

Krishi Vikas - Search for Agri Innovations



National Institute of Agricultural Extension Management (MANAGE)

(An Organisation of Ministry of Agriculture & Farmers Welfare, Govt. of India)

Rajendranagar, Hyderabad - 500 030, T.S, INDIA

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Team Krishi Vikas - Search for Agri Innovations

Smt. V. Usha Rani, IAS, Director General, MANAGE

Dr. Saravanan Raj, Director (Agril. Extn.), MANAGE

Mr. Siddharth, Program coordinator

Designed by: Mr. N. Shiva Kumar



“Krishi Vikas - Search for Agri Innovations is a national level accelerator program focusing on innovation, facilitating funding, mentorship, office space, and access to a network of investors and venture capitalists for up to 100 selected startups per year. The one year program provides the selected agri-startups with the opportunity of collaborating with mentors, partners and investors to build world-class products and services that will make a positive change in the agriculture community. MANAGE AC&BC Incubation Centre will facilitate the hands-on help and a great co-working location with an expert team to positively impact the growth of new ideas and early-stage startups”

**Smt. V. Usha Rani, IAS,
Director General, MANAGE**

Profile Innovators, Agripreneurs & Incubatees

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Name of Incubatee: Dr. Gayathri Devi S.S
Company Name: Krishi Ekata
Phone: 9591900224
e-mail: gayathrisguddi@gmail.com



About Founder:



Dr. Gayathri Devi S.S has completed Ph.D. from Bangalore University in 2010, M.Sc. from Annamalai University in 2001 and B.Sc. from Bangalore University in 1994. She has successfully completed DST funded WOS-B project (2013-2017) on "Transfer of Mass Production Technology of Bio - Control Agent on Semi-synthetic diet to grape growers for Management of Grape mealybugs". She has Worked in Monsanto Research Centre – Entomology stewardship & support, Bangalore as a senior research consultant (2010-2013), serviced as SRF, R&D and technical manager in Bio-Control Research Laboratories, division of Pest Control (India) Pvt., Ltd. (2001 – 2010)

About Company/ Achievements:



Krishi Ekata deals in the Production of Bio-control agents & Novel Vermiproducs & Training, started on 5th Nov, 2016. Production, promotion and Training and supporting organic farming through cost effective, quality bio-control agents and organic inputs to Indian farmer community. Committed to supply quality bio-control agents (macrobiols) and organic farming inputs for sustainable agriculture. Further, create opportunities to youth by enhancing skills by providing suitable training. On request of farmers we supplied predators and parasitoids to different location of India to control sucking pests and Lepidoptera (mainly horticulture polyhouse). More than 100 farmers are trained about self-mass production of vermicompost products, bio-fertilizers and rearing beneficial insects at their home scale level.

About Innovation:



Developed first time Earthworm meal powder as an artificial diet for mass rearing of Coccinellid beetles. Further refinement is ongoing for other beneficial predators. Earthworm Meal as Cost Effective Artificial Diet for Mass Rearing of Cryptolaemus Montrouzieri (Mulsant), a Biocontrol Agent. International journal of Innovative Research and Development 5 (5): 8-11

Aspiration:



Supporting organic farming through cost effective, quality bio-control agents and organic inputs to Indian farmer community. Commercialization of bio-control methods has the potential to become a major organic producing country given the international demand for our farm products.



Name of Incubatee: Dr. Jayant Deshpande

Company Name: Prajna Poultry Consultants

Phone: 9986117775

e-mail: deshpande_jayant@hotmail.com



About Founder:



Professionally a Veterinarian with post-graduation in Veterinary Microbiology and currently associated with Poultry Industry. Having worked with Godrej Agrovet Limited an animal feed manufacturing company for 25 years at different capacity, now pursuing consultancy for poultry industry since 2018. Totally having 28 years of hands on experience. Based out of Bangalore, providing consultancy services all over India.

About Company/ Achievements:



Prajna Poultry Consultancy services a proprietor concern started in May 2018. Helping poultry integrators, broiler breeders & layers in terms of maintaining health status and improving performance levels. Consulting about 5-6 breeders on routine basis. In addition helping animal health companies in terms of technical assistance and new product development.

About Innovation:



The innovation includes development of Vaccination date determination in food animals specifically in poultry as farms are remotely constructed and managed by semi-literate workers. A mobile app to be developed on cloud platform and vaccination schedule is developed which will calculate vaccination date and an alert is sent by text/mail/whatsapp media to the owner & the farm manager. Since several flocks maintained on farms, missing or delaying of any vaccine can cause disease outbreak. The team has 4 veterinarians & one is based in US who has experience in developing apps. The revenue is generated by subscription and through ads through contacts & through marketing agencies.

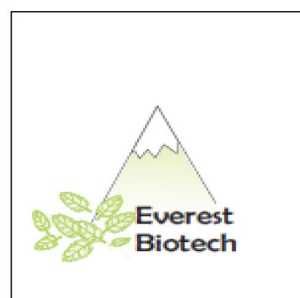
Aspiration:



Once establish in India it will be sold globally and extended to other species as well.



Dr. Shashikant Joshi
Company Name: Everest Biotech
Phone: 09448532321
e-mail: info@everestbio.com
snjoshi55@gmail.com



About Founder:



M.Sc., PhD, 1981 from University of Mumbai. Post-doctoral research in Germany and Switzerland in during 1982-85. Industrial R&D and commercialization of products, processes & value engineering. Technology absorption & implementation in Indian industries from various companies from Germany, Japan, France, UK, China. Recycling technologies of various materials and values added products.

