

Veterinary Incubation Foundation @ TANUVAS

(A section 8 company of Tamil Nadu Veterinary and Animal Sciences University)

News Bulletin

Issue 2

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Message from Vice-Chancellor of TANUVAS

It is a matter of great pride and pleasure in releasing this second issue of the News bulletin of Veterinary Incubation Foundation (VIF) @ TANUVAS. We had multi-various activities in the last few months to promote entrepreneurship and incubation activities. We had two PS&RC meetings and inducted seven startups having innovative ideas in animal sciences domain. We also made efforts to strengthen the VIF@TANUVAS to accommodate 15 more startups in near future. We approached BIRAC for hosting BioNEST at VIF@TANUVAS and received their funding support. State Government is also providing additional funding support to expand the incubator through civil structures. We also launched doorstep diagnostic service for detection of haemo-



protozoan parasites in canine for the first time in the country. As part of the student entrepreneurship promotion activities, six students from constituent colleges of TANUVAS were sent to participate in the regional entrepreneurship workshop at Hyderabad. We look forward to bringing in more startups on board to enable them to successfully address the issues, demands and to fill the gaps in the market in the veterinary sector.

Dr. C. Balachandran
Vice-Chancellor, TANUVAS

FUNDING SUPPORT

VIF@TANUVAS gets funding support for BioNEST

DBT-BIRAC, Govt. of India has sanctioned Rs.3.88 crores in the month of March 2020 for establishment of BioNEST under the project titled "Promoting Veterinary startups through Bio incubator" at VIF@TANUVAS. BioNEST, which will enable VIF@TANUVAS to overcome the space constraints i.e. 8400 sq. ft. area will be made available to accommodate 15 more startups. VIF@TANUVAS was actively engaging with BIRAC and Host Institution from the stage of submission of project proposal. The final sanction came after completing the vigorous processes that involved proposal presentation, site visit by BIRAC team, revision of proposal and signing of Grant-in-aid Letter Agreement (GLA). The BioNEST centre will be established within a period of six months in a fast-paced manner.

Funding support from Government of Tamil Nadu

The State Government has sanctioned Rs.71.94 lakhs in November, 2019 after making announcement on the floor of assembly by Hon'ble Minister for Animal Husbandry for Strengthening VIF@TANUVAS through civil structures. Under this project, about 3000 sq. ft. area will be constructed at Madhavaram Milk Colony to create additional space for incubation activities to nurture startups in the area of Veterinary Sciences.

VIF@TANUVAS, a Knowledge partner for Innovation Voucher Program

The Government of Tamil Nadu has launched the Innovation Voucher Programme (IVP), a grant-in-aid scheme for MSMEs and start-ups in the manufacturing sector. The scheme is being implemented through the Entrepreneurship Development and Innovation Institute (EDII), Chennai. VIF@TANUVAS is one of the Knowledge Partners for various product/ process development activities of MSMEs and start-ups in animal sciences. Two vouchers are available under this scheme.

Voucher A (Entry into Research) -	The grant is 80% of the project cost to the maximum of Rs. 2.00 Lakhs
Voucher B (Entry into Market) -	The grant is 50% of the project cost to the maximum of Rs. 5.00 Lakhs

Product launched under the financial support of VIF@TANUVAS

‘Combined Cream Separator cum Butter churn’ was launched by Dr.C.Balachandran, Vice-Chancellor, TANUVAS on 20th November, 2019 at VCRI, Namakkal. The idea was presented by a team of students (S.Preethi, S.Aishwarya, R.Premchand, M.E.Saran) from VCRI, Namakkal under the Vetpreneurship Grant Opportunity (WeGrow). VIF@TANUVAS decided to support the students to develop prototype for their idea under Pre-Incubation Support to Promote Entrepreneurship (PISPE). Dairy entrepreneurs and farmers can be benefitted from this product. Dr.G.Dhinakar Raj, Director, CAHS & Project Coordinator, VIF@TANUVAS, Dr. B. Mohan, Dean, Veterinary College and Research Institute, Namakkal, Dr. G. Kumaresan, Prof. & Head, DLPT (Dairy Science) and Dr. N. Karthikeyan, Asst. Prof., DLPT (Dairy Science) participated in the launch program.



Financial support to promote student entrepreneurship

As part of the student entrepreneurship promotional activities of VIF@TANUVAS, six PG/ Doctoral students nominated from the constituent colleges of TANUVAS were financially supported by VIF@TANUVAS to participate in the Regional Workshop on “Youth as torch bearers of Business Oriented Agriculture in South India” held at Prof. Jayashankar Telangana State Agricultural University (PJTSAU), Hyderabad on 21 & 22, October 2019. Dr. (Smt.) TAMILISAI SOUNДАРARAJAN, Honorable Governor of Telangana inaugurated the two-day workshop. R.Navarasam and S.VishnuPriya from CFDT, Koduvalli, S.Vigneswaran and S.Senthil Kumar Raj from VC&RI, Namakkal and A.Seetha and Mohammad Naseeruddin from MVC, Chennai participated in this workshop.



INDUCTION OF INCUBATEES INTO VIF@TANUVAS

◆ As recommended by the PS&RC, Veterinary Incubation Foundation (VIF) @ TANUVAS signed the incubatee agreements with two start-ups on 17th May, 2019 in the presence of Dr.C.Balachandran, Vice-Chancellor, TANUVAS. Dr.P.Tensingh Gnanaraj, Registrar, TANUVAS, Dr.T.J.Harikrishnan, Director of Research, TANUVAS and Dr.G.Dhinakar Raj, Project Coordinator, VIF@TANUVAS & Director, Centre for Animal Health Studies, TANUVAS were also present. M/s. Jeshron Biotech Solution Pvt. Ltd., Chennai intends to develop a Smart bandage for wound healing and nanobiopolymer-based meat packaging material. M/s. Illume Gene India LLP, Bengaluru will work on NGS based genome testing services and developing PCR based kits to identify animal diseases.

◆ As recommended by PS&RC, an incubatee agreement was signed with Scada Geoinformatics Private Limited on 6th August, 2019. Dr.C.Balachandran, VC, TANUVAS, & Chairman, Advisory Board, VIF@TANUVAS exchanged the MoU with Mr. Bhaskar Krishnamurthy, CEO, Scada Geoinformatics Pvt. Ltd., in the presence of Dr.P.Tensingh Gnanaraj, Registrar, Dr.J.JohnKirubaharan, Dean, MVC, Chennai, Dr.G.Sarathchandra, Dean, FBS, MVC, Chennai and Dr.G.Dhinakar Raj, Director, CAHS, TANUVAS.

◆ Three more startups with innovative ideas were inducted on 13th January, 2020 in the presence of Dr.C.Balachandran, Vice-Chancellor, TANUVAS. Dr.P.Tensingh Gnanaraj, Registrar, TANUVAS, Dr. Cecilia Joseph, Director of Research, TANUVAS and Dr.G.Dhinakar Raj, Project Coordinator, VIF@TANUVAS & Director, Centre for Animal Health Studies, TANUVAS participated in the induction program. The three startups inducted were M/s.Ariviya Technologies Pvt. Ltd., M/s.TranScience Innovative Technologies and M/s. Dvara E-Dairy Solutions Pvt. Ltd., Chennai.



M/s. Illume Gene India LLP, Bengaluru



M/s. Jeshron Biotech Solution Pvt. Ltd., Chennai



M/s. Scada Geoinformatics Pvt. Ltd., Chennai



M/s. Ariviya Technologies Pvt. Ltd., Thanjavur



M/s. Dvara E-Dairy Solutions Pvt. Ltd., Chennai



M/s. TranScience Innovative Technologies, Chennai

SERVICES LAUNCHED UNDER THE FINANCIAL SUPPORT OF VIF@TANUVAS**Launch of Bio-Freezer program at VIF@TANUVAS**

VIF@TANUVAS is supporting a unique program named as 'Bio-Freezer program' of Illume Gene India LLP, an incubatee of VIF@TANUVAS. Under this program, a freezer has been



housed at VIF@TANUVAS in which chemicals, enzymes, antibodies, molecular reagents and kits are stocked. Faculty / Researchers and incubatees can avail this service to procure the consumables whenever required. The advantage of this program is to make sure the consumables are always available within reach and the research activities do not suffer any delays. Dr.C.Balachandran, VC, TANUVAS, & Chairman, Advisory Board, VIF@TANUVAS inaugurated this service on 18th October, 2019. Dr.P.Tensingh Gnanaraj, Registrar, Dr.Cecilia Joseph, Director of Research, Dr.G.Dhinakar Raj, Director, CAHS, TANUVAS and Mr.M.Venkatesan, M/s Illume Gene India LLP were present.

VIF@TANUVAS launches doorstep diagnostic service

VIF@TANUVAS and TRPVV along with an incubatee of VIF@TANUVAS, M/s. Illume Gene India LLP has joined hands to provide doorstep diagnostic service for detection of haemoprotozoan parasites in canines, for the first time in India. Under this initiative, blood samples will be collected from the doorsteps of private veterinary practitioners and test results using PCR will be provided within a turnaround time of 24 hours. TRPVV will provide the necessary technical expertise and laboratory facility to the incubatee to perform the tests. Using this diagnostic model, it is hoped that the reach of this technology can be increased and many pets can be saved through early and specific diagnosis. The Vice-Chancellor, TANUVAS exchanged the diagnostic service model arrangement with Mr.M.Venkatesan, M/s. Illume Gene India LLP on 18th October, 2019. The Registrar, Director of Research and Director, CAHS, TANUVAS were present.



MEETINGS**Annual General Meeting of VIF@TANUVAS**

First Annual General Meeting (AGM) of VIF @ TANUVAS was held on 24th December, 2019 in the conference hall of VIF@TANUVAS, Ground floor, CUL building. Dr.G.Dhinakar Raj, Project Coordinator, VIF@TANUVAS welcomed the Board of Directors and briefed about the activities at VIF@TANUVAS. Mrs.R.Shajeevana, Additional Director, EDII, Chennai reviewed the progress made in the past one year. The Board also approved the annual financial accounts of VIF@TANUVAS for the year 2018-19. The Board members: Dr.P.Tensingh Gnanaraj, Registrar, TANUVAS, Dr.T.J.Harikrishnan, Prof. & Head (Retd.), Central University Laboratory, TANUVAS, Dr.K.Kumanan, Prof. (Retd.) Madras Veterinary College, