



BHARATHIYA VIKAS TRUST

OPERATIONAL ACTIVITIES REPORT

2022-23

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2022-2023

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Source of inspiration

Sri T. A. Pai (1922- 1981)

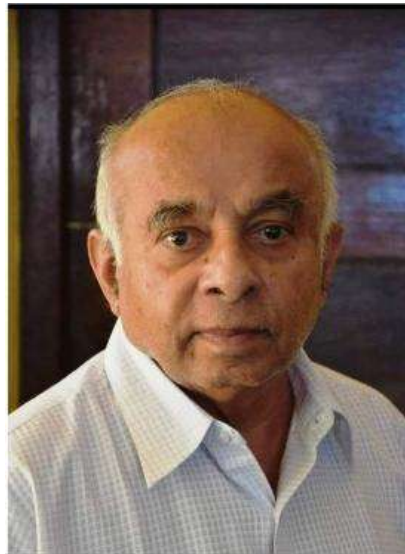
Founder Chairman

**Great visionary Sri T.A. Pai's vision of rural development is the driving force for
Bharathiya Vikas Trust**

Mentors



Late Smt. Vasanthi A. Pai



Late Sri. K. M. Udupa

VISION

Bharathiya Vikas Trust was born with a vision in mind – to harmonize human settlements with nature and surroundings, building a strong economic and social infrastructure in the rural areas to preclude urban exodus, amply developing training and vocational opportunities with emphasis on self-employment resulting in healthy socio-economic progress and a holistic human resources enhancement founded on a positive values system.

MISSION

Rural Development in the areas of Women Empowerment, Governance, Renewable Energy & Agriculture. Providing Training, Skill Development, Hand holding & realisation.

Our Trustees



Sri.T. Mohandas Pai
Chairman(2003-2022)



Sri. T. Ashok Pai
Managing Trustee



Sri. T. Sathish Pai
Trustee



Dr. Harish Hande
Trustee



Sri T. Gautham S. Pai
Trustee



Sri T. Sachin A. Pai
Trustee



Smt. Vinutha Acharya
Trustee

Message from the Managing Trustee

Message from the Managing Trustee

“Challenges such as poverty, hunger, education and sustainable development can be addressed when people at the bottom of the pyramid have access to income-generating opportunities, tools and institutional support for doing business, equal education, better working conditions and green technologies. Bharathiya Vikas Trust is working relentlessly for last four decades to address these issues as dreamed by our founding fathers.”



Sri T. Ashok Pai

Managing Trustee

Dear All,

We come to the end of another successful year at Bharathiya Vikas Trust, Manipal, the past year 2022-23 has been filled with numerous challenges and uncertainties inherited from the past years due to COVID pandemic, but together, we have navigated through them with resilience and determination. Throughout this year, we have witnessed the impact of our work on the lives of the communities we serve. We have empowered individuals, provided support, and created opportunities for those in need. The passion and compassion you bring to your roles have transformed lives and inspired hope where it was needed the most. We have reached people of North Karnataka, Several Northern and North Eastern states during the last year.

At this juncture, I would like to express my profound gratitude to our Board of Trustees, notably Dr Harish Hande, for his continued support, guidance, sharing his vision and commitment towards the development of Bharathiya Vikas Trust.

I would like to place on record the active support and contribution by our Advisor, Sri Mohan B Hegde, CEO, SELCO. His unwavering support has been the bedrock of our achievements, and I recognize the profound impact his guidance has had on our organization's successful journey during the year. I look forward to continuing this fruitful journey together in coming years!

I would be failing in my duties if I do not thank the contributions of staff, volunteers, donors, banks, various financial institutions and partners whose unflinching support during all these

years. Big thanks to our staff members whose behind-the-scenes contributions have enabled the smooth functioning of our organization. Their dedication and professionalism have been invaluable in achieving our goals.

As we reflect on the accomplishments of the past year, through our various projects we are able to reach numerous people who needed support. During this journey, we have learned many useful lessons. Looking forward, let us continue to embrace innovation, adapt to changing circumstances, and seek new ways to make an even greater impact in the year ahead. The impact we make collectively is a testament to the positive difference we are creating in the world. Together, we are transforming lives, bringing hope, and creating a better future for generations to come.

As we embark on the upcoming year 2023-24, I have every confidence that, with dedication and the strength of our team, we will achieve even greater heights. Let us continue to work together, supporting one another, and embracing the challenges that lie ahead.

With this we are presenting the Annual Report 2022-23 which reflects the collective efforts of our team and records the positive impact we have made in the community.

We welcome your feedback, suggestions, and any additional information you deem necessary to include in our future reports. Thank you one and all!

With warm Regards

Ashok Pai

Managing Trustee

Reach and Presence

Bharathiya Vikas Trust (BVT) was established by a great visionary, Padma Bhushan Sri T.A. Pai, Former Union Minister & Former Chairman Syndicate Bank during 1978 with the objective of promoting rural development through self-empowerment and women empowerment.

Following his visions, BVT, right from its inception has

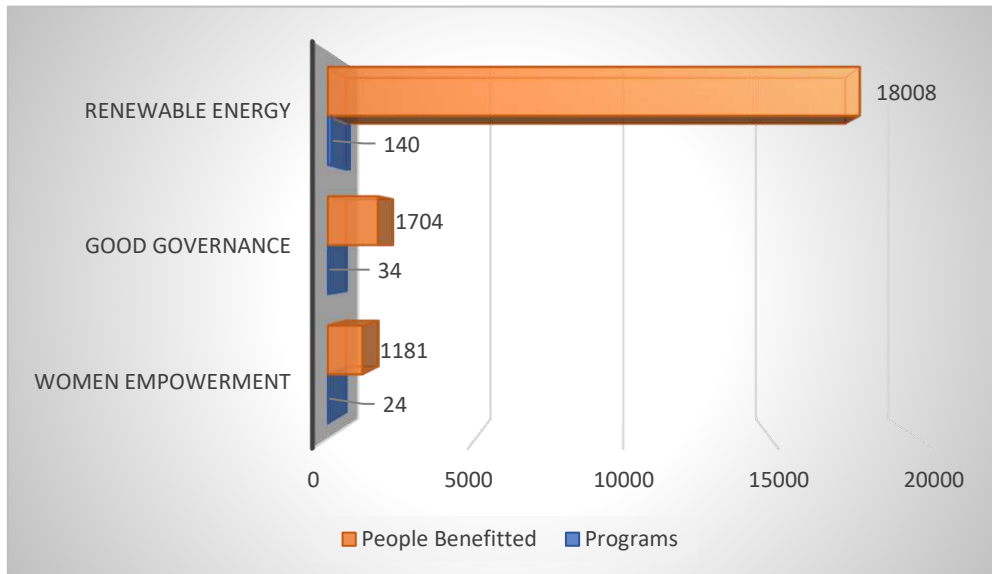


been making serious efforts on training & Extension of rural youths and women in income generation activities using local resources and relevant technologies in the field.

