending access to quality education through open and distance mode of learning to 30,74,377 learners in over 200 academic programmes of 21 Schools of Studies through a network of 67 Regional Centre, 2667 Learner Support Centres and 33212 Academic Counsellors at the length and breadth of the country and in 72 countries. Awarded Degrees, Diploma and Certificates including PhD and M Phil to 238276 candidates in the 27th Convocation held in April 2014.

**Profile:**

Mayura is a recipient of the Salaried Social Entrepreneur (SSE) fellowship from NABARD for 2013-14. She has recently started her social entrepreneurial venture focused on enhancing rural livelihoods of artisan groups based across the country. Prior to this Mayura worked with the Indian School of Business on 'applied learning' as well as managing several social entrepreneurship initiatives. She has also worked on the innovative 'Endogenous Tourism Project' with UNDP and the Ministry of Tourism (GoI), which was a national pilot for craft and culture based rural tourism as a means of developing sustainable livelihoods, implemented in 36 villages across 20 states. A cultural junkie, she's tried her hand at most things creative and is passionate about off-the-beaten track travel. An avid theatre enthusiast, she has acted in plays across different genres, with 'Dramanon', Hyderabad and 'Cathaayatra', New Delhi. She has done her MBA from the Indian School of Business, Hyderabad.

**Impact:**

NABARD has helped in livelihood generation, reduction of poverty, empowering people especially women and outreaching them to support socially and economically. It played an important role in developing social enterprise and fostering social innovation in rural regions. NABARD usually pulls back all its profits in development of rural and agriculture development.

**Organisation Profile:**

To provide direction, attention, and focus to the issues of institutional credit for integrated rural development, government of India through parliament act 61 of 1981 formed National Bank for Agriculture and Rural Development (NABARD). The agriculture credit function was transferred by RBI to NABARD.

NABARD being a Development Bank for the promotion and development of agriculture offers and regulates credit and other facilities to small scale industries, cottage and village industries, handicrafts and other rural crafts and other allied economic activities.

(<https://www.nabard.org/english/mission.aspx>)

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### **Profile:**

Mr Milind Kamble, a civil engineer by profession, is the Chairman of the Dalit Indian Chamber of Commerce and Industry (DICCI), a Pune-based non-profit community organization he founded to bring together entrepreneurs from among the Scheduled Castes and the Scheduled Tribes and to promote the culture of entrepreneurship among them. He is also the CMD of Fortune Construction Company, an ISO 9001:2008 company.

Born on February 17, 1967, Mr Kamble received Diploma in Civil Engineering from Nanded Government Polytechnic, Maharashtra, in 1987. For five years after completing his engineering, he worked in several private companies as an engineer. He was determined not to take the easy path of joining government service through Reservations. He decided to become an entrepreneur – first in the family ever to become one. In 1992 he founded Milind Kamble Civil Engineers and Contractors and worked as a contractor in many prestigious projects such as Konkan Railway, Mumbai-Pune Expressway, Baramati Water Supply Scheme, Mohal to Pundharpur (a 30-km BOT road) Road, Pune-Lavasa Road and others.

Mr Kamble's passion is to follow in the footsteps on Dr Bhimrao Ambedkar in promoting economic empowerment of Dalits. He draws inspiration from Dr Ambedkar's economic thought. He started a website in 2001 dedicated to propagating the ideals of Dr Ambedkar. With over 7000 web pages and 1000 photos, the site was a rich source of information. In 2003 he founded the SC/ST Chamber of Commerce and Industry, a first of its kind in history, as an umbrella organisation of entrepreneurs from these sections. Later, in 2005, he renamed it as the Dalit Indian Chamber of Commerce and Industry.

Within a few years Mr Kamble has brought DICCI into the national mainstream, highlighting how so many Dalits have chosen a new path for themselves by embarking on diverse business activities. Now DICCI members' operations vary from petty trading to manufacturing and offshore drilling. In 2012, the Securities and Exchange Board of India (SEBI) gave clearance to setting up a DICCI SME Fund which is aimed at providing Dalit entrepreneurs with requisite capital and managerial skills. Due to Mr Kamble's leadership, media and policymakers have recognised DICCI as a catalyst for transforming the lives of millions of Dalits. He has demonstrated through his personal example that in India today there are enough opportunities for anyone to succeed as an entrepreneur through hard-work and perseverance.

Both electronic and print media in India and abroad, such as NDTV, CNBC, Outlook, Times of India, Indian Express, the Week, Economic Times, New York Times, Washington Post, Wall Street Journal, Asahi Shimbun, etc., have profiled Mr Kamble and the efforts of DICCI. Mr Kamble has received several awards and community recognition for his work, including Bhim Ratna Award (2010), Marathwada Udyog Bhushan Award (2011) and he was voted as a Leader (Nayak) by the readers of Maharashtra Times (2011).

### **Organisation Profile:**

The Pune-based Dalit Indian Chamber of Commerce and Industry (DICCI) is six years' old. Its Chairman Milind Kamble, a civil engineer, founded and runs it with the help of a few state chapters. Its membership base is increasing as more Dalit entrepreneurs are found.

Surprisingly, the activities of its members are quite diversified. For example, they are in sectors such as export-import, services, construction, plastics, textiles, pest control, metals and metallurgy, offshore exploration, solar energy, sugar, ethanol production, health care and hospitality industries, etc.

DICCI's tag line explains its philosophy and its entire raison d'être: **"Be Job Givers and Not Job Seekers"**

The Chamber operates with a three-fold mandate: Bring together all Dalit entrepreneurs under one umbrella, Become a one-stop Resource Center for existing and aspiring Dalit entrepreneurs, and to promote entrepreneurship among Dalits as a solution to their socio-economic problems

A more nebulous issue for DICCI is how to create/ prescribe benchmarks for its members in terms of how and from where to access capital and pitfalls thereof, and where to turn for advice and mentoring as knowledge-gap on the contours of globalized capitalism is too wide both in DICCI and among its members.

### **Impact:**

DICCI has active membership of over 1000 entrepreneurs and most of the members have been benefitted from the activities of the chamber.

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### **Profile:**

Dr. NarendraJadhav is a graduate in Science with Statistics as a specialization, a post graduate in Economics from Bombay University, and Ph.D. in Economics from Indiana University, USA. Dr. NarendraJadhav is a Member, Planning Commission and Member, National Advisory Commission, Govt. of India. He served as Vice Chancellor, University of Pune, served Reserve Bank of India RBI for 31 years, served International Monetary Fund (IMF), Chief Economic Counsellor of Afghanistan, Advisor to Ethiopia. So he is an Educationist, Economist, social scientist, policy maker and author. He has over 125 research papers in economics and 27 major official reports and books which are referred by scholars for reference. He is recipient of 63 national and international awards including Honorary D. Lit Degrees and 'Commander of Order of Academic Plans' conferred by govt. of France for his contribution in academics, economics, literature, culture, and social work.

### **Organisation Profile:**

To promote the fast rise of living standard of people by optimum utilization of resources of the country, increasing production and providing livelihood and employment opportunity and to serve the community government of India decided to set up Planning Commission in 1950. It is responsible for assessing all the resources of the country, supplement deficient resources, formulating strategies for effective and balance utilization of resources and to determine the priorities.

Till now 12 five year plans have been launched starting from 1951 to 2012. For first eight plans the emphasis was growth of the public sector with investment in basic and heavy industries and from ninth onwards the emphasis on the public sector has become less pronounced and the current thinking on planning in the country, in general, is that it should increasingly be of an indicative nature



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### **Profile:**

*An studio potter by profession. I am passionate about Indian cultures, rural life & traditions. I was exposed to the rich culture, traditions, crafts of Kutch, Gujarat, India which was a turning point in my career. I worked with several ngo's in the craft industry managing various tasks. In 2009 i initiated "matsya" which was an extension of my personal & professional experiences in life.*

*([http://www.itshandmade.in/user/profiles/user\\_profile/?user\\_id=835](http://www.itshandmade.in/user/profiles/user_profile/?user_id=835))*

*matsya is a bridge between the rural crafts men & urban customers. Over a period of time matsya has been retailing a wide range of traditional yet contemporary products globally. Further matsya has experienced and gained knowledge to provide its services to urban global customers, such as craft tours, internships, graduation projects with enthusiastic students from esteemed institutes such as NIFT, IIM, XLRI etc. As an entrepreneur i have decided to share my experience and shape up business ideas of individuals by mentoring them through the entrepreneurship programme. More than 15 students have interned at matsya.*

### **Organization Profile:**

*matsya is a labour of love that began with a journey.*

*In 2001 an earthquake shook the foundations of Kutch, Gujarat. While accompanying a team of volunteers in their relief efforts, Neha Gandhi (founder of matsya crafts) was exposed to the age old handicraft tradition of the region; its depth, beauty and sheer vibrancy shook her to the core. Born from the debris of disaster was matsya, a steadfast commitment to rural art and craft... and there's been no looking back since.*

*matsya, today, is a team of marketers, design enthusiasts, art lovers and well-wishers working together to serve as a bridge between grassroots artisans and urban customers. They curate a unique range of home furnishings, studio pottery and accessories, retailing these products online, at exhibitions and on a one-on-one basis, to individuals as well as corporate customers.*

*At matsya we recognize that urban customers have the power to impact the world simply through their purchasing choices. Our goal is to preserve, revive, and expand the rich tradition of rural handicrafts by working closely with artisans, helping them develop quality products that appeal to contemporary tastes buds. We spend hours researching purchasing patterns, design trends and marketing innovations, and use this know-how to help advance the livelihoods of rural craftspeople.*

*Furthermore, matsya is engaged in such projects as organizing craft tours, undertaking craft documentation, partnering with NGOs and is presently in the process of acquiring Fair Trade certification.*

### **Impact of Work:**

- ✓ Working with 2 NGOs, which have work force of more than 50 craftsmen
- ✓ 5 Individual entrepreneurs, and crafts men,
- ✓ Retailing online as offline across India.
- ✓ Participated in more than 20 events.
- ✓ Have been able to give a sustainable business to the groups matsya is presently engaged with.



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### **Profile:**

Neil was born and raised in California, and studied computer science in college. After graduating in 2004, he worked at the Silicon Valley and loved the startup world there. But after a couple years, he felt something was missing in my life and career. He was creating useful and exiting technology but it was reaching and benefitting a small stratum of society – and that too, the wealthiest strata. He wanted his life's work to matter to people who were under-served by technology, but could stand to benefit greatly from them.

Around the same time, a small group of computer science researchers in academia were having similar ideas. They were interested in developing technology relevant and appropriate for people in developing regions around the world. Inspired, he quit my Silicon Valley career to join this group of researchers in academia. He took up a PhD with Stanford. Fortuitously, one of the pioneers in this new research area, **Tapan Parikh**, took a faculty position at UC Berkeley around the same time. Tapan became one of his PhD advisors and we collaborated on the research that eventually spun into Awaaz.De in December 2010.

While at grad school, he also started spending time in India to learn about the people he wanted to serve and what technology was appropriate for their needs and lives. He spent the first two years observing and learning, mostly in villages and embedded with NGOs. The observation period led to a couple insights: To make information services useful to rural people, the content has to be localized in topic and language, overcome literacy barriers, and work with the lowest-end, simple mobile phone.

In rural areas, there are a small but significant group of people who are knowledgeable about various topics (agriculture, medicine, finance, etc.) who can greatly benefit their communities by sharing what they know; but there are very few platforms that allow them do that.

These insights led to his dissertation on a mobile voice-based social platform for small farmers in Gujarat to access and share agricultural advice. It is now a revenue-generating company developing voice-based information services reaching tens of thousands of people through hundreds of thousands of phone calls.

### **Organisation Profile:**

Awaaz.De was founded in India in 2010 by Neil Patel and Tapan Parikh. Awaaz.De grew out of Neil's Ph.D research at Stanford's Department of Computer Science, which Tapan advised as a professor at UC Berkeley. Neil and Tapan have a combined 15 years of experience designing and deploying knowledge sharing systems.

Awaaz.De provides a hosted voice social media platform for organizations to connect and communicate with communities through mobile phones. One component of the platform is a customizable voice message board application. The second component is a web-based administration interface for organizations to moderate the message boards, categorize messages for indexing and filtering, route messages to specific experts, and broadcast important and high-quality messages to wide or targeted audiences. Awaaz.De also supports customized voice surveys and generates reports on usage over daily and aggregated timeframes.

### **Impact of work:**

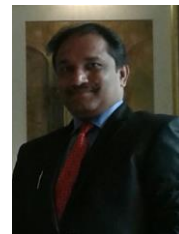
Awaaz de has impacted different sectors like agriculture, education and health. In five months, there have been over 200 streams created reaching over 20,000 followers collectively. Overall, Awaaz.De has reached over tens of thousands of people through over hundreds of thousands of phone calls in partnership with various development organizations across India.

Using Awaaz.De is a cost-effective way to communicate with disconnected people. Simply put, organizations save time and money by using Awaaz.De, and they are able to communicate more impact fully through local languages and with the natural expressivity of voice.

Awaaz De has a great line of work since its inception.

1.2 million + calls to/from  
250 thousand + recipients across  
13 Indian states and 6 countries

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**Profile:**

Nitin Agarwal, currently holds the position as Director-Asia Technology Innovation Center at John Deere India Pvt Ltd, Pune. Nitin has completed his Graduation in Production engineering from VJTI Mumbai. His Learning agility has helped him continue the learning and he has completed his PGDBM from IMTR Aurangabad and also done his PGDBM from Symbiosis International University, Pune.

Nitin has served in various organizations including, Bajaj Auto Ltd, Mahindra & Mahindra Ltd, Tata Auto Plastics Systems Ltd, International Tractors Ltd prior to joining John Deere.

During this tenure of his professional experience he is engaged with his role as it provides exposure to the cutting edge and state of art technology with the John Deere's 175 Years of rich knowledge heritage and on the other hand the agriculture sector provides him the opportunity to be close to the Land and is very proud to be associated with an organization that is "Committed to those linked to the Land".

Inspired by Dr. Raghunath Mashelkar, he has initiated a new Committee on Inclusion Innovation in the DCCIA Pune and is entrusted with the responsibility as a Chairman of this committee.

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**Organisation Profile:**

Wockhardt Foundation is involved in public welfare and societal service activities. It is being headed by Dr. Huzaifa Khorakiwala. The foundation is a movement of social values, social awakening and social development carried out by its warriors.

**Impact:**

Wockhardt foundation offers service of mobile vans for free medical checkup with medicines, mobile van for eyes in rural and urban region.

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### **Profile:**

Brig Pogula Ganesham born (on 10 October 1949) in village Bhoompally, Medak Dist of AP, is an engineering graduate and MBA. A specialist in armoured Fighting Vehicles served the Indian Army with distinction for over thirty five years including Command of a battalion in Kashmir in thick of counter insurgency operations. He was instrumental in developing a multi-role weapon platform "Windy" for the Army, which was displayed on the Republic Day Parade 2004. He also obtained the patent for this vehicle, which happens to be the first patent of the Indian Army.

For his distinguished services, Brig Ganesham was awarded "Vishisht Seva Medal (VSM)" by the President of India on the occasion of Republic Day 2005. Brig Ganesham retired from the Army and served Bharat Dynamics Ltd (BDL) as Director (Production) from 2006-9. Subsequent to his retirement from Army formed a voluntary group "Honeybee AP" as part of the Nationwide Honeybee network at Hyderabad to pursue the mission of National Innovation Foundation (NIF) in AP.

Founded a Voluntary organization "Palle Srujana" with likeminded friends to promote knowledge based activity in Andhra Pradesh. This group also publishes a bi-monthly "Palle Srujana" in Telugu for dissemination of grassroots innovations, which has now entered its eighth year of publication. "Gyan Shodh" - a Social Internship organized by him had the participation from BITS, Pilani, NAARM, IIT, Kharagpur, few management and Engineering Colleges and was very effective in bringing awareness of village knowledge base to the young students. Four such internships were conducted so far by Palle Srujana.

Brig Ganesham is supporting Pratyusha children home, consisting of 50 tribal girl children. It has also undertook a mission to remove the drudgery of women involved in making Pochampally silk sarees, by providing Laxmi asu machines - a grassroots innovation to 3000 weaver families. A global interaction for this noble aim has been launched two years ago forming an "Asu Family" and the response has been stupendous. This initiative drew the attention of the Govt who allocated adequate resources to address the problem to its logical solution.

