



GREEN NEST

KRISHIK- Agri Business Incubator UAS Dharwad



Vol: 05

April - June 2024

Issue: 02

A Quarterly NEWSLETTER of KRISHIK-ABI-UASD

From the desk of Hon'ble Vice Chancellor

I am delighted to place on record that KRISHIK-ABI UAS, Dharwad has made significant progress during this quarter. One of the important events was the organization of a workshop on ideathon for UG students of UASD. I appreciate the brilliant ideas of the students to address farmers' problems presented on 11 June 2024. We were able to consider 30 ideas for further submission to KRISHIK as well as to other RABIs. Additionally, we were able to successfully organize the RIC for the release of subsequent installments to nine incubates, amounting to Rs. 47.20 lakh. Documents are also in place to release funds for the seventh and eighth cohorts for 19 startups amounting to Rs.85.40 lakhs. Our team was able to visit and monitor the progress made by earlier funded startups. I am curious to see the launch of 19 new startups in coming month and growth of earlier batch startups. I extend my best wishes to all startup founders and partner RABIs. With onset of monsoon, let our startup products and services reach more farmers in coming days.



Dr. P. L. Patil

Hon'ble Vice Chancellor

University of Agricultural Sciences, Dharwad



Release of first quarter newsletter by Hon'ble Vice Chancellor with KRISHIK team

FIND US
HERE

facebook.com/KRISHIKABI.UASD

linkedin.com/in/krishikabi-uasd

twitter.com/krishikabi

instagram.com/krishikabi.uasd

www.uasd.edu

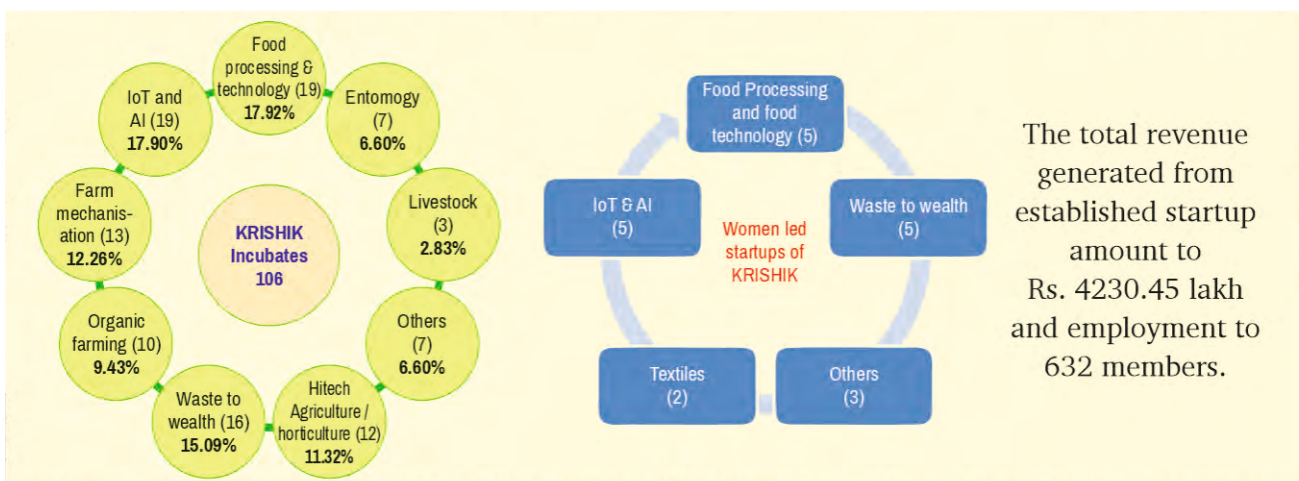
rabi@uasd.in



KRISHIK ABI Startups Performance

KRISHIK has funded 106 startups across various focus areas. The majority are in food processing and technology (17.92%), closely followed by IoT & AI (17.92%). Other notable areas include Waste to Wealth (15.09%), Farm Mechanization (12.26%), Hi-tech Agriculture (11.32%), and Organic Farming (9.43%). Out of the 106 startups funded by KRISHIK-ABI, 21 are successfully led by women.

The total revenue generated from established startup amount to Rs. 4230.45 lakh and employment to 632 members.



Monitoring and Evaluation of Startups

The project staff visited many startups during the quarter for monitoring and extending assistance in achieving their objectives. The silent achievement of the startups is documented during the visit.

Site Visit Report of Seed Stage Startups

Startup name: Hagel Technologies Pvt Ltd

(Grant amount 25 lakh).

Product: Smart device to detect and control fall armyworm. (The prototype is available at SDM engineering college).