With more than 40 years of committed services to unreached communities of rural areas, BVT is determined & striving in enhancing the quality of life of families of rural areas and underprivileged through addressing challenges of key developmental sectors and trying to build a developmental ecosystem of inclusive growth.

The Trust, during its initial period was nurtured under the guidance of Smt. Vasanthi Pai, Managing Trustee and for last two decades, the Trust was promoted / developed by Sri. K.M. Udupa- illustrious Banker. After his demise, the institute is progressing with new dimension under the leadership of Trustee – Dr Harish Hande, Energy Expert and Recipient of prestigious Ramon Magsaysay Award and Chairman Selco Foundation and Sri T. Ashok Pai Managing Trustee. Sri T. Mohandas Pai, Chairman, Sri T Satish Pai, Sri Gautham Pai, Sri Sachin Pai and Smt. Vinutha Acharya as Trustees.

IMPACT 2022-23



Reached 1181 Rural Women



Reached 1704 Rural People



Reached 18008 Rural People/Students/Women



WOMEN EMPOWERMENT



BVT is a rural based NGO with the priority to empower rural women to become self-sufficient. The skill development and training in the areas of Tailoring, Embroidery, Home based Products and value additions, Agriculture, Art and crafts, Renewable energy and other areas.

Smt. Vasanthi Pai, who headed the Trust as chairperson after Sri T.A Pai, she greatly desired women to learn all sorts of skills and become independent. She had undertaken various novel programmes for women, including homemakers, in rural areas to fulfill her dream. Training in the repair of electrical appliances was one of the new programmes that she started for women.

BVT aims to empower the women with education, provide equal social, economic opportunities in the society & improve their decision-making skills. BVT works in the field of health, education, skill development, entrepreneur development and credit linkages. This year BVT organised women empowerment programs in Hassan, Bagalkot, Udupi and Dakshin Kannada Districts. In this project BVT focused on the areas of self-employment training, awareness programs on health, government schemes/services and banking facilities, etc.

DURING THIS YEAR

24 Programs

1181 women benefitted

**Districts Covered:
Hassan, Bagalkot, Udupi
& Dakshin Kannada**

SKILL DEVELOPMENT TRAININGS FOR WOMEN

Aari Embroidery LEDP (Livelihood Entrepreneurship Development Program) Training



Embroidery refers to the thread craft that enhances the look of a fabric or product. This thread craft is generally done on natural fabrics with tight weaves. Embroidery designs of India are influenced by different cultures and have a flavour of their own. Indian embroidery is cherished by craftsmen and has the world swooning over them. Embroidery designs are formed on the basis of texture of the fabric.

As people are becoming increasingly fashion conscious, the demand for embroidery and Aari work is increasing. BVT with the collaboration of NABARD, BVVS organised 4 Aari embroidery trainings at three in Hassan & one in Bagalkot District. 125 women were trained under these programs and 50 women are involved in the business.

Tailoring/ Dress designing Training



Vocational training prepares unemployed women for jobs that are based on practical activities, traditionally non-academic, and totally related to a specific trade, occupation, or vocation. The main objective of this tailoring training program is to enhance the quality of life of women and teenage girls through enhancement of their skills and knowledge. They needed to learn newer vocational skills such as tailoring (sewing) which can help them earn more income and become economically self-sufficient and independent.

Tailoring training will provide self-employment for women at their home; it gives them a daily income and can enable them to buy necessary items for their homes. Investment in these women is a proven path to reduce poverty. This year BVT organised 4 training programs with the collaboration of Access Livelihood and Rotary Club at Udupi District and 107 women were benefitted from the training. 100 women are involved in the tailoring field.



Mehandi Art Training

Traditional henna artistry has long been embedded in Bengali culture. For centuries, people from all spheres of life in the Indian subcontinent have been applying henna before every auspicious event as a symbol of purity and prosperity.

Henna artistry – which has long been considered a cultural activity where women applied henna to other women and men of the neighbourhood to celebrate festivals such as Eid or marriages, has helped turn many henna artists into mainstream professionals.

As there is a huge scope for Mehendi artists, this year BVT organised a training with the collaboration of Canara Bank at Thekkatte, Udupi District and 31 women were benefitted from the training.

Home Based Products & Other Crafts Training



The main goal of this training is to create rural women entrepreneurs and enterprises in order to provide them with opportunities for growth, financial stability, and socio-economic inclusion and recognition.

BVT aims to create livelihood opportunities for rural women with traditional food recipes & other crafts like mat making, artificial jewellery, etc. BVT organized training one training each at Udupi & Dakshina Kannada districts. A total of 59 women benefitted. 10 are involved in the business. The trainees have successfully carried out their own business by preparing such items at home. In addition, they set up stalls in village fairs (mela) to sell the homemade food items and received positive response from the visitors to the fairs. This has raised the market value for the products and also boosted the confidence of the women in their products.

Saaree Kucchu / Tassels



Saree tassels, also known as kucchu in the regional language, are a traditional form of Indian handicraft, practiced especially in the southern states of Karnataka, Andhra Pradesh, Telangana, and Tamil Nadu. Saree tassels are meticulously handcrafted using premium silk threads and uniquely strung to the sarees. The designs have transformed over generations to suit evolving trends. Saree Kucchu also referred as Saree Tassel is a traditional form of handcrafting beautiful frills & embellishments to the silk sareepallu. Saree tasselling, a hobby that we inherited from our moms was revived to suit the current fashion trend.

Kucchu designs or tassels as they are popularly known adorn the ethnic wear in an exquisite manner. Not only the sarees but also the stack of dupatta, shawl and kurtis flaunt the handcrafted tassels. These tassels make the outfit more presentable and beautiful while adding a lucid and feminine to the edges. Earlier, women used to craft it as a pastime using zari, crochet, silk threads and cutwork but now, as every handloom art, it is limited to the weavers and artists who are keeping it alive.

The main objective of this program is to provide training and build the capacities of women SHG members to emerge as a entrepreneur in Saree Kucchu/Tassels and other value added products. This year BVT organised Saree Kucchu Training at BVT, Manipal and 55 women benefitted.



Coconut Shell Handicrafts LEDP Training

Coconut Crafts in India refers to the creation of utility and decorative items with coconut shells, which is practiced in various parts of the country. The process of coconut crafts involves sketching, cutting, sanding, and buffing to create the finished product. The process involved in sourcing the coconut shell for the finished product has undergone drastic changes.



BVT with the collaboration of NABARD organised two training programs at Dakshina Kannad District and 60 women benefitted.

Fabric Painting and Aari Embroidery LEDP Training



Fabric painting is a skill of applying colors on the fabric to make it attractive. Painting techniques make stunning creativeness which is made by the depth of hue and shades or the creativity of the textures formed. Nothing could be easier than painting directly on the fabrics, but prior knowledge of the colour techniques, fabrics, use of appropriate techniques for designs etc. will help in improving the result considerably.

Embroidery refers to the thread craft that enhances the look of a fabric or product. This thread craft is generally done on natural fabrics with tight weaves. Embroidery designs of India are influenced by different cultures and have a flavour of their own.



Indian embroidery is cherished by craftsmen and has the world swooning over them. Embroidery designs are formed on the basis of texture of the fabric.

BVT with the collaboration of NABARD organised training programs at Hemmadi, Udupi District and 30 women benefitted.

Designer Blouse and Bridal Mehndi Design Training



Blouse designing has reached a new culmination in the present era of Fashion Designing. With the evolving world of Fashion there are ample number of innovative ways to design a blouse. The bridal blouse collection has also gone through an evolution. Now a days young brides are always experimental on the blouse they dream to wear with the matching Saree.

Mehndi holds great importance & cultural significance in Indian traditions. There is a huge demand for Mehndi. BVT with the collaboration of Canara Bank Jubilee Education Fund, Bengaluru organized training programs at Manipal, Udupi District and 27 women benefitted.

SINCHANA- Autism Training for ASHA's & AWs



Health Awareness Programs on Autism was jointly organized by Zilla Panchayat Udupi, Women and Child Welfare Department Udupi, District Legal Services Authority, Udupi, Autism Society of Udupi and Bharathiya Vikas Trust at BVT campus, Manipal. Organised five programs and 392 ASHAs/AWs benefitted.

Amrutha Swasahaya Kiru UddimeYojane- EDP Training



To mark the occasion of 75th year of independence, Govt. Of Karnataka announced 11 new schemes targeting 75,000 youngsters, 7,500 self-help groups, 750 GPs, farmer producers' organizations, schools and 75 talented sportspersons of the State. To take this further, financial assistance of Rs. 1 lakh each is given to about 7500 self-help groups.

In Udupi District the seed money of One lakh is given to around 140 SHG groups to start a micro enterprise involving all group members. As no individual initiatives of few members in these selected groups is encouraged under this scheme, the Govt. felt that proper Entrepreneurship Development Training may be imparted at Taluk level of each district to the members of these beneficiary groups. In Udupi district, BVT was selected by Women and Child Development Department, Udupi to provide 4 Entrepreneurship Development Training Program at Udupi & Brahmavara, Kundapura & Karkala Talukas & 200 SHGs women benefitted.

Training on Value added Cow Dung products



BVT organized one day training program at Trasi, Kundapura on value added products of Cow dung like agarbatti, Lamps, Decorative masks, Dhoopa etc. This training program was organized with collaboration of local organizations like Shubam education and rural development organization and Varalakshmi charitable trust. This training helped women to learn skills to make cow dung value added products and also to market these products. This Training led to generate self-employment to SHG members. To 95 SHG members benefited from this training and most of them engaged in starting their own self-employment unit.

GOOD GOVERNANCE



Bharathiya Vikas Trust has been working in the areas of rural development, agriculture, animal husbandry, women empowerment and skill training for the last 40 years with special emphasis on rural development. BVT understands the importance of good governance for a village to be developed. The local governance of the respective village must be good for enhancing the development of the nation. Good governance motivates members of government and non-government organizations, partners and peers to achieve sustainable goals through transparency, honesty and fair participation in development work. BVT's mission is to design a capacity building program that will further enhance the participation of members of government and non-government bodies, stakeholder and peers with confidence, transparency and equity for achieving developmental goals. It also encourages the participation of the common man in this local governance structure that redefines the democratic process for the establishment of good governance as a whole.

Good Governance means ensuring people participation in local governance and making a model village in all aspects. We at Bharathiya Vikas Trust have taken initial steps in the area of Governance which is vast and exhaustive. This year BVT has implemented Good Governance project in Kavalmudoor Grama panchayath at Bantwal Taluk, D.K district. In this project BVT focused on the areas of waste management, women and youth empowerment, organic farming, government service/schemes, health camps, it is work mentioning that all these programs have done with the association of Grama Panchayath of Kavalamudoor. Further on BVT is also working in other panchayths of Dakshin Kannada and Udupi district in collaboration with Grama Panchayath, Krishi Vigyana Kendra, NABARD and other NGOs.

DURING THIS YEAR

34 Programs

1704 People Benefitted

**Dakshina Kannada &
Udupi Districts**

NABARD Sponsored Village level financial literacy programs



BVT organized Village level financial literacy programs in Rural areas of Udupi and D.K. This VLC programs helped women to know about Banking loan schemes, Digital banking systems, planning financial needs, Government insurance schemes like PMSBY, PMJJY, Mudra Schemes etc. This awareness programs helped women,

youth and farmers to know about banking schemes and most of participants applied for the schemes after awareness programs. BVT organized total 15 VLC programs in Rural areas of D.K and Udupi district where total 635 people benefited from this program.

NABARD Sponsored Training program to NGO representatives and SHG leaders

There are many NGOs working in D.K and Udupi district which working for different projects and bringing social change in the society. Different NGO have different stake holders and different strategies to reach their goal. If all NGO come together in one roof and know each other project and programs which will easy to work for sustainability and also for bring result-



oriented activities in field. In this regard BVT organized NABARD sponsored training program to NGO staffs to build strong network and also to reach financial literacy awareness to grass roots through collaborative steps. Training organized at KVK Mangalore and nearly 40 NGO representatives participated in this program. BVT also organized 4 training to SHG leaders about financial literacy and networking skills at Moodabidri and Sullialtalukas of D.K district, BVT office Manipal and KVK office Brahmavara of Udupi District. Total 252 SHG leaders participated in this 4 training.

Awareness programs to school children



BVT organized awareness programs to school children about financial literacy and how to face exams. Financial literacy programs helped children to know about Banking systems, importance of savings and importance of digital banking systems. Session on how to face exams helped students to overcome fear of exams and take

necessary steps to study well in exams. Resource person helped students to clarify their doubts to take necessary steps to prepare exams. This helped students to improve their personality and face exam challenges in coming days. BVT organized 2 Financial literacy programs and 2 personality development sessions to high school students of D.K district. Total 136 students benefited from this program.

Awareness on waste management

No proper segregation of waste is main problem in urban and rural areas. In some panchayats community people don't have knowledge about segregation of wet waste and dry waste, some



panchayats don't have proper waste segregation waste units which is the burning issue in community. So, awareness program about waste management and proper waste segregation helped community people to know the importance of waste management. This awareness helped panchayath for proper maintenance of waste management units and also make their village as a model village in waste management. Organized 2 awareness programs in village level and total 62 community people participated in this program.

KVK Sponsored awareness programs in village level



BVT have very good collaboration with KVK of Dakshina Kannada. KVK organizing many training programs to farmers and women in village with the collaboration of BVT. Awareness program on forestry agriculture helped women to grow forestry agriculture in their land which helped them to earn income. BVT organized 3 forestry agriculture awareness programs in D.K, total 130 people benefited from this program and growing forest agriculture like bamboo, fruit plant, sandalwood plants which is provided by KVK Nursery. BVT also organized 1 training program about Nutri Garden project to School teachers, Mead Day meal workers and SDMC members of Dakshina Kannada schools at Kalladka school. This Training helped schools to construct Nutri Garden in their schools which provide vegetables, spinaches and fruits to school children. KVK distributed vegetable seeds, fruit plants to each school during the training. Total 183 people participated and benefited from this training.

Distribution of Tailor association membership ID card

There are many government schemes which is not reaching to needed people. Sometime people are unaware of many government schemes. BVT organized Tailor association membership card distribution program at Kalleri, Belthangady Taluk. This membership card helps tailors to get government facility like insurance schemes, health insurance,



scholarships and other benefits easily. Total 50 people got membership card which is proof of good governance where government schemes coming to village level. BVT also organized ABHA card registration camp at Kavalamadoor Panchayat & total 150 people got benefitted.



E.D.P Training to SHG members

BVT organized 2 EDP training program to SHG members at Dakshina Kannada district. This training helped women to know about self-employment skills, opportunity from self-employment, marketing skills, finance management skills, Banking and government schemes to start self-employment. Total 66 SHG members participated in this training and got information about EDP skills.

RENEWABLE ENERGY & FIs



Renewable Energy is a clean source of energy that has much lower environmental impact. Renewable energy derived from natural sources that replenish themselves without depleting the planet's resources. Bharathiya Vikas Trust is conducting various programs on promotion of renewable energy sectors specially training, capacity building of rural youths & entrepreneurs. BVT's effort to link financial institutions and solar service providers has carved a new growth story in our country.

BVT in 1996 realized that, for the people of the rural India to have sufficient power, solar energy would be the most ideal alternative and hence decided that promotion of solar power would be in line with the objectives of the organization. Hence, BVT with the support of REPSO office of Winrock International India established a solar park for demonstrating the technology and upon realizing the potential of the technology in income generation both as employment and as entrepreneurial activity commenced a training program for the youth in lending solar systems through commercial banks.

Provision of electricity is widely believed to be one of the key poverty alleviation measures worlds over. There are still large pockets of households who either do not have electricity or suffer acute shortage of electricity. Many of these large pockets also remain poor as lack of electricity curtails their income earning capacities. BVT has been in the forefront in taking up various measures for provision of electricity to the un-served communities. It has wide experience in working with various renewable energy technologies like solar and biogas. It has pioneered taking these renewable energy technologies on mass scale to un-electrified areas, particularly in the Dakshin Kannada and Udupi Districts.

DURING THIS YEAR

140 Programs

18008 People
Benefitted

Districts Covered:

Dharwad, Haveri, Koppala, Raichur, Yadgiri, Gadag, Vijayapura, Udupi, Dakshina Kannada, Uttar Kannada, Mysore, Chikkamagaluru, Bagalkot, Samastipur, Muzafarpur (Bihar), Vizag (Andra Pradesh)

Awareness Programs on Solar Energy

BVT has conducted orientation program on solar energy for school & ITI students. Session of the program included about introduction of solar cells, solar panels, its working principles, water heaters, its working principle, solar lighting systems, solar livelihood machines, career opportunities in solar energy etc. About 210 students were benefited from this program and 3 awareness programs were conducted. B-SAFE



Centre for Excellence BVT campus Manipal, Skill Development Centre, Asha Prakash Shetty Memorial Hall, Manipura,Udupi, Anganawadi Centre Honnala Udupi.

Orientation Session of Solar Technician Training for KSDC & ITI Candidates

Orientation & briefing session solar energy and technician training program was conducted at Job fair of KSDC office Manipal. Session included about Bharathiya Vikas Trust, its work,



history, importance of solar energy in future, career opportunities of solar in future etc, Explained about importance of solar technician training program, rules and regulations of training program, benefits of the training program etc. About 63 candidates were participated totally in the program. 3 programs were conducted. One program at Job fair DC office Manipal, 2

programs at BVT Campus Manipal.

Solar Powered Primary Health Centre, Digital Smart Class, Solar Sewing Machines

BVT has provided solar power for public health centre Padubidri for vaccination centre. Digital smart class for PU College & sewing machines for rural women. All the solar equipment's and power system donated under CSR sponsorship by Aspen



Infra Pvt Ltd Padubidri. Solar sewing machines were handed over to all the beneficiaries. About 20 sewing machines were donated in which included a battery, solar panel and one charge regulator along with sewing machine. 5 kilowatt of solar power system is provided to primary health centre Padubidri for powering the vaccine storage unit of the centre. This system will provide 6 to 7 hours of power backup to the centre. Digital smart class includes a LED Television connected to computer. 60 members were participated during the program.

Karnataka Bank Light Scholarship Program



BVT is long associated with the Karnataka bank which supports through sustainable energy for poor students who has got difficulties with electrification of their houses. This program is conducted at Hunsekumari

village of Dharwad districts. About 25 houses benefited from this program also about 60 participants got benefited by this program.

Training On Solar Livelihood Products for SHGs Members



Conducted training program on solar livelihood products to SHG members at various panchayath. Sessions on various solar based livelihood machines which are like milking machine, rice huller & polisher, blacksmith blower etc. sessions also included entrepreneurship using solar livelihood machines etc. totally about 13 programs were conducted. They

are at Mareguddi ,Jamakhandi Taluk, Koppal, Gangavati districts of North Karnataka, Suilla, Puttur, Bantwal, Pavor, Mattur, Yedapadavu, Haleyangadi, Kumpala at these panchayaths of Dakshina Kannada&Hanglurof Udupi districts. Totally 606 participants got benefited from this program

Inauguration Of Solar Powered Digital Smart class

Solar powered smart class provided at Harekala Hajabba School Dakshina Kannada district. This program is sponsored by NABARD & implemented by BVT partnering with SELCO. Smart classes are conducted and shown on a LED TV which is connected with solar power. Lessons will be shown on LED TV with illustration for easy understanding and



clarity of the subject to the students. By using smart class method around 30 to 40% work of the teachers will be reduced and also increases efficiency of teaching as well learning of concepts more clearly and efficiently. Totally 100 candidates were participated in the program.

Training on Waste Management, Water Harvesting & Renewable Energy



BVT during the year 2022-23 have conducted 9 high impact awareness programmes targeting SHG women members about Water conservation, Solid Waste Management and Renewable Energy. Total of 823 women SHG women participated in the programmes organized in association with Local Grama Panchayaths, Women & Child Dept. Sanjeevini units. This series of programmes were sponsored by Mahatma Gandhi Institute for Rural Energy & Deployment, Bangalore.

Impact:

- Many SHG members opted for RE - Solar Lights & Water Heaters.
- Water Harvesting for Wells was supported by Sri Joseph Rebello who will visit the site and suggest custom made WH Systems which many SHG members shown interest,
- Many women choose to work in SLRM unit as Sanitation Worker and some of them opted to drive the waste collection vehicles,

Way Forward:

- BVT is planning to locally available talents to use value addition activity from waste,
- Big push in providing Solar light especially for Students to carry out their study. (Provide un intercepted light)
- Add water conservation topic in every training.



"It's time to raise awareness about water usage, conservation and take action to tackle the water crisis together

BVT's efforts in this direction is praiseworthy...."

- Sri Joseph Rebello, State Resource Person, Water Conservation

Training on Solar Technician & Solar Service Entrepreneurs in Karnataka- GIZ



There is a strong need for a timely solar service network that can deliver energy technology and solutions to the end-user and help in greater adoption by ensuring after-sales maintenance systems are available to the end-user, locally. The creation of ‘Solar Business cum service entrepreneurs and Technicians’ is the need of the hour to strengthen the last mile energy sector.

The basic training program envisaged under this effort is to create knowledge- technical knowhow and motivate the unemployed youths and students on the basic principles of solar energy and appliances, innovations and products in the market, design considerations, installation, specifications, repair and servicing and so on.

Project’s Methodology/Objectives:

- The project aims to Train and build the capacities of Technicians- servicepreneurs to ensure working Performance and deliver DRE- Solar energy-based solutions – Efforts to establish a trained & Professional green energy (DRE solutions) workforce in the districts of Karnataka State.
- About 500 youths, students, and others are trained as a Solar Technicians on installation, repair, service and maintenance services as to ensure the working performance of DRE based – Solar systems solar-sustainable energy solutions.

This year BVT organised 5 programs at 5 different districts of Karnataka State (Udupi, Gadag, Vijayapura, Yadgiri& Raichur. Total 125 candidates successfully completed the training program. (25 candidates @ per batch).

Gap Financing Project- Sustain Plus



BVT with the support of Sustain Plus has commenced the project on Sustainable Livelihood Solutions for small farmers and micro entrepreneurs in the year 2021-22. The aim of project is

- To help solar powered solutions for various livelihood asset-based solution which will directly improve poor and vulnerable individuals across agriculture, animal husbandry and micro businesses.
- To unlock financing from bank, government or other financial institutions by reducing institutional risk and covering between 20-80% of energy solution cost.
- To demonstrate evidence of scale for further unlocking by developing sustainable livelihood solutions and financing models with FIs & Government.

20%-80% grant support will be provided by BVT for farmers and micro enterprises to access these sustainable livelihood solutions.

⇒ **Area of operation: In the states of Karnataka, Tamilnadu, Andrapradesh, Telagana (Southern region) Assam, Meghalaya & Manipur (North east region).**

⇒ **A total of 211 energy interventions in Southern Region and 396 energy interventions in Northern Region were successfully installed, utilizing suitable financing and delivery models.**

This year organised interaction Meeting with Gap Financing (Sustain Plus) Project's Beneficiaries and Financial Institutions at Jadhkal, Amasebail villages of Udupi Districts & Kumta village of Uttara Kannada Districts. Total 50 beneficiaries participated. Follow up visits have been undertaken to various places of Karnataka state.

Providing and improving livelihoods of rural entrepreneurs through decentralized solar energy solutions in Karnataka- SIDBI Project

Partners' Awareness program on DRE based Livelihood Solutions at Koppal District

BVT is implementing a project to provide and improve livelihoods of rural entrepreneurs through decentralized solar energy solutions in Karnataka sponsored by Small Industries Development Bank of India (SIDBI) under its Swavalamban Challenge Fund (SCF) Window -I.

The major objective of the project is to identify and facilitate access to solar energy-based livelihood solutions namely Roti Rolling, Dc Fridge and Sewing Machine generate to about 150 potential /aspirant entrepreneurs at Haveri, Koppal, Raichur and Yadgir districts of Karnataka.

To achieve the above objective, as per the operational modalities, we are planning to organize different awareness cum training programs on 3 livelihood solutions, namely **Roti Rolling, Dc Fridge and Sewing Machine** and generate interest / leads at the operational areas for facilitating access to these solutions/ installations.

To achieve the above objective, as per the operational modalities, about 44 different awareness cum training programs are planned to generate interest / leads at the operational areas- Haveri, Koppal, Raichur and Yadgiri districts for facilitating access to about 150 DRE



based
livelihood
solutions/
installations.

- **Partner's Awareness Programs (2):** Organised two programs at Kushtagi & Koppal block. Total 82 Officials from FI-Raichur DCC bank, PACS, Credit Socs and NGOs of the Kushtagi & Koppal Block participated.



- **Financial Institution Awareness Programs (2):** Beneficiaries Awareness program on DRE based Livelihood Solutions at Haveri District: Organised two programs at Haveri Districts. Total 79 SHG members, beneficiaries of Suyog MFI and Farmers, Women, villagers, Officials from FI -Suyog and others of the Kanchargatti and surrounding villages of Haveri Block participated.