About Company/ Achievements:



Started with natural products extraction & purification during 2006. Working on marine biopolymers in 2007-082010 patent filed for biopolymer coated cotton fabric for agro & industrial applications. Lab & pilot scale set-up is already working, & producing basic material. Standardized Pilot scale, producing small quantities.2013-15 developed products for dental & bio medical applications.2014 -16 developed new products for agriculture applications e.g.

About Innovation:



Reduction in post-harvest losses for farmers. Wastage and loss to formers can be reduced substantially by the novel product. This product has shown remarkable ability to extend shelf life of agro produce. Biopolymer coating has broad antimicrobial activity and biodegradable. Coated fabric is converted into bags for storage of grains, pulses, oil seeds, flours for short / long duration. These bags were tested at DFRL, Mysore, CIPHET, Ludhiana, NABI Mohali, ICAR- CIFT, Kochi, Anand Agriculture University Gujarat from 2011 – 2017.

Aspiration:



Strengthening marketing / distribution network across India. Awareness to Scientists, farmers and traders / stockiest across India. There is huge export market in Africa / South East Asia due to challenging temperatures & humidity. Funding of seed capital of about INR 50 lakhs is required for capital goods to scale up production of bags. Within 2 year itself unit will be profitable.



**Name of Incubatee: Hasan
(Hasansahib Pinjar)**
Company Name: Suvichar
Phone: +91 821 779 9651
e-mail: hasanagri@gmail.com



About Founder:



The founder Mr. Hasansahib Pinjar is an MSc (Agri) (2001) from UAS, Dharwad and MS (Public Policy) (2011) from University of Massachusetts Amherst, USA. He undergone trainings in Plant Protection in NIPHM, Hyderabad (2002), Farm Management & Advisory Services run by Farmers' Organizations (2004) in Denmark, and Soil & Water Conservation and Integrated Watershed Management in IISWC & WM, Dehradun (2018). He opted for voluntary retirement (Feb 2018) from his service as Agriculture Officer for 16 years (1997 – 2018) in Karnataka State Department of Agriculture to start working on his passion to organize farmers.



About Company/ Achievements:

SUVICHAR is a non-profit company / trust (yet to be incorporated) with the main objective of improving quality of life of rural mass in Northern Dry Zone of Karnataka through education, organization, scientific farm management and ecological balancing.



About Innovation:

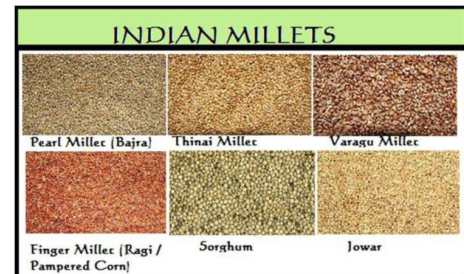
Farm Advisory Services (through FPO Approach) for Self-reliance, Prosperity and Sustainability. Ours is an innovative approach to improve educational and economic level of farmers, improvement of soil health and restoration of degraded resource base using the concept of FPOs. SUVICHAR will be one stop solution to the FPOs. We will educate and inspire farmers to organize themselves into FPOs and facilitate them. We will provide consultation services to FPOs to go for demand driven production, value addition and supply chain management, to bring in diversity in terms of crops and farm enterprises. Along with this, we will encourage farmers to focus on soil health management and restoration of resource base and ecology.



Aspiration:

To improve quality of life of rural mass in Northern Dry Zone of Karnataka by promoting self-reliance, improvement in educational and economic level of farmers along with restoration of degraded resource base.

Name of Incubatee: Karthik J
Company Name: Indian Millets
Phone: 8150858696
e-mail: karthik.jk99@gmail.com



About Founder:



I am Karthik J. I have done BE in biotechnology. Currently working in Software Company since 3 years. Now aspiring to start Millets processing industry in Kolar or Bangalore. I want to make millets namkeens and instant mix foods. As I am from Kolar district from Karnataka, Raagi is abundantly available so want to make raagi flaks, raagi flour as well as other millet by products. I also have 2 acers of lemon plant in Kolar.

About Company/ Achievements:



For few days I sold millet chakkli and millet laadu to know how people will accept product. Every customers liked the product. And then I realized that I want to make it as a profession. So I attended MANAGE program in Bangalore.

About Innovation:



I want to make millet namkeens, ready to eat food, instant mix. As raagi is abundantly available for me I want to make raagi by products also.

Aspiration:



My aspiration is to give healthy product. And even I wanted to be a part of millet revolution.



Name of Incubatee: Shivalinga Mrthy M
Company Name: Bilvashree
Horticulture Consultancy Services
Phone: 9449950649, 7892804985
e-mail: bilvashree1955@gmail.com



About Founder:



BHCS is headed by M.Shivalinga Murthy, who is graduated in Horticulture from GKVK, University of Agriculture Sciences, Bangalore, in 1978. He had a record of assisting about 40 farmers during 2005-06 alone under appraisal & financing for horticulture fruit crops with total credit exposure of around 150 lakhs for which 100% claims were perused with NHB for release of eligible subsidy of around 40 lakhs as credit linked back ended subsidy.

About Company/ Achievements:



The details of various Detailed Project Reports (DPRs), having financial outlay ranging from 5 lakhs to 175 lakhs, prepared & NHB subsidy claims assisted by BHCS and also empaneled consultant in NABARD Consultancy Services (NABCONS), Bengaluru.

About Innovation:



His innovations include introducing innovative strategies to realize potential in horticulture crop identification, modern plantation techniques, cold chain management, modern ICT systems, membership site and blog for enrolment of farmer to have access to techno-economic content, digital library / publications, success stories, seminars etc., to members, enrolment of select farms to provide farmer centric solutions under farm management practices & practicing traceability concepts through ERP software. This will facilitate further to plan for collective bargain of input resources and develop strong marketing strategies like exchange of product / market wise information, grading, labeling, branding, certification, attracting distant buyers, etc.

Aspiration:



BHCS website: www.bilvahorticulture.co.in has been hosted recently to expand outreach to farmers / entrepreneurs; Registration of enterprise under companies act (OPC); Approaching for incubation and hand holding; Creating infrastructure & resource management, Availing incubation services from MANAGE, Hyderabad and for undergoing required skills upgrading trainings.



Name of Incubatee: Madhusudhan M S
Company Name: IM flora
Phone: 9738700430
e-mail:madhusudhan.ms19@gmail.com



About Founder:



My name is Madhusudhan M S and I am the founder of IM flora, a young high spirited dynamic individual, consistently proven to solve complex problems with efficient and simple solutions. I specialize in flower preservation and floral part preservation technology and offer preserved flower to flower outlet businesses of all sizes around the state, ultimately the flower which long last for a year. I hold a Master of Biotechnology from R V College of Engineering, Bengaluru, and Karnataka”.

About Company/ Achievements:



IM flora, we specialize in preserving natural flowers and plants and preparing them to adorn your rooms for a longer period of time. Through our perseveration technology we can able to make seasonal flowers which are available in particular period of year, to anytime in the year in a more economical way.

About Innovation:



The natural flower is subject to the decomposition of the tissues which have ceased metabolizing. Saprophytic organisms are responsible for the change in the floral qualities and for the final decomposition of the organic matter. This invention relates to the long-term preservation of flowers and other subject of the invention being a treatment for obtaining such cut flowers of long duration, i.e. continually maintaining their decorative properties of apparent freshness. The long-life flowers according to the invention are distinguished by the fact that the tissue water of the fresh flowers is wholly replaced with an inalterable substance capable of maintain constant physicochemical characteristics such as structural state extremely close to the fresh appearance as much in respect of the shape, the volume and the plasticity, as the color and even possibly the scent.

Aspiration:



Our main motto is to apply the technological knowledge which was from academics as well as self-experience in the floriculture sector to deliver long lasting elegant flowers and edible flower for the decoration of food products and to prove that we are the best in the preserved flower business and to expand our market throughout the India as well as overseas within one year.



Name of Incubatee: Manu N
Company Name: Orgolite Agro Pvt. Ltd.
Phone: 8904325567
e-mail: n.manu3@gmail.com



About Founder:



The Chief Promoter is Mr. Manu N, residing at #09/51, Sri Baleshwara Swamy Nilaya, J P Nagar, Mallikarjuna Extension, Mudigere road, Belur taluk, Hassan district, Karnataka. He is aged about 29 years, studied M.Sc., in Agriculture. The promoter desires to make changes with innovation in small millet segment from production to consumption with "Farm to Fork Model". He has undergone training about millet cultivation and processing from GKVK Bangalore, Entrepreneurship training by NABARD and MANAGE.

About Company/ Achievements:



Small Millets cultivation area up to 50 acres in 2017 Kharif season at Hassan, Tumkur and Chitradurge districts of Karnataka, pilot scale projects on increase in farmer income level by small millet production, educated and created awareness about small millet production, cultivation practices, post-harvest methods, processing techniques to farmers, created awareness and nutritional aspects to consumers and recognized by Indian Institute of Millet Research, Hyderabad.

About Innovation:



As the innovation is the key role in changing the scenario of any sector, Orgolite always try to find out the new ideas, with focusing on the sustainable farming and consumer benefit with socio-economic impact. Millets as food in our diet have enormous health benefits. Orgolite focusing on this and creating a Subscription based model in which hot and fresh millets foods will be served to the subscriber doorstep.

Aspiration:



Our aspiration is to provide quality & nutritious millet products to the consumer so as to increase the income level of farmers across India. Orgolite have a goal to achieve ultimate satisfaction of the consumer, by means of providing a trust worthy service with a package of variety and quality millets product/ recipe in a real time "Orgolite is a name for trust and innovation"



Name of Incubatee: Mohammed Yunus
Company Name: Natural Products
Phone: +91-9480131973/9862720980
e-mail: mohammedyunus1973@gmail.com

About Founder



Graduated in Science (Chemistry, Botany, Zoology) with Honours in Chemistry from North Eastern Hill University (NEHU), Shillong in 1995. Worked as Quality testing Chemist in the Laboratory of a Cement Factory based in Shillong for three years (1996 through 1998) but left the Job due to Health-problems (Dust- factor).

About Company/ Achievements:



Developing products with Natural ingredients to enhance the Nutritional values of various products available in the market for healthy consumption/ health supplements and testing lab to encourage new combination of various ingredients for developing healthy products.

About Innovation:



Want to lend a helping hand to the farmers by providing facilities like cold-storage and consuming their products that could not be sold in the fresh market (like vegetables, fruits, etc.) by extracting the essential oils in order to get the extracts of various nutrients (micro & macro) and test and bottle them for exporting to other industries like pharmaceuticals and industries like Potato- Chips, nutritional / cold-drinks, chocolate / toffee manufacturers (eg. Vicks, Strepsils or local products) etc. Developing of Fisheries (Fresh-water) and sale/export of the product / canning; Fish-oil production, etc.