He has addressed almost 8000 students in AP. In the last 8 years, he walked over 2000 Kms to visit over 1500 villages. conducting Chinna Shodha yatra every quarter in various parts of Andhra Pradesh to walk in the remote villages to understand the grassroots knowledge and the creativity of villagers. 8 such yatras involving over 400 participants walked over 400 kms in 5 districts of AP during 2011-13.

His passionate quest for identifying natural grassroots innovators is infectious. He built honeybee AP network in AP with over 200 strong volunteers drawn from all sections of the society. In the last 8 years, they identified over 140 innovators and documented over 2000 traditional knowledge practices. Honeybee AP enabled many grassroots innovators to be recognized by National and International Govts and private Organizations. Innovators were showcased and connected to formal reputed institutions. 9 President of India awards, 12 patents were obtained and 8 innovations marketed successfully.

### **Organisation Profile:**

Palle Srujana is a voluntary organization works for aiding and promoting creativity at Grassroots level in the State of Andhra Pradesh. It pursues the mission of National Innovation Foundation -India (NIF-India) in the state of Andhra Pradesh as part of nationwide Honeybee network. We Scout across the rural parts (knowledge hubs) of Andhra Pradesh for knowledge and innovations. We document the knowledge acquired through scouting with sufficient recognition to the knowledge provider. The Grassroots innovations will be promoted and provided support for validation and reengineering. Palle Srujana also helps the innovators to get their technologies patented and take them to national and international level of recognition.

Palle Srujana being a Voluntary organization, entire activity is accomplished through pure volunteerism. We involve students, elders, women, private and public institutions and organizations, NGOs, and Government in the entire value chain of the grassroots innovations. The grassroots knowledge is linked to the formal system for validation, value addition, patenting, reengineering, manufacturability, marketability and business incubation etc.

### **Impact of Work:**

- ✓ Conducted 13 Chinna shodha yatras in 12 districts of AP and Telangana since 2011. Over 400 participants walked more than 650 kms talking to the farmers, children and women in remote areas and learning from nature and people. The walk is still on
- ✓ Palle Srujana - a bi monthly in Telugu being published for the last 8 years with 2000 subscription base to disseminate the rural creativity. No sponsors and no advertisements.
- ✓ A book on "Rural Innovations@grassroots" by Scientists of NAARM on Grassroots Innovation (GRI) scouted by Palle Srujana

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www.sevango.in



#### Profile:

Mr. P. Vivekanandan holds M. Sc. In Agriculture and is Executive Director of Sustainable-agriculture & Environment Voluntary Action (SEVA) for the last 21 years. He is editor of 'Numvalivelanmai' quarterly published in association with Honey Bee Network/SRISTI

He is Member, 'national steering committee on conservation of threatened breeds of livestock' constituted by Department of Animal Husbandry, Dairying and Fisheries, New Delhi. He is also a member of the Sub-Group on Conservation of Animal Genetic Resources under constituted Working Group on Animal Husbandry & Dairying for the Twelfth Five Year Plan (2012-17).

He awarded first prize for scouting maximum Innovations in Tamil Nadu in 2001 by National Innovation Foundation, Ahmadabad.

He has received the George Atkins Communications Award (annual award conferred to a single individual for excellence globally) in 1999 by Developing Countries Farm Radio Network, Canada

#### Organisation Profile:

In 1992, SEVA a voluntary organization with the aim to explore the ways and means of sustainable livelihood was founded by Mr. P. Vivekanandan. The guiding philosophy of SEVA is to find solutions that are locally appropriate and feasible based on indigenous knowledge.

SEVA documents traditional knowledge, innovations, practices and pastoralists role as custodian of livestock biodiversity and working for their rights. . SEVA attempts capacity building of grassroots innovators through awards, micro-venture capital to innovators for improving their products in collaboration with National Innovation Foundation, Ahmadabad.

#### Impact of Work:

SEVA facilitated local Panchayats to renovate common property resources (viz. animal drinking water ponds, tanks), arranged animal health camps, supplied breeding bulls and prepared action plan for conservation of 10 native animal breeds by involving all the stakeholders. In several cases, notably for Umbalachery cattle in Nagapattinam district, there has been a significant increase in population of the breed as an outcome.

They promoted the concept of incentives for pastoral communities conserving genetic diversity in the form of Breed Saviour Awards. This idea has been accepted and supported by National Biodiversity Authority, Chennai. So far a total of 105 livestock keepers / groups received cash awards (Rs. 10,000 each) and certificates based on annual competition announced over the last 4 years during 2009-2012.

- ✓ Number of innovations, traditional practiced documented - 8000
- ✓ No. of innovators provided with micro credit/venture capital - 32( Rs. 12 Lakhs)
- ✓ Number of traditional practices tested /validated - 8
- ✓ No. of innovations commercialized - 2
- ✓ No. of farmers trained in herbal medicine for animals - 3000
- ✓ No. of women self-help groups promoted- 450
- ✓ Amount disbursed to women groups - Rs. 5.2 crore
- ✓ Pastoralists/herders Associations promoted - 5
- ✓ No. of drinking water ponds /sources for animals desilted/created -15
- ✓ Registered cattle breed with National Bureau of Animal Genetic Resources in 2012 - Pulikulam
- ✓ Year of pastrolists grazing rights included in Forest Rights Act 2006 (in association with LIFE Network NGOs ) achieved - 2007
- ✓ No. of goshalas linked with Animal welfare board / Breed savior Awards -3



Prof. P. Kumaresan  
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**Profile:**

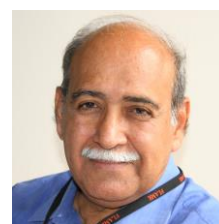
Professor P. Kumaresan is an assistant professor in Industrial Design Centre (IDC), Indian Institute of Technology Bombay. He has over ten years of Industry experience, which spans from furniture design, design consultancy to designing and developing low cost point of sale (POS) for Indian Kirana (grocery) stores.

His research interests are in contemporary crafts and technology, bamboo, design innovation, frugal design methods, prototyping and Entrepreneurship. He gets his inspirations from grassroot innovations, Frugal innovations, jugaad and product hacks

He has been a part of Bambu studio at IDC, IIT Bombay and developing various products using bamboo as a primary medium.

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**Profile:**

After completing his PhD from the University of Illinois, USA, Professor Shingi did teaching and research for 32 years at the Indian Institute of Management, Ahmedabad (IIMA). He was also the Dean as well as the Officiating Director of IIMA. During his IIMA days, he had maintained highest levels of interaction with national and international organizations, negotiated many policy directed research and consultancy projects, and actively undertook research and outreach activities for sectors of national importance like agribusiness, forestry, water, cooperatives, technology and knowledge extension, and rural industrialization mostly in India and in South-East Asia. He has completed more than 40 management consulting assignments on policy and programme related aspects in India and other developing countries for national and international organizations like Government of India, National Committee on Science and Technology, USAID, FAO, Ford Foundation, International Cooperative Alliance, Geneva, OXFAM, America, IDRC Canada, United Nations Research Institute for Social Development, Geneva, WINROCK International, and The World Bank.

He has written seven books and several research based articles. Besides a number of post-graduate students of management, he has collectively trained close to 1300 senior managers, administrators, and policy makers in critical and strategic aspects of management. He has served as a member of several national and state level policymaking task forces; and was a member of governing boards of some nationally important organizations and NGOs. He has been an active institution builder. He is also the recipient of the AGROFORESTRY AWARD for championing farmer initiated agroforestry models to international audience. He has received two Best Teacher Awards from public entities. After his retirement in 2004, he worked as a specialist in Faculty of Management at Multimedia University in Malaysia for two years. He has recently received a Lifetime Achievement Award for working on neglected areas of management.

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#### **Profile:**

*Pallavi Gupta is a London School of Economics (LSE) Graduate, specializing in open innovation techniques and ICT4D. She is an experienced International Development consultant and a strong advocate of entrepreneurship led development model.*

*She has been pursuing her passion for social entrepreneurship led growth through an organization called Fifth Estate that she co-founded earlier this year. She has been since then working with the Govt. of UP, evaluating and recommending social projects and facilitating partnerships between public, private and social enterprise sector representatives.*

#### **Organisation Profile:**

*Fifth Estate works with government of UP. It reaches out to various grassroots level social projects and based on its evaluation, recommends them to the relevant department in the government. The motivation of Fifth Estate is to facilitate government's support to such enterprises that are doing impactful work and assist them to scale at the state level. Fifth Estate also advocates such successful and impactful projects in the private sector to garner monetary support for these projects if needed.*

#### **Impact of Work:**

*Fifth Estate was established in February 2014. Since then it has recommended two projects in the education and sanitation sector to the government. It has also carried out two workshops to discuss the importance of technology and social entrepreneurship in the growth model of the state. In addition, It has also initiated an award called 'eUttara' to recognize and reward great ICT4D initiatives in Uttar Pradesh across sectors in partnership with Govt. of UP.*



Mr. Partho Bhowmick  
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(<http://www.blindwithcamera.org/our-team/>)

#### Personal Profile:

Partho Bhowmick is a Mumbai-based independent photographer educated in business management and information technology. He works full time with a corporate house in Mumbai, but photography remains his passion.

A self-driven researcher on art by the blind, and Founder of the Beyond Sight Foundation, Partho launched his Blind With Camera project in 2006, to teach photography to the visually impaired, and, in 2010, launched the world's first virtual e-school of photography for the blind. Hundreds of visually impaired individuals have trained as photographers under him, and some of them have turned trainers.

Partho also conducts blindfold “sensory” photography workshops for sighted people, with visually impaired photographers as trainers, to advocate social equality and provide income for the visually impaired trainers. He has designed and been a curator of several inclusive photography exhibitions in India and abroad. He has been a speaker on the convergence of renewed photography and social change at several cultural and social forums, including TEDx. He is credited with three books, *See As No Other* and *In Touch With Pictures* on Blind With Camera project and *Facing the Mirror* on his own photographic work.

Partho was a finalist for the NASSCOM Social Innovation Award in 2011, and is a recipient of several national awards. His own photographic work is exhibited across India.

#### Brief on Blind with Camera:

Blind with Camera project which was set up by Partho Bhowmick in Mumbai, India, with just one visually impaired student in February 2006. Over the years, hundreds of the visually impaired across India have trained in photography under the project. Photographs emerging from the Blind with Camera project have been showcased through inclusively designed exhibitions in India and abroad. The project is the first of its kind in India and is part of the international Disability Art culture.

Blind with Camera is a project of the Beyond Sight Foundation, a non-profit organisation based in Mumbai, India. The project explores how photography by the visually impaired is a reminder of diversity, a source of healing, development and opportunity, an instrument of change and a

#### Milestones of Blind With Camera

- ✓ Since 2006, over 500 visually impaired are training in photography across India, 30% of them continue to take pictures independently.
- ✓ Developed “Train the Trainer” to create a team of photographers to teach photography to the visually impaired. Five (5) visually impaired trainees have turned as trainers, they teach photography to other visually impaired and they are paid for their service.
- ✓ Started e-school of photography for the visually impaired ([www.blindwithcameraschool.org](http://www.blindwithcameraschool.org)) around the world to get started with photography and build community around it. This e-learning initiative is the first of its kind in the world.
- ✓ Pictures coming out of the Blind With Camera are showcased through inclusively designed exhibitions in India and abroad. Along with normal photographs, the exhibition offer touch & feel raised pictures, Braille, Large Print, and Audio Description (AD) for visually impaired visitors to access and enjoy the photographs. Since the first public show in February 2007, photographs have reached out to over 50,000 sighted and 2000 visually impaired audience.
- ✓ Conduct “Blindfold Sensory Photo” workshop for the sighted people, where trained visually impaired photographers are instructors / trainers and they are paid for their service.
- ✓ Proceeds from sale of photographers and income from “Blindfold Sensory Photo” workshops is used for supported education and welfare of the visually impaired.
- ✓ Blind With Camera has been documented in short films, most significant is the film is “LIGHT ON THE DARK SIDE” by Geeta Singh. The film is produced by the Public Service Broadcasting Trust (India) with the supported from the Ministry of I&B, Government of India.
- ✓ Blind With Camera have inspired and supported Anand Gandhi, the director of 14 internationally awarded film “Ship of Theseus” on a story of a blind photographer, a Jain monk and a young stockbroker, all thrown into situations that challenge their beliefs.

social equalizer.

- ✓ are facilitated researchers in USA to develop mobile apps to help the visually impaired to take pictures.
- ✓ Book on Blind With Camera titled SEE AS NO OTHER is being published by Partridge Publishing, a Penguin Random House Company. By early 2015, the book would be available worldwide in print, e-book and accessible formats (tilted IN TOUCH WITH PICTURES) for the sighted, visually impaired and print disable readers. Several international experts have endorsed the book.
- ✓ Over the year Blind With Camera have been extensive media coverage in India and abroad. Featured in The Time of India, The Hindustan Times, The Indian Express, The Hindu, The Deccan Herald, Business Standard, Mid Day, Asian Age and magazines like Tehelka, Business World, Spice Wings and Timeout, The Week and The CHIP. Guest Editorial in an international Ophthalmology journal published from Canada. The story was aired in primetime news in CNN IBN, NDTV 24 x 7 and ZEE News, and in "Picture Perfect" program on NDTV Goodtime. Featured by PTI (Press Trust of India), and international news agencies like Liverpool Daily Post, The Guardian, Reuter and BBC.
- ✓ Unilever India and advertising agency JWT Mumbai have selected Bhavesh Patel (compete blind), one of the member of Blind With Camera for taking still photographs of actress Katrina Kaif for the LUX soap campaign. Print media advertisement and the documentary on shooting as part of campaign will be aired soon. Bhavesh has been paid as per the industry standard and treated with dignity. This is for the first time in the world a commercial shoot is done by a blind photographer.

Awarded the Karamver Puraskar in 2009, a national award for social justice from the Indian Confederation of NGOs and finalist for the NASSCOM Social Innovation Award 2011.

- ✓ Blind With Camera is being referred in several research papers, academic blogs and conferences across world. We

### **Impact of Blind With Camera**

Photography by the blind triggers an insightful journey that connects with the "self" in many ways.

When a blind person looks through the lens of a camera, a remarkable transformation takes place—he at once creates, explores, experiments, makes choices, develops ideas, and enjoys new experiences. With camera in hand, the blind wake up to shapes, forms, people and activities as if the camera were a new pair of eyes.

In the process, they learn that disability basically means doing things differently. It gives the blind participants a sense of realisation—that they can do things they never thought they could. They surprise themselves, as well as their teachers, parents and friends.

Photography is about self awareness and learning. The blind sharpen their personal observations, dreams, ideas and emotions while enjoying the entire process of creative self expression. And in learning and mastering the techniques of photography, they gain sensory development, sharpen their judgement and intuition, enhance their self expression and improve their communication skills, including listening, speaking, spatial awareness, vocabulary and learning skills, to improve their academic performance. Moreover, through the photographs they have taken, and that they can now enjoy and experience, they can express pride and delight in their accomplishments.

Blind photographers give back to the community the valuable discoveries they make through photography, in the form of public presentations and exhibitions.

The Blind With Camera project brings dignity and purpose to the blind, giving them fresh hope in their newly-discovered ability—to see—and a new voice.

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#### **Profile:**

Pinakeswar Mahanta holds B.Sc. Engineering (Mechanical) (1985) Engineering from Regional Engineering College Rourkela, M.Tech. (1993) in Mechanical Engineering from Indian Institute of Technology Kharagpur and Ph.D. (2001) Mechanical Engineering from Indian Institute of Technology Guwahati.

He is Head, Department of Mechanical Engineering and Founder Head of Centre for Energy, IIT Guwahati from 2004 to 2011. He has 12 years of research experience and is currently Professor in Mechanical Engineering, IIT Guwahati. His early association includes Associate Professor in Mechanical Engineering, IIT Guwahati, Assistant Executive Engineer, Govt. of Assam ( May, 1986 to January, 2001 )

He has published two books, Reviewed (Peer) 58 Journals, has attended 38 conferences 38, has handled 19 R & D projects, supervised seven Ph.D. students and has applied for one patent. He was offered Indian Distinguishing visiting fellowship by University of Nottingham, UK for the period 10.06.2010 to 10.07.2010 and Organized summer school on efficient fuel energy technologies during July 4-10, 2011 funded by EPSRC engd. Training Centre University Nottingham.