Light for Education & Digital Education Program

Project Period: 2022-2023

Funder: Natural Capital Partners Europe Limited

About Project:

- **Light for Education (LFE)** program is a holistic program aimed at enabling rural students to have access to lighting to carry out their daily educational activities. The program also aims to create awareness in the young minds about renewable energy and sustainable energy usage.
 - As a part of the program, a central solar charging station is installed in the school and each of the students are provided with a pocket size, lightweight portable battery and LED study light. The students' carry the battery to school every day for charging. The charged battery when connected to the study light at home provides clean, bright light for studying at night.
 - **With support from Natural Capital Partners (NCP), the LFE project has been installed in 4 schools in the Raichur district of Karnataka. 150 students impacted from the project (A lamp for each student).**
- **Digital Education Program:** aims to provide a holistic solution that improves the quality of classroom education and increases learning effectiveness by implementing digital educational content and digital tools powered by solar energy rural schools.
 - The digital education project consists of: systematic selection deserving schools, implementation of a solar powered system in the identified classroom with syllabus based digital content that aids in day-to-day teaching. The solar powered infrastructure will ensure predictable usage and sustainability of the solutions supplemented by a detailed teachers training program to equip teachers with the knowledge and expertise required to deliver quality and effective teaching using the implemented tools.
 - **With support from NCP, the project has been implemented in 67 schools impacting more than 13,000 students.**



Solar Powered Digital Education Facility

Project Period: March 2023

Funder: Gemini Graphics Pvt Ltd

About Project: Solar Powered smart class aims to provide a holistic solution that improves the quality of classroom education and increases learning effectiveness by implementing digital educational content and digital tools powered by solar energy in rural schools.

The digital education project consists of: selection of deserving schools, implementation of solar



powered system in the identified classroom with syllabus based digital content that aids in day-to-day teaching. The solar powered infrastructure will ensure predictable usage and sustainability of the solution, supplemented by a detailed teachers training program to equip teachers with the knowledge and expertise required to deliver quality and effective teaching using the implemented tools.

Deliverables: Implemented 26 Solar Powered Digital Education at schools, 25 at Bidar Dist& one at Mangalore, DK Dist.

Ashden Climate Solutions

Bharathiya Vikas Trust (BVT) received the Ashden Award 2021 for Sustainable Energy under Energy Access Skills theme, from Ashden Trust, London. The official award ceremony held at Glasgow, London, on Thursday, 4th November 2021. Sri Sudhir Kulkarni, Master Trainer of BVT, attended the ceremony in Glasgow along with Sri Sudipta Ghosh and received the



award from President of Costa Rica, Charlos Alvarado Quesada.

Ashden is a London-based charity that works in the field of sustainable energy and development. Its work includes the annual Ashden Awards, advocacy and research in the field of sustainable energy, and mentoring and practical support for award winners.

Ashden rewards and promotes local sustainable energy in parts of Europe and the developing world through its annual Ashden Awards. Awards are given to organizations and businesses that deliver local, sustainable energy schemes with social, economic and environmental benefits. Awards are provided across several different categories, including UK and international awards. Awards for sustainable travel schemes have been provided since 2012. Each award includes a cash prize.

The Ashden Trust is working for 20 years now, on ways to control climate change. It has also been recognizing and lauding the efforts of associations around the world that are working on similar lines. The Ashden Award was instituted as a mark of appreciation to such associations.

Project Period: Dec 2021 to Dec 2022

Funder: Ashden Climate Solutions

About the Project: Based on the need assessment, 4 major areas were identified and implemented the various programs.

- Skill development training cum awareness program especially for women: organised 17 programs and 685 people benefitted.
- Sustainable energy – solar energy access / applications to other sectors: organised 21 programs and 969 people benefitted.
- Smart /good governance practices: organised 14 programs and 610 people benefitted.
- Covid Efforts & Other health related programs: organised 10 programs and 494 people benefitted.

Landscape study of Indian Public Health

Project Period: Jan 2022 to Mar 2024

Funder: In Covid Support FZE LLC

About the Project: This project aims to study the Indian Public Health landscape and make recommendations on interventions across multiple domains as detailed doubt below:

- Study of a state-of-the-Art Research Centre for virology landscape.: This research aims to identify are their gaps in these centres currently, and envision what and ideal centre should look like.
- Health Innovation Fund- Design and recommendations for building and nurturing healthcare innovation ecosystems across the country.
- District Full Stack approach to Public Health Augmentation – Design, Partnership and Facilitation:
 - Finding Exercise and Design Workshop
 - Scientific outputs to share results and impact with a global audience, including online repositories in multiple languages, scientific papers, and lay person outputs.
 - Periodic Design workshops for digital health tech innovators, in partnership with domestic and international academic centres.
 - Conferences and Forums to convene stakeholders
 - Updated open-source suite of validated protocols and associated tech solutions

- Leverage and partnerships with state and central governments.
- Landscape study on Public Health CSOs and potential funding opportunities
 - Exploring a mechanism for funding health care innovations in India
 - Special purpose vehicles and partnerships
- Hard Interventions-State level requests modalities etc

SPECIAL ACTIVITIES

Nursing Student's Training



This year BVT organised 5 days training for College of Nursing and Diploma Nursing students. 60 students participated. The training will provide awareness on rural community, role of nurses in rural health and mental health, etc.



Unaided School Teacher's Training

BVT with a collaboration of DIET and Education Department Udupi organised teachers training program for unaided school teachers. 55 unaided school teachers from 34 schools participated

Health Check Up camp to Construction workers



BVT Manipal, KavalmadoorPanchayth and Labour department jointly organized Health check-up camp to construction workers at Grama Panchayat Hall, Kavalamudoor, DK. 65 construction labours benefitted.

World Milk Day Program



“In 2001, the Food and Agriculture Organization of the United Nations had adopted June 1 as World Milk Day, where in the day is marked to recognize milk as the global food for celebrating the dairy industry. In 2022, this day will follow the theme of achieving “**Dairy Net Zero**”. This means that the day aims to reduce greenhouse gas emissions by the dairy industry over the next 30 years. The theme also marks the need to improve waste management in the dairy sector in order to make the industry more sustainable.

BVT Manipal and KVK Mangalore jointly organized awareness program about Importance of Milk on the occasion of world Milk Day. 32 women participated.

BSW Students Visit to BVT



This year 30 BSW (Bachelor of Social Work) students of SRSMNGGC (Smt. Rukmini Shedthi Memorial National Govt First Grade College, Barkur) visited BVT. BVT team taught a brief session on organisational history and activities.



Gandhi Program

Since many years, BVT is organizing essay competition on “Papu Gandhi- Gandhi Babu Aadha Kathe” and “Bariya Batteyalla Bharathada Baavuta” program to the 8th and 9th students of High Schools. From each school best 3 performers were given certificates of appreciation during this program. This year Bharathiya Vikas Trust along with Gandhian Study Centre, MGM, Udupi and Karnataka Gandhi Memorial Fund, Bangalore have organized award giving programme to High School Students at MGM College, Udupi. 81 High School Students of 20 High Schools along with teachers of respective schools of Udupi district were participated in the programme.

Ashden Team Member visited BVT



Ms. Nashwa Naushad, Ashden Team visited BVT and interacted with BVT's successful entrepreneurs' business spot/ outlet.

Organised/ participated in Dist. level Caregivers forum



BVT with the collaboration of BVVS organised meetings for Dist level caregivers of Deaf and Dumb Children Forum at Bagalkot. Discussed various issues of Caregivers, their requirements, assessment, support mechanism, formation of association / Forum of caregivers and institutional support for developing the caregivers.

Under this BVT has already initiated need based self-employment training on Aari-Embroidery at BSK, Guledgudda. 30 rural women – 20 Care givers and 10 other rural poor women are being trained.

Visit of NABARD officer team and team of executive members from Uganda, Ethiopia and western African countries to BVT.



A team of 15 representatives from different development agencies, Banks, MFIs, NGOs and other agencies from Uganda, Ethiopia and Western African countries and 20 members team of NABARD officers from different districts of India visited BVT Campus. Main objective of the visit was to understand the activities and impact made by BVT in rural development. They also wanted to learn about local scenario of sustainable energy, solar energy interventions. During the visit detailed sessions were handled by BVT officials on various projects like women empowerment, Good Governance, promotion sustainable energy over last 4 decades. All delegates appreciated the significant work done by BVT, team interacted with BVT staff about the project and appreciated the work.

NEWS COVERAGE

ಪರಿಣಿತರಾಗಲು ತರಬೇತಿ ಆವಶ್ಯಕ: ವೀಣಾ ವಿವೇಕಾನಂದ

ಮಹಿಳಾ, ಅ. 17: ಸ್ವಯಂಸೇವಕಿ ಕೈಗೊಳ್ಳಲು ಆಯಾ ಕ್ಷೇತ್ರದಲ್ಲಿ ಪರಿಣಿತಿಯನ್ನು ಪಡೆದುಕೊಳ್ಳಬೇಕಾಗಿ ಗುಡ್ಡೆ ಎಂದು ಮಹಿಳಾ ಮತ್ತು ಮಕ್ಕಳ ಅಭಿವೃದ್ಧಿ ಇಲಾಖೆಯ ಉಪನಿರ್ದೇಶಕಿ ವೀಣಾ ವಿವೇಕಾನಂದ ಅಭಿಪ್ರಾಯಪಟ್ಟರು.

ಮಹಿಳಾ ಮತ್ತು ಮಕ್ಕಳ ಅಭಿವೃದ್ಧಿ ಇಲಾಖೆಯ ಉಪನಿರ್ದೇಶಕಿ ವೀಣಾ ವಿವೇಕಾನಂದ ಅವರು ಉದ್ಘಾಟನೆ ಮಾಡಿದರು.

ಜಿಲ್ಲಾ ಕೌಶಲಾಭಿವೃದ್ಧಿ ಉದ್ಯಮಶೀಲತೆ ಮತ್ತು ಜೀವನೋಪಾಯ ಇಲಾಖೆಯ ಜಿಲ್ಲಾ ಕೌಶಲಾಭಿವೃದ್ಧಿ ಅಧಿಕಾರಿ ಜಗದೀಶ್, ಇಲಾಖೆಯ ಸಹಾಯಕ ನಿರ್ದೇಶಕಿ ಅರುಣ್ ಕುಮಾರ್, ಬಿಬಿಟಿ ಮುಖ್ಯ ಕಾರ್ಯಕ್ರಮ ಸಂಯೋಜಕಿ ಎ.ಲಕ್ಷ್ಮೀ ಬಾಯಿ ಉಪಸ್ಥಿತರಿದ್ದರು. ಬಿಬಿಟಿ ಮುಖ್ಯ ವ್ಯವಸ್ಥಾಪಕ



ಮನೋಹರ ಕಟ್ಟೆರಿ ಸ್ವಾಗತಿಸಿ, ಕಾರ್ಯಕ್ರಮ ಅಧಿಕಾರಿ ಪ್ರತಿಭಾ ವಂದಿಸಿದರು. ಸಂಯೋಜಕಿ ರಾಘವೇಂದ್ರ ಅಶಾರ್ ನಿರೂಪಿಸಿದರು. ತರಬೇತಿಯಲ್ಲಿ ಉಡುಪಿ, ಬ್ರಹ್ಮಾವರ ತಾಲೂಕಿನ ಅಮೃತ ಸ್ವಚ್ಛಾಯೆ ಕುರು ಉದ್ಘಾಟನೆ ಯೋಜನೆಯಡಿ ಆಯ್ಕೆಯಾದ ಮಹಿಳಾ ಸ್ವಚ್ಛಾಯೆ ಗುಂಪಿನ ಸದಸ್ಯರು ಭಾಗವಹಿಸುತ್ತಿದ್ದಾರೆ.

ಮಹಿಳೆಯ ಜೀವನ ಸುಧಾರಣೆಗೆ ಸ್ವಯಂಸೇವಕಿ ಹೆಜ್ಜೆ

ಮಹಿಳೆಯ ಜೀವನ ಸುಧಾರಣೆಗೆ ಸ್ವಯಂಸೇವಕಿ ಹೆಜ್ಜೆ ಹಾಕಿ ಸಂಸ್ಥೆಯ ಅಧ್ಯಕ್ಷ ಕೇಶವಮೂರ್ತಿ ಅಭಿಮತ ವ್ಯಕ್ತಿಸಿದರು.



ಅಪರಾಧಿ ಮನವರಿಕೆಗಾಗಿ ವಾರಸುದಾರ ದಂಡ ಕಟ್ಟಬೇಕೆಂದು...

ವಂಡ್: ಹೊಲಿಗೆ ತರಬೇತಿ ಉದ್ಘಾಟನೆ



ವಂಡ್, ಅ. 12: ವಂಡ್ ಸ್ವಯಂಸೇವಕಿ ತರಬೇತಿ ಕೇಂದ್ರದಲ್ಲಿ ಉದ್ಘಾಟನೆ ಆಯೋಜಿಸಿ ಕಾರ್ಯಾಗಾರ ನಡೆಯಿತು.

ವಂಡ್ ಗ್ರಾ.ಪಂ. ಅಧ್ಯಕ್ಷ ಉದಯಕುಮಾರ್ ಶಿಬಿ ಪ್ರಸಾದ್ ಅವರಿಗೆ ಕಾರ್ಯಾಗಾರ ಉದ್ಘಾಟನೆ ಮಾಡಿದರು. ಇವರ ಸಂಸ್ಥೆಯ ಅಧ್ಯಕ್ಷೆ ವೀಣಾ ವಿವೇಕಾನಂದ ಅವರು ಉದ್ಘಾಟನೆ ಮಾಡಿದರು. ಇವರ ಸಂಸ್ಥೆಯ ಅಧ್ಯಕ್ಷೆ ವೀಣಾ ವಿವೇಕಾನಂದ ಅವರು ಉದ್ಘಾಟನೆ ಮಾಡಿದರು. ಇವರ ಸಂಸ್ಥೆಯ ಅಧ್ಯಕ್ಷೆ ವೀಣಾ ವಿವೇಕಾನಂದ ಅವರು ಉದ್ಘಾಟನೆ ಮಾಡಿದರು.

ಮಹಿಳಾ ಬಿವಿಟಿ: ಅನುದಾನಹಿತ ಪ್ರೌಢಶಾಲಾ ಶಿಕ್ಷಕರಿಗೆ ತರಬೇತಿ



ಮಹಿಳಾ, ಅ. 12: ಕೆಎಸ್ ಡಿಎಸ್ ಸಂಸ್ಥೆ ವತಿಯಲ್ಲಿ ಮಹಿಳಾ ಬಿವಿಟಿ ಅಧ್ಯಕ್ಷೆ ವೀಣಾ ವಿವೇಕಾನಂದ ಅವರು ಉದ್ಘಾಟನೆ ಮಾಡಿದರು.

ಅನುದಾನಹಿತ ಪ್ರೌಢಶಾಲಾ ಶಿಕ್ಷಕರಿಗೆ ತರಬೇತಿ ನೀಡುವ ಉದ್ದೇಶದಿಂದ ಈ ಕಾರ್ಯಕ್ರಮ ಆಯೋಜಿಸಲಾಗಿದೆ. ಇದರ ಅಂಗವಾಗಿ ಈ ಕಾರ್ಯಕ್ರಮ ನಡೆಯಿತು. ಇದರ ಅಂಗವಾಗಿ ಈ ಕಾರ್ಯಕ್ರಮ ನಡೆಯಿತು.

ಮಹಿಳಾ ಮತ್ತು ಮಕ್ಕಳ ಸಬಲೀಕರಣಕ್ಕೆ ಅಧ್ಯಕ್ಷೆ



ವೀಣಾ ವಿವೇಕಾನಂದ ಅವರು ಉದ್ಘಾಟನೆ ಮಾಡಿದರು.

ವೀಣಾ ವಿವೇಕಾನಂದ ಅವರು ಉದ್ಘಾಟನೆ ಮಾಡಿದರು. ಇವರ ಸಂಸ್ಥೆಯ ಅಧ್ಯಕ್ಷೆ ವೀಣಾ ವಿವೇಕಾನಂದ ಅವರು ಉದ್ಘಾಟನೆ ಮಾಡಿದರು. ಇವರ ಸಂಸ್ಥೆಯ ಅಧ್ಯಕ್ಷೆ ವೀಣಾ ವಿವೇಕಾನಂದ ಅವರು ಉದ್ಘಾಟನೆ ಮಾಡಿದರು.

ಮಾ. 4: ಬೈಲಾರಿನಲ್ಲಿ ನೆಮ



ವೀಣಾ ವಿವೇಕಾನಂದ ಅವರು ಉದ್ಘಾಟನೆ ಮಾಡಿದರು.

ವೀಣಾ ವಿವೇಕಾನಂದ ಅವರು ಉದ್ಘಾಟನೆ ಮಾಡಿದರು. ಇವರ ಸಂಸ್ಥೆಯ ಅಧ್ಯಕ್ಷೆ ವೀಣಾ ವಿವೇಕಾನಂದ ಅವರು ಉದ್ಘಾಟನೆ ಮಾಡಿದರು. ಇವರ ಸಂಸ್ಥೆಯ ಅಧ್ಯಕ್ಷೆ ವೀಣಾ ವಿವೇಕಾನಂದ ಅವರು ಉದ್ಘಾಟನೆ ಮಾಡಿದರು.

ಆಲೂರು: ಹೊಲಿಗೆ ತರಬೇತಿ ಉದ್ಘಾಟನೆ



ವೀಣಾ ವಿವೇಕಾನಂದ ಅವರು ಉದ್ಘಾಟನೆ ಮಾಡಿದರು.

ವೀಣಾ ವಿವೇಕಾನಂದ ಅವರು ಉದ್ಘಾಟನೆ ಮಾಡಿದರು. ಇವರ ಸಂಸ್ಥೆಯ ಅಧ್ಯಕ್ಷೆ ವೀಣಾ ವಿವೇಕಾನಂದ ಅವರು ಉದ್ಘಾಟನೆ ಮಾಡಿದರು. ಇವರ ಸಂಸ್ಥೆಯ ಅಧ್ಯಕ್ಷೆ ವೀಣಾ ವಿವೇಕಾನಂದ ಅವರು ಉದ್ಘಾಟನೆ ಮಾಡಿದರು.

Association and Empanelment

- BVT has recognised as a Training Partner for organising Skill Development Training in Solar Energy- Solar Technology, Repair & Maintenance of Equipment under National Skill Development Corporation (NSDC), New Delhi.
- Zilla Panchayath Udupi & Dakshin Kannada
- District Administration Udupi & Dakshin Kannada
- Nehru Yuva Kendra, Udupi
- National Bank for Rural Development (NABARD)
- Canara Bank
- Canara Bank Jubilee Education Fund, Bengaluru
- Karnataka Bank
- Karnataka Vikas Grameena Bank
- Bagalkot District Cooperative Bank
- Mahatma Gandhi Institute for Rural Development, Bengaluru
- Krishi Vigyana Kendra (KVK), Brahamavara& Mangalore
- Karnataka Gandhi SmarakaNidhi, Bengaluru
- College of Fisheries, Mangalore
- Autism Society of India
- Dr A V Baliga Hospital, Doddanagudde
- Asha Nilaya (Special School), Udupi
- Selco Foundation, Bangalore
- Selco India Pvt Ltd, Bengaluru
- National Training Institute for SHGs (NIST), Udupi
- NGOs Udupi & Dakshin Kannada
- SDM, Ayurvedhic College & Hospital, Udyavara
- Gandhian study centre, MGM, College, Udupi
- GIZ
- SIDBI

Photographs- BVVS Polytechnic College, Bagalkot



Figure 2 Program Inauguration by Danshetti, Principal, BVVS Polytechnic College, Bagalkot



Figure 1 Theory Session



Figure 5 Certificate Distribution



Figure 6 Group Photo





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