Aspiration:



To pioneer in this field of pro-farmer Business hub / industries and create an environment of profit fetching agri-business hub /module and innovation / discovery of products that would give an edge not only in domestic market but also encourage Quality products for Export to other countries, specially South East Asian countries due to the enhanced value of the products and the proximity in terms of distance to the region, if possible / feasible.



Name of Incubatee: Raju. S.V
Company Name: Varsha Agri Business Centerfor Development Limited
Phone: +91 94483 96 260
e-mail:rajusv@varshagro.com



About Founder:



Mr. Raju.S.V, Aged 47 years is the First Generation entrepreneur &B.Sc (Agri). Graduate. With a passion to excel in anything he does and with an attitude to leverage & expand on business opportunities promoted Varsha Associates.

About Company/ Achievements:



Varsha Agri Business Center for Development Limited, is an Agri Enterprise actively into manufacturing and trading of exclusive range of products in all levels of Agricultural Requirements of hi tech equipment's and machineries to the requirements of Farming Community.

About Innovation:



Agricultural Drones – The Future of Agri Mechanization. Abc4D is into research and Development on Drones usage in Agriculture, making Drones available to Small and Medium sized Farmers, Drone's available on rental of Drones in all our Custom Hire centers of Varsha-abc4D for farmers at an affordable price, the significant benefits drones offer should make UAV's ubiquitous in the farming community over the next several years, the rapidly advancing technology should work to improve the effectiveness and ease of use for drones in future.

Aspiration:



Making Drone's in Crop Consulting, for generations farmers have walked their fields investigating crops manually for signs of stress or disease. This traditional, labour intensive method is time consuming and can be difficult when crop canopies thicken. With the abc4d Drones, farmers are able to evaluate their crops at scale while simultaneously creating crop maps that help them manage crops and time better. Agronomists draw from a number of different sciences to address pressing issues, including producing food, creating healthier food, managing the environmental impact of agriculture, and extracting energy from plants. Whether they specialize in crop rotation, irrigation and drainage, plant breeding, plant physiology, soil classification, soil fertility, weed control, or insect and pest control, agronomists rely on a host of plant and environmental data.



Name of Incubatee: A.L. Prabhakar
Company Name: Scientific Agri Solutions
Phone: 9448890217
e-mail: prabhual.al@gmail.com



About Founder: A.L. Prabhakar

About Company/ Achievements:



State Krushi Pandith Awardee 2016-17

About Innovation:



We have a two easy way by which a plant can nourish in a precise manner. They are water damping method and capillary rise effect. These are the two important aspects by which a plant can easily grab food from soil. Water damping method is a process by which two layers of water medium sandwich between a layer of air medium will automatically compressed by atmospheric pressure at controlled conditions through which a plant can absorbed food. Capillary rise effect is a process of rising fertilizer and minerals from bottom layer of the plant to top layer of plant by continuously applying water in a periodic manner which helps to maintain required concentration at root zone. Normalized differential vegetation index (NDVI) imaging are made with the help of drones, which helps to judge the plant health in accurate manner. So it can help to monitor green value of plant and also it helps to make the flow chart of the farm.

Aspiration:



These are the 2 important phenomenon by which a farmer can easily feed the plant in a precise manner at low cost. And also it helps in water management and fertilizer management in farm land. A NDVI drone technology gives accurate results in plant health and farm land management. These are the important technology by which a farmer can easily handle in accurate manner to get better crops.



Name of Incubatee: Mr. Durga Vakkapatala
Company Name: SP Organic EVA
Phone: 9611922551
e-mail: greenlands.agri@gmail.com
www.sporganiceva.com



About Founder:



Durga Vakkapatala, M.Sc., in Bio Chemistry and M.D. in Alternative medicine, Apitherapist at Bio medical system engineering in pharmaceutical division. Member in International Apitherapy society Jyothi Vakkapatla MCA. SP Organic EVA, was founded in 2014 January, is a professional committed to the natural active ingredients in medicinal plant modernization, Organic dietary, industrialization of research, development, production and sales, technology oriented private enterprise has the right of import and export, the company is mainly engaged in series of products.

About Company/ Achievements:



SP Organic EVA is Bio entrepreneur involved into Green Business. Which is adapted Livelihood strategies in Biological Therapeutics to Harvest active Ingredients which are delivered into Medical, Biopharmaceutical, Cosmetic, food and alternative therapeutic industries to ensure the highest quality of Life. To encourage more people to use natural products on their Health with the help of an insect, as opposed to chemicals that can cause more risks than benefits, by collaborating with natural products association to develop the natural standard for Food, personal ,Health care and medical products.

About Innovation:



S P Organic EVA was developed venom Extractor with modern technology and we are into Extraction of venom (Apitoxin/Other) from multiple spices Such as honey Bees, WASP, Ants, Scorpions Etc. Eco friendly Extraction. User friendly Operation. Bee Products are used in main raw material for Food, Cosmetic's, Health care, pharmaceutical Industries and Holistic therapies (Ex. Face cream, anti-wrinkle cream, shampoo, Lip Balm, Ointment, Injectable solution) Bees and/or pollination services are also traded and may be very valuable.

Aspiration:



The idea has been derived from statement given by famous scientist ALBERT EINSTEIN "If the Honey bees are disappear from the surface of the earth. The Human race would have not more than four years to Live." Hundreds of Thousands Honey bees are dying by the rampant pesticide used on commercial crops, and no one seems to be doing anything about it. In a small way, to protect and preserve local hives so that there are still pollinators.