#### **Organisation Profile:**

Indian Institute of Technology Guwahati, the sixth IIT of the India was established in 1994 and the academic programme commenced from 1995.

Currently the Institute has eleven departments and runs three centres in inter-disciplinary academics covering all the major engineering, science and humanities disciplines, offering BTech, BDes, MA, MDes, MTech, MSc and PhD programmes.

The faculty members of the Institute have been actively publishing research papers in international and national journals as well as in conference proceedings. In the year 2012-2013, the faculty members have published 592 papers in journals and 548 papers in conference proceedings.

The IPR Cell of IIT Guwahati provides assistance in acquiring of license and patenting of new invention by faculty members and students of IIT Guwahati. Till now 10 patents have been filed in India and two patents are filed in foreign whereas one Patent is granted and commercialized and four patents are granted but not commercialized.

#### **Impact:**

Few of the recent noteworthy activities in the institute is the initiation of the 'Outreach programme' for promotion of socially beneficial products and their evaluation and the 'Green Office' to support environment friendly practices.

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#### **Profile:**

For over 15 years, Mr. Pradeep Lokhande is making efforts to make the Indian villages computer literate. With this novel approach he is not only helping students in the schools of villages but also generated a database explaining the diversity and understanding of the complexity in these villages which will be helpful to several stakeholder for understanding the behavior pattern of consumers at bottom level.

His efforts of providing 20000 computers school have brought excitement among its students and have also helped them learn the complexity of market.

#### **Organisation Profile:**

Rural Relations is playing a distinct role to help kids with computer education, bringing awareness about the complex state of the villages and a unique approach to offer valuable data on consumer insights of around 70% Indians.

Dr. Pradip Kumar Sarmah  
Founder & Executive Director, Centre For Rural  
Development (CRD)  
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## Profile

A veterinary surgeon by profession, Dr. Pradip Kumar Sarmah was elected as an Ashoka Fellow in 2001 for his pioneering work as a veterinarian in the interiors of Assam and the North-East. However, the course of his life changed dramatically in 2002 when he had a conversation with a rickshaw puller while riding a rickshaw. The Puller's answers to Dr. Sarmah's questions intrigued him, leading him to engage in a much grander study about the lives of rickshaw pullers. What he found deeply disturbed him: The vast majority of India's estimated 8 million rickshaw pullers don't own their own rickshaws; rather, they are caught in a cycle of debt and looked down upon by society. They do not have health or accident insurance. Their bodies endure extreme stress and age quickly. Despite the fact that many pullers are immigrants from more rural parts of India looking for work, their upward mobility in society – socially and economically – remains static.

Dr Sarmah's curiosity and empathy for the man he met that day became the seed of his latest venture: the Rickshaw Bank, part of the Center for Rural Development, a venture that has changed the lives of thousands of people who provide the last mile connectivity to millions of commuters in cities and towns – the Rickshaw pullers. The Rickshaw Bank concept, germinated and first introduced in Guwahati has today been replicated in cities like Lucknow, Varanasi and Allahabad.

Dr Sarmah has been awarded multiple times for his services and has been invited by top-notch schools like Harvard, Yale, and MIT to share his experiences. He has also attended and delivered lectures in many national and international conferences and seminars.

With over 25 years of experience in development sector especially in the areas of rural development, poverty reduction, working with NGOs, programme designing and implementation, management, monitoring and evaluation, Dr Sarmah today is a contented man. He is happy that his work has helped rickshaw pullers positively and tremendously.

## Organisation Profile:

Centre for Rural Development (CRD) is a non-profit organisation, carrying out development activities since last 19 years in Assam. Since its inception, the emphasis was given on the holistic development of the community people. Therefore, no area of development was untouched in the process of community development. This is the strong belief of the organisation that all section of the society be covered to

registered under the Societies Registration Act XXI of 1860 with its major thrust areas in Animal Husbandry, Agriculture, Fishery, Forestry and other income generation activities based on localized planning through livelihood promotion & enhancement activities utilising local skill and resources. Since then by various donor and funding agencies had come forward in making CRD's mission a reality.

The current projects undertaken by CRD are

**RICKSHAW BANK PROJECT:** The Rickshaw Bank of CRD has brought a ray of hope to the rickshaw pullers by providing a newly designed rickshaw, with insurance and license at an affordable cost with facilitating their solidarity for rights and livelihood.

**SOURADIP (Solar light) PROJECT:** is aiming to replace the usage of kerosene lamps with solar lighting device to the poor households. Large number of those families are not connected with the electricity and henceforth using their kerosene lamps as a source of energy for lighting.

**VIKASPEDIA:** is a national level initiative dedicated for providing information, knowledge and ICT based knowledge products and services in the domain of social development. CRD works as a Nodal agency for the Assamese languages.

## Impact of Work:

Rickshaw Bank is working with an objective to provides a puller with an newly designed rickshaw (originally designed by IITG) for an equal amount to the daily rent which will applied towards eventual ownership of the rickshaw, social security, insurance, uniform, licenses, photo ID and training so that the Rickshaw Pullers community grow inclusively with dignity in India.

The Rickshaw Bank of Centre for Rural Development (CRD) provides a means of self-employment to these rickshaw pullers communities by offering a "rent-to-own" financing option to purchase an innovative newly designed rickshaw "DIP-BAHAN" (originally designed by the Indian Institute of Technology, Guwahati) that is lighter in weight, has an improved center of gravity, contains more luggage space, and has a canopy to cover both puller and passengers. Rickshaw bank also provides a comprehensive package of insurance, licenses, uniform, and photo ID cards, to add dignity to their profession. Equal amount of daily rent is considered as daily installment and one can own the Rickshaw in maximum 18 months time. Initially the project was started with the financial support of **Oil and Natural Gas Corporation (ONGC), Indian Oil Corporation (IOC) and Hindustan**



experience a visible change. CRD was formed in the year 1994 with its head office at Guwahati, Assam. CRD is

assistance.

As one of the largest rickshaw puller service providers in India, Rickshaw Bank has developed and honed its expertise in delivering high-quality designed rickshaw, low-cost financial solutions to the rickshaw pullers sector. The impact of Rickshaw Bank is best illustrated by the overwhelming demand from drivers for more rickshaws and financial services. In Guwahati, the first city addressed by Rickshaw Bank, the demand for new rickshaws is now greater than supply. To date, Rickshaw Bank has 8 offices up and running and several new branches starting. Each year for the past four years, the Rickshaw Bank's customers' base has grown significantly. Currently in its tenth year of operation, Rickshaw Bank delivered ownership to over 8500 clients and has a membership of over 10000 pullers. With the partnership in the places of Lucknow, Varanashi and Allahabad the number reaches to 50000 Rickshaw Pullers. Rickshaw Bank developed its deep understanding of rickshaw pullers market as a result of rendering thousands of hours of hands-on consulting, support and training hours to this segment. Rickshaw Bank also utilizes great amount of other nonprofits for providing rickshaw pullers with even more comprehensive services. Partners of the program have excelled in their jobs and commitment to the cause and helped pullers with LPG connectivity, health care, AIDS awareness, micro cash loans, uniforms, property and casualty insurance, clothes etc. Rickshaw Bank achieves its impact by

- (1) helping Rickshaw Pullers to gain ownership over the vehicle
- (2) bringing additional revenue to Rickshaw Pullers through selling advertisements on the backside of Rickshaws to corporate
- (3) providing Pullers with package of additional service (insurance, cash loans, uniforms etc) which were not accessible to them before.

One of the primary goals of Rickshaw Bank is to help Pullers gain ownership over Rickshaw and save money on paying the rent. Financial loss that is triggered by unstable working conditions can substantially impact a Puller and his family livelihoods. Though the pride of ownership of the livelihood-asset reflected on the faces of the pullers provides us with great satisfaction, the project has the other kinds of satisfying influence on both the community and other stakeholders. Our impact can be seen in several ways:

**Economic mobility:** The services that the Rickshaw Bank offers were designed to have a positive impact on all aspects of the triple bottom line. First, we have enabled pullers to own a rickshaw in a reasonable timeframe. Before we launched this program, few could do so because of the high daily fees and interest rates of corrupt businessmen. Second, pullers can now make more money because they pay less each day for the vehicle, and because the newer vehicles let them carry more passengers each day. Third, pullers now have access to a sound financial organization where they can

**Lever Limited (HLL)** and later on different banks and funding agencies extended their commercial /philanthropic

driving insurance for them and their families, and has made the business more respectable. Through a combination of uniforms and monthly discussion forums and peer groups, it has instilled a sense of pride among pullers regarding their line of work. And passengers, especially the elderly and those with children, prefer Dip-Bahan rickshaws because of their unique design and the organizational identity attached to it.

**Governance:** The organization has improved law and order within the community in several ways. First, by making licenses available to pullers, the project has enabled the government to better monitor its citizens and gain tax revenues. Second, it has reduced sleaziness because the concerned authority doesn't find any puller without any proper registration. Third, it has created safer roads by offering driving tips to pullers. As a result of its comprehensive interventions, the Rickshaw Bank is enabling pullers to increase their standard of living and become more financially independent.

Thus it is a prime example of how an NGO can have a tremendous impact on the local population by nurturing a native capability that already exists in the community and making it financially sustainable. The total number of Rickshaw means the equal number of people linked with Insurance, License & Uniforms which is very tangible results. The Bank provides the initial funds to CRD and then CRD assembled the Rickshaw and deliver it to the Pullers. Once it delivers to the pullers a loan is credited to the Rickshaw Pullers.

CRD has several documented examples of the tangible benefits to the lives of the people. One of these is shared below:

My name is Deben Deka, I am 45 years old residing at Polokala village in Nalbari district of Assam. I am pulling rickshaw since last 17 years on daily hire basis, where I had to give Rs.25/- daily rental for the rickshaw. My life was miserable as I was not able to save any amount for unforeseen circumstances; even my elder daughter is old enough to get married. One day I saw a different model of rickshaw running on the road, I became curious about the new model rickshaw, and out of this curiosity I went to the puller of that rickshaw and inquired about the rickshaw, then I came to know that he got the rickshaw from some Rickshaw Bank (RB) and he will become the owner of the rickshaw in 18 months time. I came back home in the evening and discussed about the new rickshaw with my wife and she advised me to visit Rickshaw Bank, next day I visited RB office and I was delighted at the thought of having my own rickshaw and decided to join RB. The Field Supervisor advised me to bring 4 copies of my photographs, permanent address proof document and Rs. 850/- for security cum registration money. I gathered the entire necessary requirement and went to RB office after one week and I was issued a brand new rickshaw. The new rickshaw from

borrow money for other ventures.

**Social Status:** The project has also had a positive impact on the social conditions of pullers. It has offered eye care and

*every month I purchase some clothes for my family from RB cloth distribution scheme, and off course the health support cell is of great help to the poor people like us as I get cheaper medicine and medical advice. It is already six months with RB and now I have heard from the field coordinator that RB is also providing small instant loans to its member rickshaw pullers. Now I feel secured about the marriage of my daughter, thanks to Rickshaw Bank. Now I am not a 'rickshaw puller' I am a 'Dip Bahan driver'.*

Lastly, an electric assist system namely "Soleckshaw" was organized in collaboration with the Central Mechanical Engineering Research Institute of the Council of Scientific and Industrial Research. The Soleckshaw is designed to run with a motor and the motor will run by a battery that could be charged with either solar or grid, emit zero carbon, and allow rickshaws to travel at 15 km per hour, piquing the interest of consumers. A pilot trial run was conducted by us at Chandni Chowk, Delhi. The pilot was officially inaugurated by the then Chief Minister of Delhi Ms. Shilla Dixit and the Union Minister of Science & Technology Mr. Kapil Sibbal on 2nd October, 2009. The Non Motorized Vehicle (NMV) act permits to run rickshaw as a NMV with a motor that should not be more than 250 watts motor. In three years practical pilot proves that with 250 watts motors running a rickshaw with two passengers is not possible and henceforth we have stopped the pilot. By seeing this business opportunities the businessmen has taken the advantage and started importing the E-Rickshaw from China with high end motors. Until the act is amended or a new bill is passed this E-Rickshaw are become illegal and the Court has given its verdict to stop its operation. Now the Motor Vehicle Act is amended and included E-Rickshaw under the act.

Rickshaw plays a major role in saving the bio fuels. Of the 8 million drivers predicted to be on the road, the capacity utilization at any given point of time is estimated to be around 50 percent, which means four million cycle rickshaws are operational at any given point of time in India. Each rickshaw covers an average distance of 25 kilometers per day amounting to a total of 200 million Kilometer per day for India. Assuming a fuel efficiency of 15 kilometers per liter, this saves 13 million liters of bio fuel each day. Moreover, change in the community's attitudes towards rickshaw drivers is visible. Various educational, financial, technical, and social institutes are now showing deep interest in the overall growth of both the rickshaw and the driver.

*RB brought a new direction in my life, I am now having more passengers and my income steadily increased as it is easier to ply and I made more trips than before, and I started saving Rs. 40 to Rs. 50/- daily at the RB. Now*



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**Profile:**

Mr. Prashant Girbane is the Honorary Director at Pune international Centre, a Global think tank based in Pune. He also works as a consultant and advisor to various corporates. He has also taken keen interest in teaching. In recent past he has been giving guest lectures at various academic institutions including IIM Ahmedabad and Symbiosis

Earlier, Mr. Girbane has worked with Tata Consultancy Services in various domains and geographies. His work experience covers assignments and engagements across dozen plus countries.

During this stint he has advised various Governmental, multilateral and corporate entities. This includes UK government departments, Common wealth Secretariat etc.

Before TCS, Mr. Girbane has worked as a 'National Consultant' at United Nations in India for its Development Programme (UNDP).

Mr. Girbane left his first corporate job offers from IIM-A to be a volunteer in the earthquake affected Kutch, Gujarat in 2001. While in campus, he was interviewed by BBC World for organising India's first international business school event, 'confluence'.

Mr. Prashant Girbane is a B.E in Chemical engineering from UDCT (now called ICT) and also holds an MBA degree from IIM Ahemdabad

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### **Profile:**

Graduation in Rural Development Science, highly interested in Appropriate Technologies, resource person on forest honey, currently researching on Pollinators deficit study in FAO project.

Technical support to Aadhimali Palangudiynar Producer co, Ltd, Designed honey, millet, wax processing equipments. Sharing Sri Jamnalal Bajaj award in 2013, for tech for rural development.

### **Organisation Profile:**

Keystone Foundation has completed 20 years in the Nilgiris, working with indigenous communities on eco-development initiatives. The Foundation's work has been concentrated in the areas of apiculture, micro-enterprise development, non-timber forest produce, land and water management, revival of traditional agriculture and other issues concerning indigenous communities.

The goal of Keystone is to work on issues of Natural Resources and Rural Development, with Indigenous people in mountainous and adjoining regions, addressing the challenges of conservation, livelihoods and enterprise development, through appropriate – knowledge & action, technologies, socio-economic innovations and institutions.

### **Impact of Work:**

Keystone Foundation since 20 years is working with Adivasi communities in the Nilgiris Biosphere Reserve (parts of Tamil Nadu, Karnataka & Kerala - 12 districts; 135 villages). Their work has been on Livelihoods & Environmental Governance, Conservation, Culture & People, Training, and Information & Communication. During the past 3 years they have spun off 3 institutions that

are independent today and work in close collaboration with Keystone.

1. Last Forest Enterprise Private Limited [www.lastforest.in](http://www.lastforest.in)  
Last Forest works with 40 NGO groups across the country to provide a marketing support through its own 3 Green Shops at Kotagiri, Coonoor and Ooty. It works with producer groups on value addition and enterprise development. It follows a value-based marketing and support for small farmer and community groups, following fair trade and organic / Participatory Guarantee System.

2. Aadimalai Pazhangudiyanar Producer Company (APCC) - a collective of tribal farmers that work with forest and agriculture produce. They value add natural resources at the village and deal with markets through wholesale, retail - through Green huts and Last Forest. The Producer Company is managed completely by tribal community members from different regions of NBR.

3. Nilgiri Natural History Society [www.nnhs.in](http://www.nnhs.in) - is an outreach citizens organization to bring awareness, campaigns to local village schools, tourists, service sector people on the value of co-existence between biodiversity and livelihoods. It runs a Bee Museum - the first of its kind in India and is based out of Ooty.

Dr. Prem Singh  
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#### *Profile:*

*Dr. Prem Singh has done MBBS from JIPMER, Puducherry. He has done Post Graduate Program in Public Management and Policy (PGP-PMP) from IIM, Ahmedabad. He worked as SDO Chandel; Director, Youth Affairs and Sports, Manipur; Deputy Commissioner, District Senapati; Secretary to CM and Director, Municipal Administration Housing and Urban Development. He was posted as Director, Municipal Administration Housing and Urban Development, State Mission Director (NRHM). State Project Director (SSA) before joining the Academy in February 2010. His Areas of interest include applied economics of welfare state, service delivery in social sector (health, education).*

#### *Organisation Profile:*

*The Academy offers the very best in higher Civil Service training and capacity building at its sprawling campuses in the decent and pristine climes of Mussoorie.*

*The academy provides an opportunity to share and explore new frameworks for improving public policy formulation and public services delivery, deliberate on challenges and opportunities in good governance, shape attitudes, upgrade professional skills and competencies and enable individual to be the leaders of tomorrow. While the training curriculum is extensive and need-based, the pedagogy is equally diverse and interactive.*

*The academy has best faculty comprising of practitioners from across the Civil Services in India with distinct professional accomplishments, foremost academics and distinguished visitors. They are scholar-practitioners with the responsibility to assess training needs, design curriculum and identify pedagogy and deliver programmes.*

*The distinct ability of academy to draw out specialists from the non-government and private sectors and also from reputed global institutions to complement the efforts of the in-house faculty. As a result, it has emerged as a hub for learning and exchange of ideas from within and outside the Government.*

*The Academy is committed toward building an effective, efficient, responsive and accountable civil service characterized by integrity in thought and action.*

#### *Impact:*

*The Academy has produced distinguished alumni which includes Vice-Presidents, Cabinet Ministers, Governors, Heads of the Civil Services at the Union and the States, Ambassadors, Police Chiefs, environment and forest conservationists and others, who without much public visibility for fanfare, are engaged in the task of delivering the vision of 'an inclusive and developed India' with persistent dedication.*

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#### **Profile:**

Dr R S Deshpande is a Bachelor of Science and holds Masters' Degree with a Ph.D. in Economics. He was earlier a faculty with ISEC till 1988 and later, he joined as faculty and Registrar at Gokhale Institute of Politics and Economics, Pune. Since 1998 he is back with ISEC and has worked in capacity of Professor, Head of agricultural Development and Rural Transformation Centre. He is currently the Director of ISEC. His areas of specialization are development of agricultural policy, development of watershed, Agriculture and Trade with WTO, policy on rural and poverty, Economics of drought prone and rainfed regions, Irrigation Economics, Analysis of policy and applied econometrics.

Professor Deshpande authored 17 books, has published over 110 research papers in national and international journals. He was associated as consultant to organizations such as World Bank, Asian Development Bank, Land Equity Australia etc. He is awarded as Fellow of Indian Society of Agricultural Economics, which is a life time achievement award by ISAE. He is also a recipient of PNASF Gold medal in the year 2010 for his work on Agricultural Policy.

Professor Deshpande contributed tremendously, being the member of policy organization such as Advisory body to the Ministry of Commerce, Government of India, WTO Cell, Government of Karnataka, Committee formed on Farmers' Suicides appointed by the Government of Karnataka, etc. He is also editor of the Journal of Social and Economic Development, and part of Editorial Board of Agricultural Economics Research Review.

#### **Organisation Profile:**

In the year 1972, late Professor V K R V Rao established the Institute for Social and Economic Change (ISEC) which is an all India institute doing Interdisciplinary Research and Training programs in the field of Social Sciences and to create a formulation for public policy by blending empirical research and advancement of social science theory.

#### **Impact:**

ISEC disseminates the results of their research studies covered on topics of social sciences. ISEC has database of 650 studies on applied and policy-related studies on several economic, social, political and administrative issues, 225 books, Over 2,500 technical articles published by the faculty. Of these, over 1100 articles were published in refereed journals in India and abroad, 400 articles in various magazines and about 1,000 articles in various media. ISEC faculty members have made their presence felt in many national and international seminars, conferences and workshops, Regular contributions by ISEC faculty and students appear in leading newspapers to raise the standard of public debate and influence public opinion on several contemporary issues, 225 working papers and 20 monographs by the faculty have been published.

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**Profile:**

Dr. Sonde is a Ph. D. from IIT, Mumbai. He has contributed 25 years of his service with department of Atomic Energy. He is currently The Executive Vice President – Innovation & Technology, Thermax.

In 2006, the then Prime Minister awarded the Dr. Homi Bhabha gold medal, for the outstanding contributions in the nuclear energy. He is also a member of scientific advisory committee, Department of Science and Technology's, Govt. of India. He serves as member on the IIT senate committee. He is leading R&D and energy technologies centre of NTPC from 2006. At Thermax, Dr. Sonde is currently developing and nurturing the research, technology and innovation center (RTIC)

**Organisation Profile:**

Thermax group provides range of engineering solutions to the energy and environmental sectors. It is based in Pune, India and has global presence through 19 international offices, 12 Sales & service offices and 11 manufacturing facilities – seven within Indian and four overseas.

Their presence spans 75 countries across Asia pacific, Africa and the middle east, CIS countries, Europe, USA and South America. The group consists of five domestic wholly owned subsidiaries, 13 overseas wholly owned subsidiaries and two joint ventures.

Their solutions are quite innovative, energy efficient, eco-friendly and easy to operate.

**Impact of Work:**

Thermax has earned accolades both nationally and internationally. The Asia Innovator Award was given to Thermax MD and CEO, M.S. Unnikrishnan in 2012. It has been awarded with CNBC Asia Business Leaders Awards at Bangkok.

Dr. Raghunath Anant Mashelkar  
Chairman- National Innovation Foundation,  
President-International Longevity Centre, India  
President-Pune International Centre  
National Research Professor, CSIR-NCL, Pune



#### **Profile:**

Dr. R A Mashelkar holds a Bachelor's in Chemical Engineering from UDCT (now University Institute of Chemical Technology, UICT) and a PhD from the University of Bombay. He went to London where he took up a fellowship as a Leverhulme Research Fellow and worked as a Lecturer in the Chemical Engineering Department at the University of Salford. In 1976, Dr. Mashelkar joined the National Chemical Laboratory (NCL), Pune and from 1989-'95 he served as its Director. His tenure as the Director General of CSIR which held till his retirement scintillated with several achievements. He has over 240 research publications and has edited / authored 22 books in the field of Chemical Engineering and allied areas and holds 28 patents in his name.

He is an elected Fellow of Royal Society (FRS), London and in 2005 elected a Foreign Associate of National Academy of Science (USA). He was elected Foreign Fellow of US National Academy of Engineering (2003), Fellow of Royal Academy of Engineering, U.K. (1996), and Fellow of World Academy of Art & Science, USA (2000). Twenty-eight esteemed universities like Universities of London, Salford, Pretoria, Wisconsin and Delhi have honoured him with honorary doctorates.

Dr. Mashelkar is Chairman to the Task Force on Recombinant Pharma Sector constituted by the Government of India, Ministry of Environment & Forests, New Delhi (2004), Chairman, Expert Committee on 'A Comprehensive Examination of Drug Regulatory Issues, including the problem of Spurious Drugs' by Government of India (2003), Chairman, National Quality Council of India (2002), Chairman, Scientific Advisory Committee on Hydrocarbons, Ministry of Petroleum & Natural Gas (2002), Chairman, National Auto Fuel Policy, Chairman, Governing Body, National Institute of Pharmaceuticals Education and Research (2001), Chairman, National Innovation Foundation, Chairman, Drugs and Pharmaceuticals Research Committee, Government of India (2000),

Dr. Mashelkar was Member on the Board of Governors of National Council for Applied Economic Research, Member, Governing Body, Indian Council for Research on International Economic Relations, Member, Prime Minister's Knowledge Task Force (2000), Chairman, High Powered Review Committee to review Regional Engineering Colleges (RECs) (1998), Chairman, Inquiry Committee for MGCC Accident, Government of India (1990), Member, Scientific Advisory Committee to the Cabinet, Member, Technology Development Board (1995-2002), Member, Science Advisory Council to the Prime Minister (1988-90), Technical Assessor to one Man Inquiry Commission to Inquire into Bhopal Tragedy, Govt. of Madhya Pradesh (1984)

He has also held the post of Chairman on the Standing Committee on Information Technology of World Intellectual Property Organization (WIPO); and Member of the International IPR Commission of UK Government; and Vice-Chairman on Commission in IPR, Innovation and Public Health (CIPIH) set up by WHO.

Dr. Mashelkar has received over 40 awards and medals in his career which include S.S. Bhatnagar Prize (1982), Pandit Jawaharlal Nehru Technology Award (1991), G.D. Birla Scientific Research Award (1993), Material Scientist of Year Award (2000), IMC Juran Quality Medal (2002), HRD Excellence Award (2002), Lal Bhadur Shastri National Award for Excellence in Public Administration and Management Sciences (2002), World Federation of Engineering Organizations (WFEO) Medal of Engineering Excellence (2003) by WFEO, Paris, Lifetime Achievement Award (2004) by Indian Science Congress, the Science medal (2005) by TWAS, the Academy of Science for the Developing World, Asutosh Mookherjee Memorial Award (2005) by Indian Science Congress, and others.

The Government of India has honoured him with the Padmavibhushan (2014), Padmabhushan (2000) and with the Padmashri (1991), three of the highest civilian awards, in recognition of his contribution to the nation.



Mr. Rajendra Singh  
Chairman, Tarun Bharat Sangh,  
Village: Bheekampura – Kishori,  
Block: Thanagazi, District: Alwar  
Rajasthan, 301022



### **Profile:**

Rajendra Singh is a graduate in an ayurvedic medicine and post graduate in Hindi literature. Rajendra Singh, popularly known as 'Jal Purush' or Waterman of Rajasthan is an inspirational icon, has changed the life of people in over 1000 villages of Aravalli Hills. He runs a voluntary Tarun Bharat Sangh (TBS) based at Alwar.

In 2002, Rajendra Singh started a National Water March (Rashtriya Jal Yatra) covering northern and southern states including 144 river basins. During this yatra he organized five national water conferences in different parts of the country. He organises Pani Pachayat or Water Parliament in remote villages of Rajasthan.

Rajendra Singh's efforts to educate people about the importance of conservation of water eradicate the scarcity of water in the rural areas of Rajasthan. People voluntarily build Johads so that the women don't have to travel to the distant places to fetch water, fuel wood and fodder.

In 2001, he received the prestigious Ramon Magsaysay Award for community leadership. The Guardian named him amongst its list of "50 people who could save the planet" in 2008. In 2005, he was conferred with the Jammalal Bajaj Award. He is well-known for his efforts in water harvesting by building check dams across Rajasthan.

### **Organisation Profile:**

Tarun Bharat Sangh (TBS) is working for the empowerment of communities, they believe in Gandhian approach of Gram Swarajya- village self rule. The unique part of TBS's modus operandi for development is to make community self-reliant. It seeks to bring dignity and prosperity to the life of destitute section of the nation through sustainable development measures. It also aims for the holistic development of men, women, and children, regardless of economic situation, caste or religion. TBS promotes the community-driven-decentralized-management of the natural resources.

### **Impact:**

Over the years, TBS has managed and helped to build over 8600 Johads and other water conservation infrastructures to collect rainwater and preserve for the dry seasons. Their activities of water recharging has helped over 1,000 villages across 6500 sq. km, and revived five rivers namely Arvari, Ruparel, Sarsa, Bhagani and Jahajwali of Rajasthan. With dedicated efforts of over three decades a dead river Ruparel, started flowing again. River Arvari which became perennial by 1995, was awarded the 'International River Prize'.

Prof. Rajas Parchure  
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### **Profile:**

Rajas Pachure did his M. Phil in Economics and Ph.D. in (International Economics). Presently he is Director of Gokhale Institute of Politics and Economics and Reserve Bank of India Professor of Finance.

He is Member Executive Committee, Input Output Research Association of India, Member, Educational Board, Actuarial Society of India, Referee & Conference Chairman, Capital Markets Conference, Unit Trust of India's, Institute of Capital Markets, SEBI Nominee, Board of Directors of Pune Stock Exchange.

He is member, Working Group on Risk Management in Agriculture, 11th Five Year Plan, Planning Commission, Government of India, Member, Committee on Financial Sector Assessment, Reserve Bank of India, Member of the Working Group on Risk Management in Agriculture, Eleventh Five Year Plan, Planning Commission, Government of India (2005-2006), Member of the Committee on Financial Transparency Standards in India, Reserve Bank of India (2007-2008) and Chairman of the Sub-Group of Risk Management in Agriculture, Twelfth Five Year Plan, Govt. of India. (2012-2017)

### **Organisation Profile:**

Gokhale Institute of Politics and Economics (GIPE), Pune, is known as one of the oldest research and training institutes in Economics in the country. The primary objective of the institute is to train researchers in socio-economic dimensions of the Indian society.

In 1993, UGC granted the Institute the status of a Deemed University in view of the eminent and sustained contribution of the Institute to teaching, training and research in Economics since its inception, and in recognition of its potential to emerge as a centre of excellence in the field of teaching and research in Economics. (<http://www.gipe.ac.in/about>)

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### **Organization Profile:**

Eram Scientific Solutions, an ISO 9001:2008 Certified Company, is a R&D Social enterprise operating primarily in the water and sanitation sector. Eram Scientific has introduced its flagship product “eToilet” with the revolutionary concept of technology integrated to sanitation to address the challenges associated with public sanitation in the society.

The flagship product of the Company is in the sanitation front with India’s First and Only eToilet, the Electronic Public Toilet. The Patent Pending eToilet incorporates a full cycle approach in sanitation using multiple technologies. The Company has created a new paradigm in the urban public sanitation sector, by introducing this unique convergent product named eToilet.

Eram Scientific Solutions (ESS) currently has the experience and the expertise in the following areas:

- ✓ India’s First Electronic Public Toilet system which has automated systems from Entry to Sewage Treatment stages with 600+ installations to date
- ✓ India’s First Connected eToilet Infrastructure
- ✓ Technology enabled Public Infrastructure “eShop” for street vendors
- ✓ Compact, Pro-environment and Modular Sewage Treatment Plants (STPs) for households, communities and large towns and cities

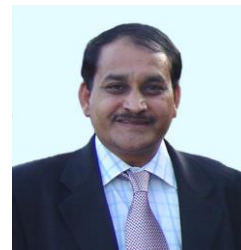
ISO 9001:2008 Certified Company & 35+ National & International awards

**About eToilet: A Makeover in the Indian Public Sanitation Landscape:** The eToilets are integrated with a unique indigenously built system that is programmed to function using state-of-the-art technologies. The system also has in place an electronic web based integration that ensures the operations are fully automated. These toilets have most modern environment friendly technologies to provide better and enhanced user experience and accessibility to the users.

### **Impact of Work:**

Over 600 eToilets set up in 13+ states in India

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#### **Profile:**

Rajendra P. Jagdale, Ph.D. is the Director General of Science and Technology Park, Pune an autonomous institute set up jointly by Department of Science and Technology, Ministry of Science and Technology, Government of India and University of Pune. The Park acts as a bridge between industries and academia to make available resources and expertise from Academia, Research and Development labs to industries. Its mission is to "Convert Knowledge into Wealth" and " Transform youth from Job seekers to Job Creators"

He is Member Secretary, Maharashtra State Innovation Council an umbrella advisory body of Govt of Maharashtra for the overall development of the state through Innovation.

He holds a Masters degree in Botany and Ph.D. in Forest Ecology from University of Pune. He is trained at Michigan State University in IPR and Technology Management, Before he joined as Director General of Science and Technology Park, he worked as faculty in the Department of Botany (1992-2001) University of Pune, Faculty in the Department of Botany, Fergusson College (1986-1992), Education officer and Divisional Director of World Wide Fund for Nature (1983-1986). He also worked as Professor and Joint Co-ordinator, Department of Environmental Sciences, University of Pune (1990-1993). He has been teaching in several universities and various departments of the University of Pune as visiting professor in IPR and Technology Management, Environment and Ecology, Entrepreneurship and Innovation.

He is recognized Ph.D. examiner at the several universities and has supervised 10 students for doctoral and large number of students for PG thesis. His primary interest lies in Conservation ecology, Biodiversity, Geo-informatics applications in forestry and ecology, habitat suitability modeling, sustainability and eco-tourism.

#### **Organization Profile:**

Science And Technology Park connects University with Entrepreneurs and it also provides technology related support to various government departments.

#### **Impact of Work**

He has been instrumental for Launching India's first ecohousing certification programme for promoting environmentally sustainable urban housing. The Programme was evolved with two year-long multi-stakeholder consultations. The initiative is leading to set up Sustainable Building Technology Center. In just Pune city alone through this initiative the city's Carbon foot-print has been reduced by about 80000 Tons per annum.

Dr. Rajendra was instrumental in making Indian Universities' Technology Database that showcases some of the emerging technologies and potential of researchers from Indian Universities. This database was made for University Grants Commission, Govt. of India and supported by United Nations' Asian and Pacific Center for Transfer of Technology (APCTT). Dr. Rajendra is a trainer in Entrepreneurship and mentor for several start-up companies and works closely with Department of Science and Technology with its Technology Business Incubation, skill training and Innovation management programmes. He is well-known Intellectual Property (IP) and Technology Transfer advisor and has been conducting International trainers' training programmes in IP and Technology Transfer jointly with Michigan State University, US Embassy and APCTT.

Has been involved in Business Incubation movement in the country and was instrumental in setting up Growth lab in Pune that incubated about 68 companies mainly in the area of Clean Technology, building materials, IT Open Source and biotechnology.

Mr. Rajeev Kher  
Founder and CEO, 3S- A Division of Saraplast Pvt Ltd  
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### **Profile:**

Mr. Rajeev Kher is the CEO of Saraplast Pvt. Ltd. and the founder of 3S -a pioneer and India's very first "Portable Sanitation and waste management services" brand. A unique manufacturing as well as service oriented approach to promote better health and hygiene is today a leader in the space having installed and servicing daily more than 5000 units pan India with a young and dynamic workforce.

Rajeev's mission to provide quality sanitation for un-served people in India has become a revolutionary concept and has created a phenomenal impact business model which is present in numerous cities all over India. His revolutionary concept has now helped develop this much neglected sector and is rapidly gaining momentum. This is inevitable from the organisations growth today.

The company has been voted amongst 50 top Social Impact Enterprises in INDIA managing operations at a pan India level- positively improving the lives of many Indians in the BOP and urban context while creating innovative business opportunities and incubation models in this segment.

Rajeev's concentrated efforts in this segment and the concept of providing to migrant clientele high quality toilets with a cleaning service since 1999, has now been recognized as an industry and profitable business model. The company was invested by Aavishkaar Venture Management - India's leading Social Fund in 2009 and by Responsibility - The world's largest social impact fund in 2013.

Rated as One of India's 50 Social Entrepreneurs by Business Outlook, Rajeev aims at making a difference to the lives of people in India by providing and innovating new designs, products and services leading to improvement in sanitation standards, micro enterprise building and creating profitable BOP business opportunities as well.

Rajeev has served on the Board of Directors (2010-2013) at the Portable Sanitation Association International (PSAI), a nonprofit organisation for sanitation and liquid waste management based in USA - making him not only the first Indian, but also the very first Asian to be on this much coveted forum.

Academically he is a management graduate from Symbiosis Pune, INDIA. On the personal front he is a travel buff and an avid sailor.

### **Organization Profile:**

3S India is driven by a vision to make the basic human right of health and sanitation a reality in today's world. The company strives to supply and service portable restrooms from the most visited to the remotest areas of the globe.

We have a unique manufacturing as well as service oriented approach to promote better health and hygiene. We manufacture and offer a wide range of portable sanitation solutions which include specialty, mains free restrooms, septic systems, wash stands, urinals and allied cleaning and waste management services in eight regions of India. All our products are made from recyclable materials and provides environmentally safe & comprehensive sanitation and waste management service. Our services include installation of these restrooms, cleaning, evacuation, disposal, waste treatment solutions cleaning & maintenance and recycling the sewage water.

We provide our services at special events, social and religious gatherings, unserved settlements, labor camps, construction and infrastructure, refineries, slum and communities and for disaster management. We have a wide range of products meeting with the requirements of all kind of needs. Some of our products are MOBILOO - The anytime, anywhere workhorse, JOHNNY'S BOX: The winning combination, SPARTAN: The ideal Indian squat restroom, SHOWER CUBICLE: For the great outdoor bath experience, SIXER: Taking care of queues etc.

Another model that has evolved over the last months is a hub-and-spoke system: we create a toilet bank in a specific location and private septic cleaning operators in the area can become a member, pick up the toilets and run them on the routes. Currently, we are looking at a slum sanitation model and are also developing low-cost toilets that people can put in their homes.

### **Impact of Work:**

3s India is today amongst the 50 top Social Impact Enterprises in INDIA which manages and safely disposes 155 Million litres of liquid waste annually as per the environmental norms, saves more than 104 Million litres of fresh water and offers dignity to more than 0.2 Million users annually.

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**Profile:**

Mr. Rakesh Kumar Sharma currently works as Dy. General Manager with JSW Steel Ltd. He represents the JSW Foundation here, the CSR arm of JSW group. He has received professional training into Social Work ( TISS, Mumbai ) and Public Health ( University of Washington, Seattle, USA ). He has been Packard-Gates Population LEadership Program Fellow at the University of Washington, Seattle, USA for his work in the field of reproductive health and rights in India. He has worked both at the global and domestic level in various capacities in the field of social development. Prior to joining JSW, he has led the largest global program on school based mass deworming in partnership with Government.

**Organisation Profile:**

JSW Foundation administers the social development initiatives of the JSW Group. Ms. Sangita Jindal is the Chairperson of the foundation. It is an independent institution and is governed by a board of trustees drawn from the senior management of the JSW Group of companies. The foundation undertakes activities in the areas of Education, Health, Livelihood and Empowerment, Sports, Environment & Arts, Culture & Heritage.

Some of the initiatives undertaken by the foundation include:

1. Akshay Patra mid-day meal scheme in the schools of Bellary, Hospet & Sandur districts under which over 134,000 children are covered.
2. Knowledge sharing and watershed projects on a pilot basis in 4 villages around the Steel Plant at Vijayanagar in collaboration with the Govt. of Karnataka & ICRISAT.
3. Rural health initiative by providing Sanitary Napkins to improve the hygiene of rural women. OPJ Centre of the JSW Foundation supplies these napkins at a subsidized rate to several NGO's and other organisations which are active in the areas of women's health and sanitation.
4. Self Help groups and micro funding opportunities to local women to set up their own entrepreneurial ventures and to enhance women empowerment.



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#### **Profile:**

Mr. Raghavan holds MBA from the London Business School, holds Post-Graduate Diploma in Development Studies from The Institute of Social Studies, The Netherlands. He pursued the summer Executive Development Program at MIT and Seminar of Dr. De Bono's Lateral Thinking. He graduated with first class honors from Hansraj College, Delhi University

Mr. Raghavan has worked as a senior executive in organizations in the US, Europe, the Caribbean and Asia and created and managed businesses in financial services, consulting and software. In 1998 Mr. Raghavan left a commercial career in banking and finance in London to create Agastya International Foundation, an innovative education charity in India. Mr. Raghavan created Agastya International Foundation in April, 1999. Mr. Raghavan leads a grassroots initiative to support and transform primary and secondary education in India.

Mr. Raghavan is a member of the Prime Minister's National Knowledge Commission (Working Group on Attracting children to Science and Math). He has written articles on education for Indian and foreign journals and spoken on creativity and leadership to audiences in rural and urban India, the UK and US.

#### **Organization Profile:**

Agastya is a movement led by entrepreneurs, educators, scientists, teachers and children to revitalize and transform primary and secondary education in India and provide an affordable education model that can be replicated anywhere in the world.

Through interactive high-impact grassroots education, Agastya aims to inspire and catalyze effective and widespread social development, innovation and leadership.

(<http://www.agastya.org/who/who-we-are>)

#### **Impact:**

Agastya has reached hands-on science education to nearly 2.5 million disadvantaged children and 100,000 teachers in rural India.

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#### **Profile:**

Ravi Gulati has a post graduate degree in business management from Indian Institute of Management- Ahmedabad and started his corporate career in Canada which only last eight months. The job didn't excite him so he went ahead pursuing course in Environment Education from CEE, Ahmedabad. He wanted to work in rural India but stayed in city because of two poor students who needed tuitions from him. He started teaching children of barbers, electricians, maids, drivers and others.

He also got involved with Trees for Life (later HIMCON), an NGO working with rural Himalayan communities. He is a board member of Jansamarth, an NGO in remote villages of Himalaya for generating electricity through micro-hydro power plants for electricity and livelihoods.

#### **Organization Profile:**

Manzil works with children and youth from the underprivileged sections of the society providing them access to education, creating collaborative platforms where they can get engaged in learning and teaching; and are encouraged to explore the world in unconventional ways. In a way, it has invested and is investing in creating an environment conducive for spawning the next generation of global citizen with small grants and funding from people.

#### **Impact:**

In the span over decade, Manzil has influenced the lives of over 4000 youths from local low-income background involving them constructively in various extracurricular and creative activities along with giving them the wings of education.

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#### **Profile:**

Mr. Ravindranath, is an engineer and holds Masters in Rural Energy from IIT Delhi. He started his work with SWRC, Tilonia and helped communities of different parts of India to build capacities. He also advocates policy changes to help the people of the region.

#### **Organisation Profile:**

Rural Volunteers Centre with the aim to promote self reliant development activities based on public needs, choices and is one of the leading grass root organizations of North East India committed towards promoting self-sustaining development initiatives, determined by people's needs, alternatives and priorities with use of local skills and resources.

RVC works on capturing opportunities, use of appropriate technologies, providing room for learning through practices of the local people, adding values to income generating practices, policy educating and promotion of advocacy.

#### **Impact:**

In the span of about 15 years, they have inhabited the underprivileged sections of society in blocks of three districts in Assam and eight states of North-East.

Mr. Ravi Ghate  
Digital Empowerment Foundation,  
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#### **Organisation Profile:**

Digital Empowerment Foundation, a Delhi based not-for-profit organization was registered on December 2002; to find solutions to bridge the digital divide. It was founded to uplift the downtrodden and to create economic and commercial viability using Information Communication and Technology as means.

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Prof Ravi Poovaiah  
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Indian Institute of Technology,  
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Fax: 091-22-2576 7803; 091-22-2578 3480  
email: [ravi\[at\]iitb.ac.in](mailto:ravi[at]iitb.ac.in)



#### **Profile:**

Professor Ravi Poovaiah is senior faculty member at the Industrial Design Centre (IDC), Indian Institute of Technology (IIT) Bombay.

His research interests are in areas related to Visual Language, Information Visualisation, Visual Narratives, Interaction Devices, Collaborative Learning Environments and Designing for Children.

He is involved with building open source digital resources related to 'Design Learning', 'Folk Tales', 'Designing for Children', 'Design of Way-finding Systems' and 'Design in India' with access to networked information.

He has been co-ordinating along with NID and IIT Guwahati, a Ministry of Human Resources sponsored project named 'e-kalpa' to build an open source digital learning environment for design in India.

He is also coordinating a research project on experimenting with Social Media called 'The Centre of Social Media Innovations for Communities (COSMIC)', a collaborative initiative between IIT Bombay and the universities from Singapore - NUS and NTU. COSMIC aims to empower communities, through social media innovations that improve the way they live, work and play.

Professor Poovaiah has worked on projects with major industry leaders such as Microsoft, Yahoo, Google India, Motorola India, Indian Oil Corporation, Bharat Petroleum Corporation, Bharat Electronics Limited, Siemens India, among others.

#### **Organisation Profile:**

The Centre of Social Media Innovations for Communities (COSMIC) is a collaborative initiative between three centers of excellence – two from Singapore, the NUS (National University of Singapore) and the NTU (Nanyang Technological University), and one from India, IITB (Indian Institute of Technology Bombay, Mumbai). The centre is supported by the multi-agency Interactive Digital Media Programme Office (IDMPO) hosted by the Media Development Authority (MDA) of Singapore.

COSMIC aims to empower communities, through social media innovations that improve the way they live, work and play, specifically those in the informal economy who are typically underserved by existing technology vendors and telecom service providers.

The research envisions new interaction paradigms and information technology scenarios, which have the potentials to empower the next billion users - focussing on the common man in its everyday pursuit of activities in the 21st century.

The four strands presently taken up for building social media solutions/interventions are agriculture, health, technology infrastructure, and social tools to help port the solutions.

The strategic goal of the project is to leverage social media applications for large scale use through scaling up of our solutions across countries from Asia and Africa with similar socio-economic-cultural contexts.

The Centre intends to partner with industry and institutions in Singapore/India and elsewhere to test and deploy technologies. COSMIC is, therefore, keen to invite potential stakeholders to help disseminate these solutions.

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<http://www.aravind.org/>



## Profile

Dr. R.D. Ravindran is the Chairman of Aravind Eye Care System since 2010 and a practicing ophthalmologist. In this capacity, he oversees the activities of Aravind Eye Care System and is responsible for the effectiveness of the organization in pursuit of its mission to eliminate needless blindness.

Also serve as the Director – Quality of Aravind Eye Care System and involved in initiatives to standardize “quality eye care” across the system. Current work involves developing patient safety measures across Aravind eye care system and in developing a registry for quality assurance in cataract surgeries.

Also involved in teaching eye health management courses and consulting for Capacity Building of eye hospitals across the world through the Lions Aravind Institute of Community Ophthalmology (LAICO), which is one of the divisions of Aravind Eye Care System.

Research interest lies in the field of epidemiology of cataract and was involved in Indeye Study of Age-related Eye Diseases such as cataract and age related macular degeneration from 2004 to 2012.

Serve as a Board Member of “VISION 2020; RIGHT TO SIGHT INDIA” since 2008, which is NGO that coordinates the activity of all national and international organisations involved in community eye care activities in India.

## Organization Profile

The Aravind Eye Care System (AECS) includes a network of 65 eye care centres including 10 hospitals, 6 outpatient clinics and 49 primary eye care centers in villages. It also runs PG Institutes of Ophthalmology in five of its hospitals, has a consulting division for replicating Aravind model in over 300 eye hospitals, a research facility named after Dr.G.Venkatasamy and Aurolab a manufacturing facility.

Aravind is a WHO collaborating centre for the prevention of blindness for the past 17 years.

Aravind handles more than 3 million outpatients per year and performs 378,000 surgeries annually with about 50% of the patients receiving free or subsidized care. Aravind's outreach programmes consisting of screening camps, primary eye care centres and community eye clinics take the services to one –third of the total patients. The institute offers education and training programmes for different cadres of eye care professionals. Around 8,000 practising eye care professionals around the world have been trained at Aravind.

Aravind always believed in proactively helping the development of other eye hospitals and making them effective. And, in order to truly realize its mission, Aravind needed to go beyond the state of Tamil Nadu in India that it serves primarily. The Lions Aravind Institute for Community Ophthalmology (LAICO) was established in 1992 to proactively and systematically promote best organizational practices through training and consultancy.

Dr.G. Venkataswamy Eye Research Institute, run by the Aravind Medical Research Foundation was formed to investigate the causes and treatment of various eye diseases and problems related to delivery of eye care. The research activities at Aravind reflect Aravind's commitment to finding new ways to reduce the burden of blindness.

Aravind has also ventured into the realm of manufacturing ophthalmic supplies with Aurolab producing high quality IOLs, sutures, blades, and pharmaceuticals at a fraction of their cost in the west. Aurolab, supplies intraocular lenses and other surgical products to over 120 countries worldwide.

## Impact of Work

Since its beginning in 1976, Aravind has handled more than 41million outpatient visits and performed close to five million eye surgeries. Aravind Eye Hospitals account for 30-35% of the total cataract surgeries done in Tamil Nadu and 4% of the surgeries performed in India annually. This we feel has played a major role in bringing down the prevalence of blindness in Tamil Nadu from 1.69% in the eighties to the current level of 0.8%.

Aravind's permanent eye care centres in rural areas (primary eye care centres) see more than 3 lakh patients a year. These centres have the real potential to achieve and ensure universal coverage in eye care. The people who received affordable eye care at world class standards were able to re-enter the work force and support themselves and their families. This way the overall standard of their life was much improved.

Different campaigns organised by the hospitals on various occasions have increased the awareness level in the community on various eye diseases such as diabetic retinopathy, retinopathy of prematurity, glaucoma and so on. The community outreach model pioneered by Aravind is now being followed by hospitals across the country.

Aravind's unique fee structure and delivering free services to 50% of its patients from the income it generates from paying patients has become a model for eye care in the developing countries.

307 hospitals from 29 countries across the globe have benefited from Aravind's consultancy and capacity building services. Around 8,000 eye care personnel from about 100 countries have received training (both management and clinical) at Aravind. This has resulted in most of these hospitals doubling their output within two years of engagement.

As Aurolab's sales grew, prices of intraocular lenses fell worldwide, making western companies sensitive to economic realities in the developing world. Aurolab now manufactures two million lenses annually and exports to 130 countries. It produces affordable ophthalmic supplies, meeting more than 10% of worldwide needs.

Research at Aravind is influencing preferred practice patterns in developed countries. Aravind's research in fungal keratitis has been widely acknowledged worldwide. The results of the randomized clinical trial in fungal keratitis have been cited as a scientific evidence for various institutions in the world to formulate their therapeutic strategy for fungal keratitis.

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Ms. Rita Soni,  
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#### **Profile:**

Rita holds Bachelor of Electrical Engineering (Honors) from Stevens Institute of Technology in Hoboken, New Jersey and Masters of International Affairs (MIA) from Columbia University's School of International and Public Affairs (SIPA). She is the CEO of NASSCOM Foundation from 2010. She was associated with various sectors private and non-profit both. Her journey started with General Electric to Corporate Audit Staff to NBC. She was Country Head, Yes Bank managing Responsible Banking, a unique business concept of CSR and sustainability. He also worked with American India Foundation (AIF) leading advocacy of Indian operation.  
(<https://www.nasscomfoundation.org/who-we-are/leadership/147-rita-soni.html>)

#### **Organisation Profile:**

NASSCOM Foundation, a non-profit organization is building a network that causes positive change with the help of technology. NASSCOM Foundation is aimed to connect the demand and opportunity that exist in the market by means of their industry body NASSCOM. Their work is just developing and progressing as the potential to serve the needs of technology and the companies.

#### **Impact:**

The foundation is changing the technological and social fabric of India with the help of its four major stakeholders - NASSCOM, NGOs, emerging social enterprises and Government



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#### **Profile:**

Ms. RizioYohannan Raj holds specialization in comparative literature, translation study and is an educationist, translator, writer, and editor. She is associated with Department of Collegiate Education, Government of Kerala. Earlier, she was Asst. Professor, Central University of Kerala and was editor with Navneet and Katha.

She was instrumental in designing the curriculum of comparative literature of Central University, Kerala and her book on comparative studies features scholars across the world sharing their inputs on viable curriculum. She has been associated with Indo-Swedish translation project.

Her latest literary work includes poems Naked by Sabarmati and other poems of Guna, published by SahityaAkademi, Delhi.

#### **Organisation Profile:**

With an administrative authority of 13 Government Colleges in Kerala Dept. of Collegiate Education was established in the year 1957. The Department has colleges in various discipline like Arts and Science, Music, Training and Physical Education. The department is spending the central and state funds for the developmental activities in the higher education.

#### **Impact:**

The Department helped students of the backward class to pursue higher study with the help of scholarship.



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### **Profile:**

S. Damodaran is the Founder of Gramalaya – an Indian NGO that has recently led successful campaigns in the rural and urban areas in Tamil Nadu. Through the Community Led Total Sanitation Campaign and innovative approaches in the water and sanitation sector, the NGO got recognition from Government of India as one of the approved National Key Resource Centre and got the National Urban Water Award for the year 2010. The Founder S.Damodaran is associating with Gramalaya since its inception with more than 30 years of experience in the sanitation sector. He was instrumental in declaring India's first village Thanadavampatti as 100% open defecation free in Tamil Nadu and declared the India's first slum Kalmandhai as open defecation free zone with the support of Tiruchirappalli City Corporation. He has designed the innovative child friendly toilet models suitable for urban slums, anganwadi centres and for the schools. With his mentorship, Guardian Microfinance Institution, a first MFI in the world was promoted by Gramalaya which is only providing loans for household water connections and toilets construction. Upon the successful, repayment of toilet loans and the impact created, several NGOs and MFIs have come forward to provide loans for toilet construction in the rural areas and urban areas. Gramalaya is the approved National Key Resource Centre of the Ministry of Drinking Water and Sanitation, Government of India, New Delhi.

### **Organization Profile:**

Gramalaya was established in 1987 with a group of committed youths in the field of rural development. Gramalaya has got its legal entity by registering under the Indian Trust Act of 1882 with a registration No.72/87 on 11.6.1987. The ultimate goal of Gramalaya is to work for the amelioration of socially downtrodden people under the integrated rural development approach. Since 1987, Gramalaya has been operating in selected Districts of Tamil Nadu including Thottiyam and Thathaiengarpet and Thuraiyur Block in the rural areas and in the slums of Tiruchirappalli City Corporation in Tiruchirappalli District. Health and hygiene education, promotion of Self-help Groups among rural, urban and tribal women, construction of latrines and safe water supply through micro-credit are the major activities of Gramalaya.

National Institute for Water and Sanitation – NIWAS – approved by Government of India as Key Resource Centre

The successful intervention in the rural, urban and coastal areas (tsunami affected fishermen villages) during the last

health intervention, toilet technology park, introduction of water saving toilet pans for rural and baby pans, effective documentation system led Gramalaya to be one of the national and international resource organizations for water and sanitation activities. As a result of the 25 years of hard work and commitment to the vision, Gramalaya is visited every month, weekly by many international organizations, national organizations, Government departments, NGOs, researchers and academicians. Gramalaya is one of the approved Key Resource Centres (KRC) of the Ministry of Drinking Water and Sanitation, Government of India, New Delhi. Through KRC, Gramalaya will provide training on water and sanitation to the Government Officials and NGO representatives in the three southern states covering Tamil Nadu, Andhra Pradesh and Karnataka. The NIWAS located at the Gramalaya Training Centre is having a Centre for Toilet Technology and Training and a Water Technology Park with training infrastructure facilities to accommodate 30 inmates with audio-visual equipments and resource materials.

Gramalaya's approach to water, sanitation and community development

This approach document was prepared for the better understanding of governing body members, staff working under different projects of Gramalaya and the donors so as to get more clarity on the project concepts and implementation. It was prepared based on the 25 years experiences of Gramalaya in the field of water sector and feedback from experts, consultants, donors and other stakeholders. The staff to be recruited for the water and sanitation projects would be given orientation on the approaches to different project components including transparency, accountability, exit strategy and sustainability aspects. The inputs from the community based organizations were the major contributing factors for this document. The detailed version of approach document is available in the website of [www.gramalaya.in](http://www.gramalaya.in)

Currently, Gramalaya is supported by Water.org, USA, Arghyam, Bangalore and UNICEF, Chennai. The Ministry of Drinking Water and Sanitation, Government of India has recognized Gramalaya as one of National Key Resource Centres for providing training to Government officials on water, sanitation and hygiene aspects for three Southern States including Tamil Nadu, Andhra Pradesh and Karnataka. Gramalaya is a consultant organization for NGOs working for water and sanitation in India and abroad and also providing training and capacity building for Micro-financial Institutions which are interested in taking water and sanitation initiatives through their micro-credit

two decades, innovations like child friendly toilets, community managed pay and use toilets systems, school programs.

### **Impact of work**

As a result of more than 2.5 decades of its work in Tamil Nadu, the Tiruchirappalli City Corporation got the Award for its outstanding works in providing sanitation facilities for the slum dwellers based on the initiatives of Gramalaya like Community managed toilets by women self-help groups, child friendly toilets, declaration of slums as open defecation free zones with the support of WaterAid, UK and Arghyam, Bangalore and Tiruchirappalli City Corporation. There was a paradigm shift from conventional approach of providing toilet subsidies to the households wherein the women are getting loans for toilet constructions and are repaying the sanitation loans 100%. An exclusive Micro-finance Institution named as Guardian MFI [www.guardianmfi.org](http://www.guardianmfi.org) was promoted by Gramalaya for providing toilet and water loans first time in India and perhaps abroad. Based on the successful experience of Gramalaya, leading MFIs and NGOs in India are now engaged in providing sanitation loans to the slum dwellers and rural families through their micro-credit program.

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Gramalaya has established the first Centre for Toilet Technology and Training with more than 24 toilet models at its Training Centre in a rural setting. The projects implemented by Gramalaya in the water and sanitation sector are being replicated by other leading NGOs and MFIs in India and globally. Gramalaya through the support of WaterAid, Water.org and Arghyam has supported the rural families to construct more than 100,000 toilets in Tamil Nadu which are still being maintained and used by the families for a period of 25 years and more sustainably.

Mr. Sabarinath C Nair

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### **Profile:**

Sabarinath Nair is an engineering & management professional with wide experience in development and marketing of technology solutions for Indian needs. He has Founded Skillveri along with Kannan Lakshminarayan, to help address the skill gap in India through technological interventions.

### **Organization Profile:**

Skillveri enables better quality delivery of practical vocational skill training at significantly lesser costs through its innovative, scalable platform of simulators, SkillTunes. The first simulator on SkillTunes, AURA, a welding training simulator, is helping address the shortage of 22 Lakh welders in India over the next 6 years.

### **Impact of Work:**

Studies have been conducted to measure the cost of skill deficiencies vs the cost of skill upgradation of workforce in manufacturing sector

The first simulator on SkillTunes, AURA, has been acknowledged by both industry and vocational training institutes and industry as the most effective (in cost and quality) method to assess and impart welding skills.

Dr. Samindranath N. Mukherjee  
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#### **Organisation Profile:**

Ajeet Seed is the first private seed company to introduce proprietary variety of Wheat Ajeet-102. The progress is continued and spontaneous. As a result the product profile of the company covers 22 crops and their 55 different hybrids varieties.

With the clear understanding the pivotal role of Bio-technology in seed industry, a separate research division, Plant Biotechnology Research Centre (PBRC) had been established in 2003 at Hanumantgaon, Taluka Gangapur. This Centre has been recognized as a Research Centre by Dr. Babasaheb Ambedkar Marathwada University.

The Company established a "State of Art" laboratory supported by team of expert scientists headed by a Veteran Biotech Expert. The company is trying to develop own / indigenous transgenic technology for the crops which shall accelerate the progress furthermore in the nearest future.

Ajeet Seeds, the company with many years of excellence and earnestly dedicated to farm prosperity, is already geared up for genetic research using crop bio-technology for the prosperity of Indian farmers. Accordingly it has introduced genetically modified three Bt Cotton hybrids in Kharif-2006.

#### **Impact:**

He wishes to contribute to the augmentation of agricultural output

Mr. Sanjiv Kaura  
CEO, Bennett Coleman,  
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Phone: (011) 23302000



#### **Profile:.**

Sanjiv Kaura is CEO of the Corporate Social Responsibility division of Bennett, Coleman & Co.Ltd and offers service as Lieutenant in the Territorial Army a month every year. He initial years of corporate career was with ICI plc and got a chance to lead multicultural team and achieved tremendous growth and went on to become the youngest country CEOs ICI at 28.

He was associated for stints in Wilmington, Delaware, USA and Blakeley, UK. On his return to India in 1998, he was involved with forming public private partnership in education and skill enhancement. Sanjiv received the best national field work award and was adjudged 2nd runner up in Lead India campaign, an initiative of Times of India.

#### **Organisation Profile:**

The Times Group is India's largest media conglomerate with its flagship Bennett, Coleman and Company Limited (BCCL) being the largest publishing company in India and South-Asia. Starting off with The Times of India, BCCL and its subsidiaries (called The Times of India Group), are present in every existing media platform – newspapers, magazines, books, tv, radio, internet, event management, outdoor display, music, movies and more. With a turnover exceeding a billion dollars, the group has the support of over 25,000 advertisers, 11,000 employees and an audience spanning across all continents.

#### **Impact:**

They have played an important role in verticals like education and have started an initiative called Teach India. The initiative has yielded fruitful results in all the four metros and many other cities. Even the NGOs and corporate have agreed to partner the initiative and send their employees during office hours to teach.

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### **Profile**

Sandesh Ramu is an Assistant Professor at the Industrial Design Centre (IDC), Indian Institute of Technology (IIT) Bombay. He did his Masters Degree in Industrial Design from the Industrial Design Centre, IIT Mumbai.

He has worked on the following Projects:

#### **Post Tsunami Rehabilitation in Andaman and Nicobar Islands:**

Received invitation from TISS Mumbai, conducted a survey for livelihood opportunities in Camp Bell Bay, Nicobar as part of Post Tsunami livelihood rehabilitation programme by TISS and Andaman and Nicobar Islands Administration. Based on the survey a bamboo craft training programme was organised for about 20 tribal youth from the Nicobar archipelago affected by Tsunami, as part of livelihood rehabilitation measures. May 2009.

#### **Livelihood initiatives in various blocks and clusters of Gadchiroli Forest Division:**

Formulated recommendations for craft based livelihood opportunities based on a comprehensive field survey in various clusters of Gadchiroli Dist., funded by Forest Department, Govt. of Maharashtra. Also identified appropriate tribal communities in Gadchiroli Forest Division, as an initial selection process for Skill Up-gradation programmes under various Social Forestry Schemes. November 2011. This was a two member team activity along with Prof A G Rao.

### **Shraddha: Autism Design Initiative**

Design of process, products and systems for the Autism affected student of Sharaddha Trust, Mumbai. The activities have been sustained by way of internship work and MDes level projects by students of IDC and elsewhere. The continuous and sustained work and resulted in a range of products and processes especially evolved for the Autistic adults and has been tested for implementation. The products are positioned to be sold as souvenirs developed by the autistic students of shraddha..

His research interests include Form Design, Sustainable Design, Social Design, Craft Culture Design and Development.

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### **Organisation Profile:**

To promote environment awareness nationwide, Centre for Environment Education (CEE) started in 1984 having head office at Ahmedabad. It was marked as a Centre of Excellence with generous supported from the Ministry of Environment and Forests, Government of India.

CEE is associated to the Nehru Foundation by inheriting resource base of Nehru Foundation for Development. CEE is dedicated to promotion of sustainable development by means of Environmental Education. It organizes demonstration projects in education, communication and development that supports thoughts, policies and sustainable environmental technologies.

### **Impact:**

Some of its major programmes which have had great impacts are:

Paryavaran Mitra programme – nationwide ESD school programme

Ganges River Dolphin – Conservation Education Programme  
Children Forest Programme(CFP)

National Green Corps (NGC) – school eco-clubs programme is a national programme conceptualized and initiated by the Ministry of Environment and Forests, Government of India. As the name suggests, it is a programme to sensitize school children about environment, its problems and conservation. Started in the year 2001, the programme is operational across the country through school eco-clubs established for this purpose.

Strengthening Environmental Education in the School System(StrEESS) infuses environmental concepts in the school curricula

Environmental Education in Schools of Andhra Pradesh (EESAP) reaches out to 1000 schools in Andhra Pradesh

Anandshala developed model 'Eco Schools' in three districts of Gujarat

Educational Programme on Science and Environment – EE activities for teaching science

School Education to Support Asian Elephant Conservation  
Global Learning and Observations to Benefit the Environment (GLOBE)

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### **Profile:**

Prof. Satish holds B.A. in Economics from Gokhale Institute of Politics and Economics, Pune, has done M.S. in Economics and Ph.D. in Agriculture Economics from Ohio University, USA. His areas of interest are agricultural trade, imperfect competitive market structures, food quality management, and micro-finance. He has many publications which includes management cases, books, journal articles, etc in his name.



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#### **Profile:**

*Saumya Joshi is the Associate Director for Student Engagement and Applied Learning at the Indian School of Business. In her role, she is responsible for all facets of student learning that take place outside the core curriculum viz. practicum courses, exchange programs, entrepreneurship development and cultural immersion. Prior to joining ISB, Saumya has worked with HT Media Ltd., Ernst & Young and Deloitte. She completed her graduation in Economics from Shri Ram College of Commerce, Delhi University and is an MBA from the Indian School of Business*

#### **Organisation Profile:**

*The Indian School of Business (ISB) evolved from the need for a world-class business school in Asia. The founders, some of the best minds from the corporate and academic worlds, anticipated the leadership needs of the emerging Asian economies.*

*They recognised that the rapidly changing business landscape would require young leaders who not only have an understanding of the developing economies but who also present a global perspective. The ISB is committed to creating such leaders through its innovative programmes, outstanding faculty and thought leadership. Funded entirely by private corporations, foundations and individuals from around the world who believe in its vision, the ISB is a not-for-profit organisation*



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**Profile:**

Dr. Shalini Rajneesh has joined the Indian Administrative Service (IAS) in the year 1989 as Women Topper. She has completed MA (Psychology) from Punjab University, Ph.D. from Mangalore University, MBA from Latrobe University, Australia. She is the University Gold Medalist in B.A. and MA in Psychology. She has presented many papers at National and International levels. She has written books in English and Kannada covering subjects like Management, Personality Development, Women Empowerment, etc. She has been selected as "Bureaucrat of the Month" twice i.e., during the month of January, 2011 and February, 2013 by the "Bureaucracy Today" News Magazine, New Delhi.

She has worked in many capacities in Government of Karnataka and in Delhi with Government of India in the Ministries of Finance, Civil Aviation, Shipping, Agriculture and Road Transport. Her most momentous experiences have been during her stint as Deputy Commissioner, Belgaum District and Secretary to Government, Women and Child Development Department and Panchayat Raj Department.

At present she is working as Secretary to Government, Department of Personnel and Administrative Reforms.

**Achievement:**

She is in charge of implementing Karnataka Guarantee of Services to Citizens Act, 2011 popularly known as "Sakala", which is in force since April, 2012. This unique Act ensures that Government servants deliver 419 services to the citizens, within stipulated time, else a compensatory cost payable to the citizen will be deducted from their salaries, besides disciplinary action will be taken for committing more than 7 willful defaults.

Considering her achievements and contributions to women empowerment and public administration and also her role in implementing the Government schemes effectively for the welfare of women, the Karnataka State Women's University honoured her with a degree of Doctor of Literature at the fourth annual convocation, held at Bijapur, on 03.03.2013.

Mr. Sharad Sharma  
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### **Profile:**

Sharad Sharma is an Indian cartoonist and Ashoka Fellow based in New Delhi, India and founder of World Comics Network. He was associated with many newspapers and magazines before he switched to electronic media and introduced political animation to Indian TV news channels. In late nineties he formed an organisation World Comics India to introduce the idea of grassroots comics. The idea was to take this new communication medium to the masses. He took the art of cartooning and comics to the rural hinterland of India and other parts of the globe. He has extensive experience from workshops with a variety of organisations in India and internationally. His cartoon strip *Develomentoon* has been published in several newspapers and website internationally. He has published several books and manuals. He has been helping small organisations working in remote areas to initiate social campaigns using grassroots comics on issues like infanticide, foeticide, corporal punishment, pedophilia, stereotypes etc.

### **Organisation Profile:**

World Comics India promotes the use of Grassroots Comics – a medium that distinctly from mainstream comics and gives people a chance to express themselves. Drawing skills are secondary in grassroots comics; the message, one wants to convey, holds more importance.

To date over 50,000 people have drawn such comics at the 1,000-plus workshops organized by the World Comics through its network across the globe – be it Asia, Europe, Africa or Latin America. WCI, is a Delhi based organisation which runs its activity without any full time staff but with the support of thousands of volunteers. A copy left movement World Comics has made all its content available free to download on its website.

Check more on our website: [www.worldcomicsindia.com](http://www.worldcomicsindia.com)  
facebook: comics power

### **Impact of Work:**

World Comics India has taken the medium of comics to the common masses and freed this genre of visual storytelling from mythological and superhero tales. Thousands of people across the globe be it rickshaw-pullers, vegetable venders, government school teachers, social work or mass communication students all have learnt to use this new mode of communication to express their concern and real life stories. World Comics has conducted majority of its workshops in remote and conflict ridden regions of the globe. Issues not getting attention of mainstream media are no longer remains uncovered as thousands of comics journalist trained by WCI have been reporting from ground zero.

Prof. Shekhar Chaudhuri  
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#### **Profile:**

Professor Chaudhuri is post graduate in Management from IIM, Ahmedabad and served nearly 27 years as Assistant Professor in the Business Policy Area.

He has been Visiting Professor in the Department of Management, College of Business and Administration, Southern Illinois University at Carbondale, Illinois, USA; Visiting Professor in the Strategy, Organization and Human Resources Group at ESCP – Paris School of Management. He served as the Dean of the Vinod Gupta School of Management, IIT, Kharagpur. He was Director, IIM Calcutta for two consecutive terms.

Professor Chaudhuri has worked as consultant to various organizations both in the private and public spheres. Apart, he has also been a consultant to The World Bank. Prof. Chaudhuri is also on the boards of several public sector companies and institutions and has been a member of several high level committees set up by the Government of India.

#### **Organisation Profile:**

The School of Management and Entrepreneur affiliated to Shiv Nadar University offers Master of Business Administration, the program devised to respond the needs of the industry and to offer a quality education to students who have passion to be outstanding leaders of the organization

In developing countries like India, it is difficult for government to create job opportunities for the teeming millions and to support the government in creating job opportunities SME offers programs and organize activities to train and encourage students to become entrepreneurs.

#### **Impact:**

The School of Management and Entrepreneurship has entered into a partnership with Babson College for offering programs and courses in Entrepreneurship.

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**Organisation Profile:**

*In June 2011, Ministry of Rural Development (MoRD), Govt. of India, initiated Aajeevika - National Rural Livelihoods Mission (NRLM) with a mission to enhance the income of rural poor by sustainable opportunity and by providing access to financial services. NRLM plans to cover about 7 Crore BPL family, across 600 districts, 6000 blocks, 2.5 lakh Gram Panchayats and 6 lakh villages of the country by self-managed Self Help Groups (SHGs) and federated institutions and to offer support livelihood opportunities in some 8-10 years. Along with this, the underprivileged would be assisted in accessing its rights, entitlements and public services, facilitated to achieve increased access to their rights, entitlements and public services, varied risk and improved social indicators of empowerment. It believes in harnessing the inborn abilities of the poor and helps them achieve varied capacities (information, knowledge, skills, tools, finance and collectivization) to participate in the activities of improving Indian economy.*

**Impact:**

*The studies conducted by National Institute of Rural Development (NIRD), Hyderabad, Bankers Institute of Rural Development (BIRD), Lucknow, Centre for Management Development, Thiruvananthapuram and reports of the Steering Committee constituted by the 11<sup>th</sup> Planning Commission have showed that the schemes have been found promising in minimizing rural poverty through building capacities and inculcate skills in process intensive manner by mobilizing poor into the SHGs.*

Mrs. Snehalata Shrikhande  
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### **Profile:**

Snehalata Shrikhande, originally from Mumbai was always aggressively involved in extra-curricular activities in and out of school. She received her Junior BA in Psychology, and completed her BA in Economics from SNDT University in 1958.

She was a devoted home maker until 1980. Her career in the social activities began when she relocated to Pune.

In 1980 – she became involved in issues of solid waste management – segregation, collection and recycling, which began from her residence.

In 1982 – Founder & Joint Honorary Secretary – Save Pune Citizen Committee (SPCC) Snehalata played a pivotal role in realigning of the bypass (Bombay/Bangalore Highway) outside Pune between Dehuraod and Katraj. Comprised of retired engineers, commissioners, and high-profile public servants, this movement caused the plan to be realigned drastically reducing carbon emissions for the city.

SPCC played an important role in the 1982 developmental plan for the city. A 29 pages report was generated with finding and comments on this plan including traffic plans, environment and city planning issues. A lot of credibility for NGOs came through with this work, and city alliances were formed between Mumbai and Pune.

Since then, Snehalata has been closely associated with other movements such as the Environmental Education and Research Center, WWF, and International Coastal Cleanup – a group formed by Friends' Society, taking up the project of cleaning the mula-mutha river.

In 1990 - Through her expertise on garbage segregation and vermiculture biotechnology, Snehalata became associated with Shelter Associates, Pune.

In 2004 – She acted as a resource person for Jagriti programme held by YASHADA conducting workshops for safai kamgaars,

In 2008 – As Associate Executive Director with Shelter Associates, working full time and was involved in the IHSDP housing projects and sanitation projects started in Sangli. She became a trustee and the eventually the President of the Shelter Associates Trust.

### **Organisation Profile:**

Shelter Associates (SA) a Non Government Organization (NGO) working in the field of sanitation and inclusive housing for the poor has made “One Home – One Toilet “its mission to improve health and reduce social inequality.

Shelter operates in 4 core areas:

- Housing the urban poor,
- Health, hygiene & sanitation,
- Livelihood
- Mapping & research.

Since its inception in 1993, Shelter Associates has provided 2000 + individual toilets and impacted 40000 people directly with just sanitation projects. Additionally, SA has mapped spatial data of over 1.5 lakh households to establish critical gaps in delivery of services like sanitation, water, electricity. Under the VAMBAY and JNNURM programs, SA has reached out to about 10000 people with sustainable housing projects.

Shelter Associates has been working on two city-wide sanitation and low-income housing projects in Maharashtra (in Pune and Sangli. These projects are funded by grants awarded by Dasra (March 2013) and Google Giving (October 2013). Very recently Shelter has taken up rapid appraisals surveys in the Pimpri - Chinchwad area.

As a part of city wide sanitation project in Pune and Sangli, Shelter has mapped infrastructure for 318 eligible slums across the 15 wards in Pune and 36 slums in 4 wards in Sangli. Shelter Associates website linked with PMC portal for up to date information on slums that can be used by municipal, governmental and other agencies.

Shelter uses the GIS technology to map the slums infrastructure and social economic condition. Shelter Associates was featured for its innovative use of GIS mapping + Google Earth as an urban planning and development tool to help the urban poor gain access to housing and scarce resources, and was the only organization in India to be featured under the ' Google Earth Hero'series.

Shelter Associates welcomes support from corporate and individuals. We are happy to receive assistance in the form of financial support or by receiving sponsorships for individual toilets to the families living in these settlements.

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### **Profile:**

*A cause warrior if there was one, Sonia Suryavanshi persuaded a group of nomads to settle in her village of Sarasar to send their children to school when she was 14 years old. Now 27, she has devoted the last 13 years to many righteous causes. She started off by setting up an agarbatti unit to give local women jobs. That venture folded up, but her next attempt, to get polythene banned from the local market, was taken up by municipal officials. She is a messiah-on-wheels, riding her two-wheeler from one village to the next, raising awareness about education and women's empowerment. In 2010, she took up the cause of children of lepers. "I petitioned local schools to consider these kids as potential students. They ignored me," she says. She finally found help from then-Udham Singh Nagar district magistrate R. C. Puroshottam. Over 300 kids of lepers are now enrolled. Next in line is revolutionising farm practices. "I can imagine myself riding a tractor," she says confidently.*

(<http://indiatoday.intoday.in/story/rural-rockstars-sonia-suryavanshi-give-jobs-to-rural-women/1/216515.html>)

### **Organization Profile:**

*The Honey Bee Network is an organization that collects and disseminates traditional knowledge and helps facilitate and spread grassroots innovation throughout India and elsewhere.*

*Established in 1986-87, The Honey Bee Network (HBN) is a volunteer based network that seeks innovative ideas and Traditional Knowledge (TK) produced at the grassroots level by individuals and communities and disseminates them to the wider ecosystem.*

*As the name implies, HBN derived its philosophy from honey bee which gathers nectars from flowers, helping them pollinate and fulfill their purposes, while at the same time make honey from the nectars collected without hurting the flowers. Whilst HBN gathers the knowledge base, they always give due recognition to the knowledge provider when disseminating his or her knowledge and/or innovation with wider communities, unless the knowledge provider desires not to do so.*

*HBN is an amalgamation of like-minded people, be it innovators, farmers, scholars, academicians, policy makers and entrepreneurs, institutions and civil society. The Network signifies a philosophy of discourse that stands on the three pillars: the discourse that is authentic, accountable and fair.*

*HBN's primary purpose is to support grassroots innovators who are rich in knowledge, but not in resources. It is one of the pioneering organizations in India that focused principally on the poor.*

### **Impact of Work:**

*Her campaign for education rights of kids suffering with leprosy resulted in admission of over 300 kids of lepers in government and private school.*



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#### **Profile:**

Swapnil Chaturvedi a.k.a Poop Guy, is Founder, CEO and Chief Toilet Cleaner at Samagra. He is an Ashoka Fellow, Starting Bloc Fellow and a divergent thinker with extensive experience in Management, Design and Innovation. He believes that answer to wicked problems lies in innovative use of Psychology, Technology and Design.

#### **Organisation profile**

Samagra is a Gates Foundation supported social enterprise dedicated solely to solving the issues related to Sanitation and Waste Management in Urban Slums. Samagra's mission is to enable the Poor lead "**healthier, productive, dignified and Empowered lives**".

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#### **Impact of work:**

They are currently offering sanitation experiences to 5100 daily users. The summary of their impact and their scale up strategy:

- 5 Community Toilets under management
- 128 Toilet Seats
- 5100 Daily Users
- 122 First Time Users
- 600% Increase in People Paying for Toilets
- 92% Customer Satisfaction

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#### **Profile:**

Ulhas Latkar started Ameya Prakashan in 1993 and has since published number of biographies and books on teachers' education. His mission in life is to highlight the stories of extraordinary people achieved a mark in society. He started a free ebooks website marking his presence in the digital publishing fraternity. He always promotes and incorporates the best practices in publishing.

#### **Organisation Profile:**

Ameya is known for books which are rich in content, creatively designed, best packaging and ensure the use of latest technology in the print industry.

It mainly focuses on stories of extraordinary. They have plans to increase the source of literature with authors from diverse backgrounds to reach out the variety of cultures and readers.

#### **Impact:**

Ameya Prakashan entered into 'The Limca Book of Records' for creating national records in publications.

Mr. Vaidyanathan Krishnamurthy  
Head, Innovation and Implementation  
Samhita Social Ventures Pvt. Ltd  
B-305, Cello Triumph, I B Patel Road,  
Goregaon East, Mumbai 400 063. Phone: +91 900 469 4716  
<http://samhita.org/>



#### **Profile:**

Vaidyanathan has over 30 years of experience in the field of corporate social responsibility and social development. He has worked with a wide range of organizations such as Sight Savers, Save the Children DANIDA and USAID designing and executing bespoke CSR projects. His interests primarily revolved around sectors such as health, nutrition, drinking water, sanitation hospital management, disaster management and disability. Over the years, he worked closely with the government of India at the state as well as the national level and played a significant role in setting up district level societies across over 100 districts as a part of India's decentralized planning. In addition, he also set up new ventures, pilot programs and developed standard operating procedures for several corporate organizations and foundations like LANCO, Philips India, Hinduja National Hospitals and Aravind Eye hospitals.

He has worked in several countries in SAARC region and managed numerous programs in Asia and South Asia. His work has been published extensively in social work and social policy journals. He has served on the editorial board of the Community Eye Health – an international journal jointly by the International Centre for Eye Health, London School of Hygiene and Tropical Medicine, London. He was the resource person and advisor to several public health, logical framework approach and development modular trainings for national and international programmes.

He holds a post graduate degree in Economics and a Masters degree of Philosophy in Population Science.

(<http://samhita.org/vaidyanathan-krishnamurthy-head-innovation-and-implementation/>)

#### **Organisation Profile:**

Samhita Social Ventures pvt ltd and Samhita.org is an initiative of Nadathur Trust, established by N S Raghavan, co-founder of Infosys technologies. The Samhita is offering professional service or platform to enable NGOs, companies, donor agencies, individuals, philanthropists, foundations and researchers to engage and interact with one another, form a long term partnership and create large-scale social impact.

#### **Impact of Work:**

Their impact is intense from women's health to free eye check-ups for children, from financial literacy to safe waste disposal, from skill development programs for youth to employment opportunities for rural communities.

The testimonial to the fact is partnership between Deepak Foundation and Stones 2 milestones (NGO) in the field of education. Deepak foundation had resources to build the school and stones 2 milestones had the expertise to change the aspects of education system. This organisations partnership exemplified how sustainability can be achieved over a long period of time.

There are many other case studies too. Below is the testimonial for samhita by Johnson & Johnson:

"The team at Samhita has been instrumental in building an executable module for Support A Woman. Their expertise in working with NGOs and understanding corporate priorities at the same time has helped immensely in smooth execution of the program - Johnson & Johnson"

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### Profile:

Founder member of Student Work Experience and Research bodies PoWER at IIT Kanpur and Technocracy at IIT Delhi, Co-Founder Arnium Technologies, Co-Founder Matribhoomi (NGO). His research Interests are Habitat, Political Economy, Social Empowerment through use of ICT. He is currently engaged in project : Habmap-Habitat Mapping and Networking Platform

### Organisation Profile:

- ✓ Founded in Jan 2012
- ✓ Working Areas: Habitat Mapping & Networking; Web and Mobile Apps; Instrumentation; Sensors Applications and Smart Devices
- ✓ Mentors: Dr T V Prabhakar, Professor, Computer Science and Engineering IIT Kanpur; Dr N S Vyas, Professor, Mechanical Engineering IIT Kanpur, VC Rajasthan Technical University
- ✓ Products: **Habmap** (Citizen Oriented Mapping of Environment and Infrastructure and Health & Navigation Recommendations)
- ✓ Projects Under Consultancy Services: Plasma Tomography Set-Up for Nuclear Physics Lab IIT Kanpur; Complaint Management System for IITK; Project Management System for C-DAC; Automation System for DRDO, HAL; Transportation Survey App for IIT Kanpur; Mobile Messaging Application

- ✓ Main Working Team: Shantanu Agarwal (B-Tech M-Tech IIT Kanpur, Team Leader Nanosatellite Jugnu); Mayukh Chakraborty (M-Des IIT Kanpur); Veerender Kumar (M Sc. Integrated in Economics IIT Kanpur)

### Expected Impact of Work:

- ✓ Relationship between micro-level impact of environmental pollution on health, health-risks and longevity can be established. This can be further used for providing near-real-time health recommendations and predictions to people for reducing their health risks and increasing wellness and longevity based on environmental data.
- ✓ Environmental data will become part of people's understanding of health and environment around them and they will be able to find its connections with:
  - a) Day-to-day activities, and lifestyle of individuals, communities
  - b) Short-run as well as long-run decisions of individuals as well as communities (like which path to commute, where to buy property, where to send children school etc.;
  - c) Infrastructure planning and development.
- ✓ It will help us to measure the environmental impact of any economic activity both positive as well as negative. This will in turn help us to assess our activities, make suitable changes in them and generate needed support and legitimacy.

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### **Profile**

Venkatesh Rajamanickam is an Associate Professor at the Industrial Design Centre (IDC), Indian Institute of Technology (IIT) Bombay. Venkatesh obtained his Bachelor's Degree in Architecture from Regional Engineering College (NIT), Trichy and Masters Degree in Visual Communications from the Industrial Design Centre, IIT Mumbai.

He began his career in 1992 as a Visual Designer for the Multimedia Group at CMC Ltd., Hyderabad, where he was involved in designing and implementing some of the earliest multimedia-based educational programmes created in India.

He has worked in the area of design of technology-enabled education and training, having a wide range of applications in formal education, corporate training, community building, instructional design and knowledge management. He has worked as a researcher at the University of British Columbia and the University of Michigan.

Prior to joining IIT Bombay, Venkatesh was the Deputy Director at the Design School, Singapore Polytechnic, Singapore, where he taught for 15 years and was instrumental in setting up the school.

His research interests include Human Computer Interface, Data Visualization and Technology and Learning

Mrs. Vidisha Kalra, IRS  
Joint Director, Centre for Innovation in Public System  
(CIPS)  
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### **Profile:**

Vidisha Kalra, Joint Director of CIPS belongs to 1991 batch of Indian Revenue Service and was posted as Commissioner Income Tax at Chennai before joining CIPS on deputation basis early this year. She has worked as a Senior Officer of Income Tax Department at various places across the country namely Jaipur, Ajmer, Bangalore, Hyderabad and Bhubaneswar. As an IRS Officer she has primarily dealt with assessments of income of individuals, firms, companies and charitable institutions. Apart from executing Income Tax laws, she also has wide experience of administration at Jaipur and Bhubaneswar. As Joint Director in her current post at Centre for Innovations in Public Systems Hyderabad she is majorly involved in processes related to scouting and identification of best practices in public administration and their dissemination and replication across the country by doing workshops and video conferences.

### **Organisation Profile:**

Centre for Innovations in Public Systems is an autonomous centre set up in May 2010 by Government of India on the recommendations of 13<sup>th</sup> Finance Commission.

Objectives and functions of CIPS are :-

- ✓ To identify, recognize and promote innovations in public systems in the area of management of people, process, systems and services.
- ✓ To provide a range of learning opportunities and services to various stakeholders for building capacity through training programmes, conferences etc.
- ✓ To facilitate sharing of international experiences and exposure to best practices.
- ✓ To facilitate emergence of eco-systems that are hospitable to cost-effective innovative ideas.
- ✓ To help in developing policies for incentives (reward and recognition) to accelerate the process of innovation.

CIPS is primarily working in four areas of Health, Education, e-Governance and Urban Governance and collaborating with Administrative Training Institutes of states and various government departments and directorates for dissemination and replication of best practices. Practices and processes from private sector specially non-profit sector like Aravind Eye Care, Madurai, Vellore Medical College etc are also identified for dissemination into the public systems. About 380 best practices in public delivery system in the areas of Health, Education, Urban Governance and e-Governance have been compiled in CIPS database. Out of them, for 19 practices, detailed documentations have been

dissemination and sensitization of officials and other stake

A large number of innovative practices have been showcased and disseminated for the benefit of various government functionaries at various levels through the training programmes held at State and Central Administrative Training Institutes.

An extensive two year programme involving training of various stake holders including government officials pertaining to 31 Mission Mode Projects in various central and state government departments is underway at CIPS as per the project awarded by Department of Information Technology. CIPS also conducts video conferences on a very regular basis to showcase the best practices across the country.

Various states have shown interest in replicating the best practices from the other states and several pilot projects are in progress like Bio Digesters, Ecosan Toilets, Three Year Medical Practitioners Programme, Integration of Medical Education with Primary and Secondary Health Care, Replication of Mee Seva model for rolling out E-services in Tripura state and IT@School etc.

Department of Information and Technology has sanctioned the Mission Mode Project (MMP) to CIPS for sensitizing and training various stake holders – government, citizens and other partners – relating to 31 Mission Mode Projects across various departments of Central and State Governments.

With a purpose to create a climate and nurture a culture for accelerating and diffusing innovations in public systems CIPS has set up its Annual Awards Scheme to recognise and celebrate innovative practices and processes in various regions of the country. CIPS, as a knowledge hub is also initiating into South-South Knowledge Exchange at the international level.

### **Impact of Work:**

As a national centre for dissemination and replication of the best practices, in a short period of four years CIPS has progressed from a centre primarily for identification and dissemination of innovative practices to a proactive organisation offering hand holding support for replication of initiatives. CIPS has established strong linkages with about 20 states and various nonprofit and academic institutions of repute. In the replication efforts the prominent are as follows:

prepared. Close to 100 programmes have been organised at various locations across the country for the purpose of

1. Integration of Medical Education with Primary and Secondary Health Care – Pilot Basis in 5 Medical Colleges across India, along with Government of India.
2. IT@School, Kerala in Chhattisgarh and Jharkhand.
3. Bio-digesters (of DRDO) for the disposal of human waste in the entire State of Meghalaya.
4. Handholding Support to the Department of IT, Tripura to Roll out E-services in the state – Replication of the Mee Seva Model.

5. NABH Accreditation of Public Hospitals.

6. ECOSAN Toilets (Ecological Sanitation).

7. Recently a project of setting up of vision centres at Common Service Centres in Chhattisgarh state in collaboration with CIPS and Aravind Eye Care, Madurai has been piloted.

Dr. Vijay Kelkar  
Chairperson-CSIR-Tech, Vice President-Pune International  
Center  
Malti Society, Unit No. A-3/1, Survey No. 106/A/2,  
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### **Profile:**

Dr. Vijay Kelkar holds a B.S. from the University of Pune and a M. S. from University of Minnesota and a PhD in development economics from the University of California at Berkeley. He started his journey as the senior faculty of the Administrative Staff College of India in Hyderabad followed the Planning Commission in 1973 and in 1977 acted as Economic Adviser with the Ministry of Commerce. Until 1993 he has served at various posts including secretary to the Economic Advisory Council to the Prime Minister to petroleum secretary in the government to Chairman, Tariff Commission, Government of India, 1997-1998. In 1998 he became the secretary of finance and served as an executive director, International Monetary Fund (IMF), looking after South Asia operations. He retired as Chairman, Finance Commission, Government of India. Dr. Vijay Kelkar has been elected Chairman of the board of the Forum of Federations. He is also holds the post of Chairman, on the Board of Trustees of India Development Foundation (IDF) that address and conduct research on various issues of the economy, seeking to address the issue of selling reforms to a larger constituency. He has also held important positions in the private sector, such as Chairman on the Advisory Council, Citi Group, 2005- 2007; Member of Board of Directors, Tata Chemicals Ltd, Mumbai, 2004- 2007; and Member on the Board of Directors, Jet Airways, Mumbai, 2004-2007



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**Profile:**

Dr Vinay Dharmadhikari, currently an independent consultant to few organizations working in ares of GOOD GOVERNANCE and MICRO-FINANCING & RURAL LIVELIHOOD GENERATION, retired as Senior Director from Govt of India's ministry of Communications and IT, in nov07, from E-GOVERNANCE group, after having worked in govt for twenty years. His assignments included, eGovernance Assessment, dealing with Parliament oversight committees, spearheading E-rural group, functioning as Adviser - SCIENCE & TECHNOLOGY for Ministry of RURAL DEVELOPMENT, functioning as DIRECTOR GENERAL of the autonomous Society--CEDTI--center for electronics design technology, India, and heading the TIFAC – technology information, forecasting & assessment, for Electronics sector. Prior to that Dr vinay headed the HRD function, and the division responsible for electronics usage for social and rural development, regional development and Employment Generation.

Before joining Govt of India, Dr Vinay had lived 18 years in USA, getting his master's in Industrial Engineering, Ph D in management science, worked for two years in the US national bureau of economic research, and for twelve years in Digital Equipment Corp, the largest mini-computer manufacturer then.

He has written over 40 Papers/ Articles on varied subjects, including ICT enabled Agriculture Prosperity, Electoral Reforms, Science & Spirituality and Next-Gen government. He lives in Pune, near Bombay, and donates time for India's Foundation for Restoration of National Values.

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### **Profile:**

Dr. Vipin Kumar is Director and Chief Innovation Officer of National Innovation Foundation-India, an autonomous body of Department of Science and Technology, Govt. of India.

His area of interest is incubation and promotion of green grassroots innovations and outstanding traditional knowledge by way of value addition, intellectual property protection, business development, commercialization and social diffusion. He has keen interest in developing open source technologies, which can be used for people to people dissemination under open innovation framework for generation of employment opportunities for many, reduce cost and/or improve environmental conditions.

He published over 40 Research Papers in the journals of international repute. He commercialized over 25 products based on grassroots innovations through various companies. He was the resource person in UNESCO E-learning course on Grassroots innovation Management and workshops of policy makers, researchers of Asian Pacific Countries organized by Asian Pacific Centre for Technology Transfer (APCTT) to develop the road map for grassroots innovation promotion in different Asian Pacific countries. Dr. Kumar handled over 15 projects as Principal Investigator /Coordinator funded by National and International agencies.

Dr. Kumar is member of various prestigious committees of Department of Biotechnology, Protection of Plant Variety and Farmer's Rights Act, Council of Scientific and Industrial Research, Indian Council of Medical Research, National Biodiversity Authority, Ministry of Agriculture, Govt. of India etc.

### **Organization Profile:**

National Innovation Foundation of India an autonomous body of Department of Science and Technology, Govt. of India started functioning in March 2000. It works on the philosophy of Honey Bee, i.e. Honey Bee has been the source of pollination and cross-pollination of ideas, creativity and grassroots genius, without taking away the nectar from the flower forever.

NIF provide nurturing platform to the grassroots innovators (people from informal sectors) and outstanding traditional knowledge holders of the society.

The Activities of NIF Includes 1) Scouting & Documentation 2) Value addition, Research & Development 3) Business Development and Micro venture 4) Intellectual Property Rights Management 5) Dissemination and Information Technology Management.

NIF recognizes innovations and organize biennial competition to respect and reward the creativity of grassroots innovator and outstanding knowledge holders of the society, children and local creative communities. NIF also organizes Innovation Exhibition at President's Estate in Delhi. Harnessing creativity of children IGNITE award function is organized to bring out the hidden creativity of the children and make them think beyond their textbook.

### **Impact:**

With major contribution from the Honey Bee Network, NIF has been able to build up a database of more than 181,000 ideas, innovations and traditional knowledge practices (not all unique) from over 555 districts of the country.

Through the collaborations with CSIR, ICMR, IITs, NITs, Agricultural and Veterinary Universities and other R&D institutions NIF helps in getting these innovations validated and converting them into value added technologies /products. NIF has filed 595 patents on behalf of the innovators and outstanding traditional knowledge holders of which 35 (thirty five) patents have been granted in India and 5 (five) in USA.

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### **Profile:**

Dr. Yogesh Kulkarni has been involved in various educational activities such as literacy movement and offering education to slum children during his college days. After completion of his graduation in engineering and post-graduation in management, he worked for a multinational company for three years and then decided to continue working on his passion for education and joined 'Vigyan Ashram'

He is heading a unique initiative named 'Rural Development through Education System (RDES)', of Vigyan Ashram, a center of 'Indian Institute Of Education, Pune that integrates 'Education' and 'Rural Development'. It is implemented in formal schools as well as in non-formal centers.

He has conceptualized and headed replication of 'RDES' program in 72 schools in 17 districts of Maharashtra and Karnataka states of India involving more than 6000 students. He is actively involved in the movement to use technology in education. He along with his team members developed educational content in regional languages and many educational CD ROMs in Indian regional languages.

He made use of Information and Communication Technology for educating nomadic tribes that won UNESCO award in the 'non formal education' category in 2008. He also worked on the concept of rural internet kiosk and internet based services for villagers. He is also founder director of a company M/S Agrocom Pvt Ltd. ([www.agrocom.co.in](http://www.agrocom.co.in))

He is conducting educational program for rural youth on appropriate rural technologies and help them start their own enterprises. Also implemented 'Introduction to Basic Technology (IBT)' program in 122 schools in 4 states where students work on various development challenges of the village as part of their learning. They learn by 'Learning while doing' in real life situation.

### **Organisation Profile:**

Vigyan Ashram is working in the area of appropriate rural technology and non formal education since 1983. It is a center of Indian Institute of Education. VA has developed several low cost appropriate technologies and trained hundreds of youth in various skills. VA also developed IBT program. IT become part of syllabus and now core subject in Maharashtra. VA believes real development is development of intellect and activity to hands is quickest way to development intellect. It therefore advocates 'Learning while doing' in formal schools

### **Impact of Work:**

'Learning while doing' methodology of learning develop rural youth even a schools dropouts into entrepreneurs. Many of them come up with new ideas and become inventor at their level. In formal schools, this approach help in reducing dropouts, increase in understanding in curricular subjects and new innovation coming up based on the local needs.



**National Innovation Foundation - India**

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