Social impact: Employed 15 members with annual turnover of 97 lakh.



Startup name: Hydrogreens Agri Solutions Pvt Ltd

(Grant amount-15 lakh)

Product: Manufacturing and supplying low cost micro-climate controlled vertical fodder growing chamber.

Social impact: Supported 500 farmers and employing 10 members with annual turnover of Rs. 80 lakh



Startup name: Wide Mobility Mechatronics Pvt Ltd

(Grant amount 25 lakh).

Product: Developed fully automated X-Ray based screening system to avoid quarantine rejections and enhance exports of fruits and vegetables.

Social impact: Employed 12 members and they have 15 customer base. Having annual turnover of 3 crore





Startup name: Arhat Agro Solutions Pvt Ltd

(Grant amount 15 lakh).

Product: Production of single eye bud seedling of sugarcane varieties.

Social impact: Employed 15 members and able to reach 100 + farmers. Earning annual revenue of 20 lakh



Startup name: Unostar Biochem India Pvt. Ltd.

(Grant amount 25 lakh)

Product: Production of surface disinfectant out of nanoparticles namely nano-silver extracted from natural ingredients for poultry and dairy animals.

Social Impact: Reached more than 500 customers. Earning 57 lakh revenue and employed 8 members.



Startup name: Oscillo Machines Pvt Ltd.

(Grant amount 25 lakh)

Product: Developed semi-automatic electric root washed paddy transplanter

Social Impact: Employed 5 members and able to reach more than 300 farmers and getting the revenue upto 18 lakh.



Startup name: Aqua Bio Solutions LLP

(Grant amount 20 lakh)

Product: Organic and inorganic based adjuvant material used for plant protection

Social Impact: Reached more than 2000 farmers, employed 11 members



Startup name: Bioman Technologies Pvt Ltd

(Grant amount 25 lakh)

Product: collection and conversion of wastes from households into organic manure.

Social Impact: Employed 10 members and reached upto 700 customers. They are earning average revenue of 18 lakh every year.



Startup name: Sirdeshpande's Durga Nursery LLP

(Grant amount 25 lakh)

Product: Bench Grafting using bio-degradable plugs which increases grafting efficiency

Social Impact: Employed 25 members and have customer base of more than 10.



Startup name: Tropical Farms and Agro solutions

(Grant amount 11 lakh)

Product: Established smart poly house for farmers involved in the production of specialty vegetables

Social Impact: Employed 4 members and have 4 customer base. They are into contract with hotels for supplying vegetable grown in the smart playhouse



Startup name: Yali Textiles LLP

(Grant amount 20 lakh)

Product: Procurement and production of natural colored cotton based apparel avoiding the synthetic dyes.

Social Impact: 150 customers base and impacted six farmers Brown cotton apparels by yali textiles



Startup name: Nelbac OPC Pvt Ltd

(Grant amount 15 lakh)

Product: Timer and volume based watering devise to small and large scale areas.

Social Impact: Sold 45 units and reached to 50 customers. Earned the revenue of 5 lakh.



Startup name: F&F Farmers First LLP

(Grant amount 10 lakh)

Product: Visible and automated purified honey collection box.

Social Impact: Employed 5 and have 25 customer base. Patented the innovation.



Outreach Programme and Workshops

Orientation to UG Students of UAS, Dharwad

- Offline orientation to III year B.Sc. Agri, ABM, C.Sc. and B-tech students of UAS, Dharwad was held on 13-05-2024 at College of Community Science Auditorium. More than 70 students participated in the programme.
- Online orientation for all UG and PG students of College of Agriculture Vijayapur, College of Agriculture Hanumanamatti was conducted on 15 May 2024.
- Online orientation to Sirsi students was conducted on 27-06-2024. About 60 students participated in the programme.
- Orientation to students from UAS, Raichur and UHSc, Shivamogga was conducted on 10 June 2024 at Community Science Auditorium



Orientation to UAS Dharwad students



April - June 2024



KRISHIK- Agri Business Incubator UAS Dharwad

Orientation to B.Sc (Agri) students of Kolhapur

Hundred and thirteen students from D.Y. Patil college of Agriculture Talasande, Kolhapur affiliated to MPKV Rahuri visited UAS, Dharwad on 13-06-2024. They were briefed about the project and shown incubation facilities.



Orientation to students of D Y Patil CoA Talasande

Orientation to COH Aeabhavi Students



Participation of Project Team in Incubators Conclave at Bangalore

ICAR - National Institute of Veterinary Epidemiology and Disease Informatics organized Incubators Conclave on 17.05.2024 at KSTA (Karnataka Science and Technology Academy), GoK, Yelahanka, Bengaluru. Along with Dr. S. S. Dolli CEO three project staff from KRISHIK-ABI participated in the conclave. The sessions focused on the challenges in incubation centre and strategies to address them. Interactions with other incubators, venture capitalists, and government departments/industry stakeholders was conducted.



Incubators conclave at STC Bangalore

Ideathon Workshop for Student :

The KRISHIK Agribusiness Incubator, University of Agricultural Sciences (UAS), Dharwad, hosted a Student Ideathon Workshop on June 11, 2024, at the VC Conference Hall. The event was inaugurated by Dr. S. S. Dolli, Principal Investigator of the KRISHIK-Agribusiness Incubator, UAS, Dharwad. Dr. C. R. Patil, Professor and Head, Department of Microbiology, UAS Dharwad; Dr. Jagadeesh M. R, Associate Professor, COF, Sirsi and Dr. Ravikumar, Associate Professor, COA, Hanumanamatti were participated. The objective of the workshop was to provide opportunity for pitch in the ideas by students. Undergraduate students from constituent colleges located at Sirsi, Hanumanmatti, Vijayapur, and Dharwad participated in the workshop. Totally 30 idea proposals were recommended by the committee. The students were informed to submit the proposal to consider under RKVY student startup idea proposal category.



Student ideathon workshop at UAS Dharwad



Students participated at ideathon workshop

National IP Yatra 2024:

The KLE Tech MSME Intellectual Property Facilitation Centre (IPFC), in collaboration with the MSME Hubli and the District Industries Center Dharwad, organized a one-day workshop on June 22, 2024 on Intellectual Property Rights. KRISHIK staff participated in this event. The workshop featured sessions on the importance of innovation, protecting IP rights, fostering innovation within industries, and the processes of technology transfer and commercialization of IP.



Participated in National IP yatra at KLE Tech Hubli



Meetings and Trainings

Review Meeting with Hon'ble Vice Chancellor UASD

The review meeting of KRISHIK Agri-Business Incubator, was conducted under the chairmanship of Dr. P.L. Patil Hon'ble Vice Chancellor and Chairman RIC on 03-04-2024. The progress made by KRISHIK-ABI was presented. Action plan for next six months and various issues were discussed in the meeting.



Review meeting of KRISHIK-ABI

Mentors Allocation to 7th and 8th Cohort Incubates

In order to bring collaboration of the university with the startups in the development of innovation/prototype development faculty from the concern department were allocated to 7th and 8th cohort incubates. The meeting was held on 18-04-2024 at 4 pm through online mode. Twenty incubates of 7th and 8th cohort were allotted UAS faculty as mentors. They were asked to take technical advice and also give lab facility of UAS Dharwad



Mentors allocation to 7th and 8th cohort incubates of KRISHIK

RIC for Partner RABIs:

RIC meeting for subsequent release of grant-in-aid of earlier cohort incubates of National Institute of Veterinary Epidemiology and Disease Informatics, Bengaluru was held on 20-06-2024, 22 startups presented their progress.

The RIC meeting for subsequent release of grant-in-aid of earlier cohort incubates of Central Institute for Research on Cotton Technology (CIRCOT), Mumbai was held on 06-05-2024, 16 startups presented their progress.

Training and Capacity Building Activities

Training Session on Design Thinking

A session on design thinking was organized on 11-06-2024 at VC Conference hall for the students. The resource person Mr. Amrut Patil, Deputy Director, Deshpande startup conducted the session. He briefed about design thinking, stages etc. About 70 students belonging to constituent colleges of UAS, Dharwad participated in this session

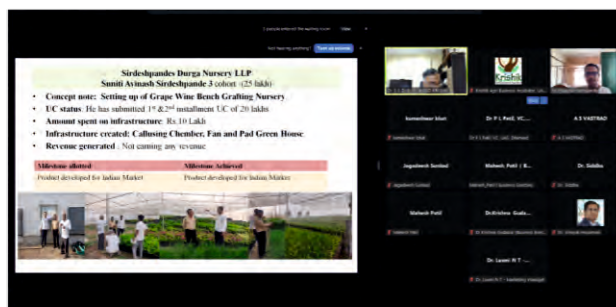


Session on design thinking by Mr. Amruth Patil, Deputy Director, Deshpande Sandbox-Hubli

RIC, SIG of KRISHIK-ABI UAS, Dharwad

RIC Meeting for Subsequent Release of Installments

A RIC meeting for the release of subsequent installments was conducted online on June 7, 2024. The meeting involved eight seed-stage and four pre-seed stage startups from an earlier cohort who had



RIC meeting for subsequent release of grant-in-aid



submitted their Utilization Certificates (UCs). During the session, mentors provided an overview of their monitoring visits and the progress made by the startups. Following this, the startups presented their progress and outlined their future funding needs. Total of 45.20 lakh for seed stage startups and 2 lakh for pre-seed stage startup were recommended by the committee.

Achievers of KRISHIK-ABI UASD

Kissan Connect LLP

The founder of this company Mr. Abhishek Bembalgi has developed a multifunctional and multitasking tractor attachment called the Cultivator.

This innovative tool combines the functions of a cultivator and a rotavator, enabling it to pulverize, powder, and level the soil simultaneously, thereby saving time and fuel. The startup is located at Belagavi, received a grant of 5 lakh. Abhishek's venture has created employment for 10 people, generated revenue of 12 lakh, and reached over 50 farmers. He supplies the Cultivator to custom hiring centers, where farmers can use it on a rental basis.



Cultivator developed by Kissan connect LLP

Adaptive Agritech Solutions Pvt. Ltd.

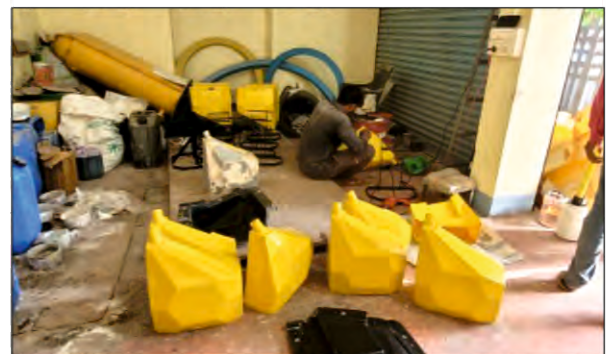
Nandita Yenagi founder of this startup has developed a multipurpose sensor-based device designed for feeding fertilizer, spraying liquids, and drenching. As a participant in the 5th cohort, she received grants of up to 25 lakh. She has generated revenue of 15 lakh and employed seven people. She has received several awards and recognitions, that includes TALAASH in 2015, receiving support from Nanopix ISS Pvt Ltd, and being honored with the Best Entrepreneur Award by Narayan Murthy and Gururaj Deshpande. Additionally, the venture was an ELEVATE 2018 winner and holds over three patents in the agricultural field.



KRISHIK team visit to Kissan connect LLP

Suryanirbhar Agritech Pvt Ltd

The team developed powered agri implements for Indian farmers The founder Ashwini Vikas got selected at 4th cohort and got 20 lakh grants. She has invested 2.5 lakhs on capital expenditure. She is able to reach more than 50 farmers and given employment to seven members. She got revenue of 11 lakh in 2023-24 and selected under elevate Karnataka 2021 for idea to PoC for battery operated plantation machinery, she was selected under SELCO catalyze Tech incubation programme for small weeder for millet and she is one among acumen energy and livelihoods accelerator programme for building renewable energy solutions for small holder farming communities.



Sensor based fertilizer and spring machine by Adaptive Agritech Solutions



Solar powered operated intercultivator by Suryanirbhar Agritech Pvt Ltd

Visitors to KRISHIK-ABI



Dr. Veerabhadraiah and Dr. Ishwarappa
Former Director of Extension UAS, Bangalore
visited on 09-06-2024



Thirty five III BBA Students from JSS College
Dharwad visited to KRISHIK-ABI UAS, Dharwad
on 12-06-2023



Sixty final year B.Sc. Horticulture
students of College of Horticulture
Arabhavi visited to KRISHIK-ABI,
UAS, Dharwad on 19-06-2024

Applications for the 11th cohort are invited. Upcoming entrepreneurs who are interested to have startups in the area of agriculture and allied sectors can apply here.

Upcoming events

Sl.No.	Activity	Dates
1	RIC for releasing of subsequent installment	July 2024
2	RIC for 10th cohort	July 2024
3	Training to 10th cohort startups	August 2024
4	Monitoring visits to startups	July to September 2024
5	Visits to partnet RABIs	July 2024
6	Workshop on "Scaling Opportunities and New Schemes"	July 2024
7	Startup pavilion at Krishimela 2024 UASD	September 2024

Edited and Published by

Dr. S. S. Dolli

PI and CEO, KRISHIK-ABI,
UAS Dharwad

Dr. Vinayak Hosamani

COO
(Chief Operating Officer)

Dr. Suvinkumar

Manager
(Finance & ICT)

Dr. Laxmi Tirlapur

Manager (Marketing and
Communication)

Mrs. Deepa Vastrad

Content Developer

Dr. Krishna Gudadur

Business Executive

Mr. Mahesh Patil

Business Executive