Krishi Vikas Search for Agri Innovations



Name of Incubatee: Prem Rathod
Company Name: TradeDoot
Agriculture
Marketing Solutions Pvt. Ltd.
Phone: +919620963764
e-mail: premrathod.afmi@gmail.com



About Founder:



Prem Rathod farm dependent family and he is doing farming since childhood days with his Father. Story continues working with farming community taken a new height when I joined B.Sc. (Agriculture) at University of Agriculture Sciences, Dharwad (UASD). Got an Opportunity to work with Canadian Scientist on a Research project "Agriculture and Human Health" has given much learning and insight about farming aspects. MBA (ABM) with Agriculture and Food Business Management Institute (AFMI) helped me in appreciating business perspectives in Agriculture and Food industry.

About Company/ Achievements:



KisanSaathi (TradeDoot Agriculture Marketing Solutions Private Limited) is one stop solution to farmers across the supply chain. Works on farmer to wholesaler model in marketing farm produce. Our initiatives main aim is to improve farmer's standard of living. KisanSaathi has also indulged in giving back-end support to farmers by supplying inputs at much cheaper rate than the prices offered by local retailers and wholesalers. KisanSaathi advises farmers on which crop to sow, Technological knowhow, whether to stock or liquidate and when to sell. KisanSaathi is awarded by Karnataka Startup Cell in 2017 for its unique business/Service model.

About Innovation:



1) Supply of farm inputs: All the farm inputs we source or suggest are pre-verified for their quality and reliability directly from manufacturers 2) Crop Planning: We suggest farmers to take crops based on market demand and supply with regional limitations and can maintain supply which matches market requirement.3) Marketing strategy: We suggest best market and buyers for farm outputs well in advance for early placement without any loss in the supply chain.

Aspiration:



I am thriving to create a business environment which will have larger impact on society. Society includes farm producers and consumers. Farmers should get quality inputs at cheaper rate and should produce quality output. The end consumers should get quality output at cheaper rate".



Name of Incubatee: Ravindra
Company Name: Agent Technologies software Private Limited
Phone: +91 98801 36984
e-mail:ravindra@agenttech.org



About Founder:



Ravindra Founder of Agenttech (www.agenttech.org) with eighteen (18) years of industrial experience in MNC's after doctoral degree in electronics (PhD in 2000) Technologies with design, problem solving with 13 (thirteen) US issued Patents (DSP optimization, Unique orthogonal transform for character/text to Numerical domain, wireless, modem, speech recognition, real time scheduling, optimization, Fuzzy control system, DSP compilers, code generation), 32 Indian pending (through Agenttech) patents, 6 international (PCT) pending and 01 Intel Trade secret algorithm. Worked as an advisory board member for two engineering colleges. The top 24 semi-finalist in the NASA, USAID, US State Dept. and NIKE sponsored global top 10 innovators competition held in Oct 2010.

About Company/ Achievements:



Our company is in to the design and manufacturing of integrated, interoperable and re-configurable smart automation products. For home/office/hospital/smart city, connected vehicles and smart sensor based product and solutions for agriculture sector. These product and solutions work in the IoT environment. End

About Innovation:



The conventional soil testing methods, based on manual or mechanical soil sampling and colorimetric or atomic emission spectroscopy are costly and time consuming. To overcome disadvantages associated with the conventional methods, we have come out with a novel live soil nutrient parameter measurement and monitoring product and solutions. SLiM is an AI based IoT product and solution. The product can be reused multiple times which is a significant advantage over the existing solutions. The parameters can be transmitted remotely and the geographical co-ordinates mapped to ensure accurate readings.

Aspiration:



Proof of concept of the product and sale of few products has been done successfully. Now we are in scaling up of the product with regulatory approvals. So far we have put substantial money and other resources for the product to reach this level. Now we are looking for funding to scaling up of this product and solutions so that it would helpful to each farmers in India, so that digital India/farming and Make/Made in India vision a reality.



Name of Incubatee: Suraj kumar D R
Company Name: sown to store
Phone: 7676072625
e-mail: surimandya2929@gmail.com



About Founder:



Three students willing to form these company and they completed M.Sc. (Agri.) from UAS Bangalore.

About Company/ Achievements:



It's like crop consultancy company we will assist farmers from sowing till it reach store room of consumer and we also provide pesticide spraying service to farmer and we supply required inputs to farmer at doorstep at right time and right price.

About Innovation:



Consulting starting from land preparation and taking their products directly to the consumer reduce middle man and we provide pesticide spray service which reduce risk to farmer.

Aspiration:



Farmers know the art of agriculture and we need to feed science to them.



Name of Incubatee: Udayakumar Kollimath
Company Name: Maa Foods
Phone: 74116-96057
Email: agribusiness.uday@gmail.com

MAA FOODS
*For healthy
life"y"style*

About Founder:



Founder has vast experience in agribusiness sector spanning over 32 years and has been working for rural development with focus on the promotion of native land races especially millets and as well indigenous breeds of cattle.

About Company/ Achievements:



The founder has already successfully guided Maitrinutra Foods where Millets based processed foods are available in the market under the brand name MAHAMILLET. Guided the formation of Kalabhairav Millets Commodity Interest Group in Gopalanhalli. Guided the formation of millet based producercompany in Kadur taluk of Chikkamagalur district

About Innovation:



Identified Kodo Millet which had almost become extinct in the state of Karnataka. Guided the young entrepreneurs to develop millet food supplements to Matri Nutra Foods.

Aspiration:



To be the leading organization in promoting millets cultivation and processing worldwide. There by generating more employment in the agribusiness sector to achieve sustainable livelihoods in the rural areas where there is scarcity of water.



**Name of Incubatee: P. Dasaratha Rajkumar, B.B.M
Tamil Nadu**

About Founder:



Dasaratha RajKumar, an agriprenuer in sugarcane and he started to get yield by using tissue culture technology near Erode. The Tissue culture technology was utilized to get higher yield of sugarcane. The technology upgradation was utilized from Sakthi Sugars Pvt. Ltd. for their Agri business. We given over 40 lakh seedling to the farmers. We have designed germination chamber which gives constant growth of seedling.

Achievements:



1. Using Shelter Centre for seedling of sugarcane cultivation.
2. Using Tissue culture Technology in Sugarcane, the virus infection was reduced.
3. Advanced seedling machine was used to control disease level and get best yield for sugarcane.
4. Producing Organic Sugarcane Juice without mixing any chemicals.

About Innovation:



We are planning to do seedling with grow bags and get 25 to 30 branches of sugarcane and if it is grow in tray, then it will be grow 5 times higher yields that can be produce without any disease.

Aspiration:



Growing seeds with grow bags and try to get 25 to 30 branches and 5 times yield of sugarcane in future. We need Lab facility and also Training, Funding for further process.



Name of Incubatee: Innasi Muthu

Company Name: Green Madurai Nursery Garden



About Founder:



The great thing about Green Madurai Nursery is that they grow nearly all of their plant stock themselves. Vivality, they are chopping out the middle man and transient the savings onto their customers. We make a large percentage of the plants which you will find on sale in our beautifully sustained sales areas. Moreover, you can find outstanding selection of shrubs, trees, fruit, roses, ascending plants, herbaceous perennials, alpines and heathers in our garden. We seem certain that you will also be tempted by our comprehensive variety of inside plants, seasonal bedding and patio plants.

Achievements:



All our Nursery Products that are produced through Natural Organic Manure will never pollute the land, ground water and possess Natural disease resisting capacity, climate stress-resisting Capacity, transplantation stress tolerance etc. These Lawn Grass and plants that are cultivated through natural manure have longer life span, than the plants and grass that are cultivated using inorganic chemical fertilizer.

About Innovations:



We followed organic farming to cultivation of Lawn Grass mats and all garden plants with less time span.

Aspiration:



We want to use only natural organic manures like vermicompost, jeevaamurtham, cow dung, panchakavya and biological pest control for cultivating Lawn Grass Mats and all Garden plants in our Nursery Garden. Normally, lawn grass mats produced through inorganic fertilizers are harvested in four months but we want to make lawn grass mats produced through Natural Organic Manure are harvested around Eight months and hence this lawn Grass naturally possesses greater disease resisting capacity and the colour of the grass will be rich in natural Green colour, which will not fade and become dull in due course of time.

Name of Incubatee: Jeyakumar
Company Name: JS-IP Design Solutions
Mobile: 0452 – 2489098
e-mail: jaijat07@gmail.com



About Founder:



JS-IP Design Solutions a sister concern of JS Container & JS Machine Tools was started in April 2017. It is a MSME and GST registered firm. JS-IP Design provides guidance and support for startups, entrepreneurs and individual firms to protect and rule over their innovative ideas of any mean such as product, process, Designs, Trademarks and copyright. The registered office is at Madurai in Southern part of India. The major activity of the firm is to protect the industrial design of an individual or companies by designing, filing, execution and grant of industrial design. The firm has so far filed 75 design patents and 31 patents in different fields such as marine biology, medical, industrial safety, automobile safety, solar energy and environmental, out of these 62 design patents and 6 patents are granted.

Achievement



1. Cost Efficient
2. FRB Tank Life Time is More than 20 years
3. Portable and easily movable
4. Ecofriendly
5. Yield of Fish is High
6. Less Space is Enough
7. Temperature is Maintained
8. Water Consumption is Less
9. Organic Feed for Fish

About Innovations:



The firm engages in developing new innovations which is effectively used in the society. The firm also extend its support to create awareness among the students to encourage their innovations, products development and in IPR filing.

Aspiration



1. Try to make Fully Automatic Water Supply
2. Try to Unit powered by solar energy
3. Try to make temperature controlling system
4. Try to make Composite water separate collection unit
5. Try to do Recycle water

Name of Incubatee: Karuppaih

Company Name: Aneesh Naturals
Mobile: 98423 95441
e-mail: kprich123@gmail.com



About Founder



It includes Herbal Collection, cultivation from farmers and cropping, drying, cleaning, baling, or pulverizing and supply to Siddha, Ayurvedic, Pharma and Nutraceuticals Company and Traders.

Value Added products like herbal bath powder, tooth powder etc.

Achievement



Convert the waste into wealth concept and herbal collection and supply to Siddha, Ayurvedic, and Pharma industry. Moreover, Value added products like herbal, bath powder, tooth powder. Moreover, Recycle the waste into wealth is our motto and organic cultivation concept and all in one concept of all crops for human survival.

About Innovations:



Based on the organic concept, we converted waste into wealth concept.

Aspiration:

1. Value added herbal product
2. Try to produce Natural food by organic farming
3. Rice
4. Minor millets,
5. Pepper
6. Chillies
7. Coconut oil
8. Sesame oil
9. Ground nut oil





Name of Incubatee: Motesh
Company Name: VIMI Agri Ventures and Consultancy Service

About Founder:



Motesh is an agripreneur, serial entrepreneur, and he is a mechanical engineer from, Tamil Nadu. To pack these fodder food materials, various food packaging machines are used. The mouth bagger packing is expensive and it varies and styles is changing depending on the storage of fodder food products. He developed low cost anaerobic silage packing machine and it is easy to use for farmers.

Achievements:



Mechanical designing of machines for commercial purpose to access for ground level farmers. Especially, small size of fodder food packing machine have developed and it is easy to buy for formers. We have covered 14 villages, 460 farmers in Tamil Nadu.

About Innovation:



We have invented silage package and it is an anaerobic machine to pack fodder foods which we can store it for long time. Moreover, it is less time consuming to operate and easy to handle in small places and fodder food can store in a prolong time compare to normal packing systems.

Aspiration:



Financial support is needed for Research & Development and also training is required for technology upgradation. Mentoring support from expertise in Farm mechanization is also useful for upscaling the business to serve for formers. Moreover, product based IPR support is required for getting patent.



Name of Incubatee: Parameshwaran

Company Name: K.R.Agro Farm



About Founder:



In the year of 2010, the K.R.Agro farm was launched and it is located in oddanchatram. The main purpose of the consultancy is to seed production on Onion, Moringa, Cluster bean and Kitchen garden. Moreover, Agri-Inputs sales and consultancy services. So far, 2 Mt/year Bellary onion (N-53) is produced. Moreover, Cluster Bean and Kitchen Garden of 10 Mt Cluster bean seeds are produced and distributed every year to Gujarat, AP and Maharashtra. Kitchen Garden seeds of different crops is being produced and distributed through retailers.

Achievement:



We have started 100 Kgs of Moringa seed production in the year of 2010 and consultancy service for leaf cultivation was started in 2015. In 2017-2018 reached upto 10000 Kgs exclusively for fruit cultivation. In 2018, a new selection variety Linga was introduced for leaf cultivation. Crop advisory service also extended to all parts of the country through WhatsApp and email etc.

About Innovation:



As of now, 2 Mt/year Bellary onion (N-53) is produced. Moreover, Cluster Bean and Kitchen Garden of 10 Mt Cluster bean seeds are produced and distributed every year to Gujarat, AP and Maharashtra.

Aspiration



We need support for contract farming on organic Moringa leaves production and processing the leaves into powder. Moreover, conversion of dried leaves into capsules and other food products. Finally, all the operation needs to be done under ecocert certification.



Name of Incubatee: Pasumai Ilaigal
Company Name: Pasumai Ilaigal
(Farmers Direct Selling Centre)



About Founder:



Pasumai Ilaigal is promising for chemical free greens and individually taking greens regular basis or at least weekly once. Our main products are Tricolor Amaranthus, Tropical Amaranthus, Tender Amaranthus, August Leaves, and Red Amaranthus. Pasumai Ilaigal is working towards to fill the huge gap between rural and urban.

Achievements:



We have achieved Farm to Consumer (F2C) of Farm products and consumer to farm (C2F) of Degradable waste. Moreover, Value addition of farm products based on Harvest-Cut-Sell method. Moreover, improving the farm inputs and we are doing Export for the products.

About Innovations:



The business idea was to recycle the farm to customer and the agri wastage from customer to farm level to prevent environmental degradation. It will be cost effective to utilize those projects. The money will be transferring directly farmers to customer.

Aspiration:



We need to develop a low cost cold storage and form a farmers group and start direct farmers selling centre. We need a support for Farmer Producer Company. Moreover, Funding required for transport, cold storage installation, Farm Machineries.

Name of Incubatee: P.Sanjeevi
Company Name: Oyster Mushrooms



About Founder:



We are the people having 22 years of experience in oyster mushroom cultivation technology. Due to tremendous potential market for oyster mushroom, we interested to train people to grow mushroom. There is huge demand and production is less in India. We are encouraging people who want to start oyster mushroom cultivation, terrace gardening.

Achievements:



We provided full technical support for life long for oyster mushroom cultivation. We successfully done business in Coimbatore region and planning to expand all over Tamil Nadu. We did mushroom business in small investment which gives high returns compared with other business.

About Innovation:



By using Tissue culture techniques we are producing high quality oyster mushroom and it takes less time to grow.

Aspiration:



We need technical support from MANAGE and it will be useful when you give marketing support. Moreover, we need funding support for expanding the oyster mushroom business all over India and export to other countries. Because oyster mushroom has strong demand in the market and supply are very less. We need some fruitful from MANGE.

Krishi Vikas Search for Agri Innovations



Name of Incubatee: Mrs. S. Sellaponnu
Company Name: "VKS Agri-Clinics"

e-mail: sellaaa@yahoo.co.in,
Mobile-09345753951, 08939843270

About Founder:



Ms. S. Sellaponnu, is the founder of 'VKS Agri-clinics' and Agri-business center that disseminates information on complete scientific solutions in farming sector. Hailing from Tirupuvanam, of Shivaganga district, Tamil Nadu. She is a graduate in Agriculture with a master's degree in finance. Initially she worked at different financial institutes such as Mahindra Subhlabh Services Ltd and National Bulk Handling Corporation Ltd. Chennai, for 5 years. Ms. S. Sellaponnu observed that the key problems facing farmers in Tirupuvanam was lack of scientific approach to farming, lack of warehouses for storage of agricultural commodities, involvement of many intermediaries for market access, all resulting in lesser profits to the farmers. With a passion to work for developing farming communities and enhancing environmentally sustainable economic development, she decided to create her own social enterprise. She joined the Voluntary Association for People Services (VAPS) Madurai, an NTI which offers the two month residential training program, under the scheme.

Achievements:



VKS Agri-Clinic Operates in 200 villages spread over in entire sivaganga district covering more than 3000 farmers who are registered and issued individual farm cards. We also involved in promotion of renewable energy resources, she also educates the farmers in installation of solar power systems and we have recruited 6 persons and the annual turnover of VKS Agri-clinic is Rs. 2 Crore.

About Innovation:



We have followed cropping patterns and advises complete farming solutions from nursery management, land preparation, fertilizer application, irrigation management, pest management, yield assessment, harvesting and marketing.

Aspiration:



We need to establish to educate farmers and popularize solar water pumping systems and consultancy services are also required for improving the extension services in agriculture such as farming solutions from nursery management, land preparation, fertilizer application, irrigation management, pest management, yield assessment, harvesting. We need strong marketing support for agriculture products.



Name of Incubatee: Sundar

Company Name: Agri Clinic Consultancy center

About Founder:



Sundar Agri Clinic is the Agriculture Consultancy services which recognized by Indian Agriculture Department of India. We are supporting quality seeds, organic fertilizer, pesticides, and advanced machines for agriculture and direct consultancies for farmers. Moreover, supplying fodder agricultural foods for animals to the farmers.

Achievement:



We have received AC&ABC award from National Institute of Agricultural Management, Hyderabad and also received project certification from Jain Institute of Vocational & Advanced Studies and got the certification of quality seed grower organized by agriculture skill council of India.

About Innovations:



We are improving and updating the system in fodder crops, nursery and becoming technologically strong in farm machineries, drip irrigation systems.

Aspiration:



We need support for consultancy for extension services in agriculture especially, training and consultancy service for organic farming. We need support for improving system for fodder crops, nursery, identifying technology of farm machineries, drip irrigation systems and also support for crop insurance systems.



Name of Incubatee: Sundaramoorthy

Company Name: Alagu Pannai



About Founder:



Alagu pannai is established on in 2000 and we are supporting the farmers for organic based rice, pulse cultivation. We have covered 60 villages, about 150 farmers. We are manufacturing tooth powder, vessels cleaning powder. We are major producer of amla in our regions.

Achievements:



We have supported advanced organic farming to many farmers to avoid adding chemicals in agriculture and given employment to entrepreneurs for social development. Our main aim is to provide natural and quality foods to people and encourage to increase farmer income.

About Innovations:



We are trying to improve organic farming for rice, pulse to get higher yield for farmers and helping to earn profit for farmers.

Aspiration:



We need technology support for organic farming and Agri-inputs. We need marketing support for our Agri-products. Value added service is required to establish the business and helping to the farmers community to earn profit. Finally, all the operation needs to be done under ecocert certification.



Name of Incubatee: Thomas

Company Name: Thomas Sea Foods



About Founder:



Protein rich fish food for all the people to live a good life and prevent from the unhealthier lifestyle in a toxic method. The main aim is to increase the quality fish based food and healthier snacks for children. To increase immunization, we are adding herbs with fish base to introduce fish based product as new market idea. The Digestive capability of fish product is 85% than the beef, pork and it stimulates digestive glands.

Achievement:



We made a fish chocolate, fish cake, fish chips, fish ice cream, and fish cure, fish drinks that will be for ready to eat and ready to cook. All age category people is our target customer because of our product is High Protein.

About Innovations:



We are trying to develop the idea and identifying a new fish products and sell into both domestic as well as international.

Aspiration:



Encourage new entrepreneurs to make fish products and empower women's economic status interns of job orientation in society and also to exhibit the importance of fish based food in the global market.



Name of Incubatee: S.Vediappan

Company Name: KVS Enterprises

About Founder:



We have established business venture on 2003. KVS Enterprises is the partnership firm going to manufacture and trading of edible oil in traditional way i.e. exchange oil by using wooden log/chekku and marketing it in Chennai region through super markets, grocery shops and traders. Thereby KVS enterprises want to uplift the farmer's economic status in rural areas in and around Tiruvannamalai. It covers 10 villages and 50 farmers covered

Achievement:



KVS enterprises provide edible oil without any adulteration, artificial coloring, and artificial odour and without mixing of mineral oil, palm oil etc. We are offering edible oil such as Groundnut oil, Sesame oil at a reasonable price to consumers. Both oil can be used for cooking, making snacks, sweets. It has extracted by cold press method i.e. by using wooden log (Chekku) in a traditional method. The firms are providing direct employment of nearly 10 persons and by purchasing oil seeds the farmers can get good market for their oil seeds.

About Innovations:



Hence oil will not get heated during crushing by cold press method, it is useful to entrepreneur to establish their own oil business.

Aspiration:



By constructing crushing unit in village many farmers can sell the oil seeds to us thereby they can earn profit for their oil seeds. So we need funding support for procuring and constructing crushing unit. Our aim is to provide quality of our service for good quality oil at reasonable price and by advertising in TV channels, FM radio, and our oil will become well known and familiar to the consumers in Chennai region.

Agri Innovations

A glowing lightbulb hangs from a cord against a dark green background. Below the lightbulb is a field of vibrant green grass. The entire scene is framed by a large, curved graphic element on the right side, composed of overlapping bands of teal, lime green, and yellow-green, set against a dark blue background.

MANAGE AC&ABC Incubation Centre

National Institute of Agricultural Extension Management (MANAGE)

(An Organisation of Ministry of Agriculture & Farmers Welfare, Govt. of India)

Rajendranagar, Hyderabad - 500 030, T.S, INDIA

www.manage.gov.in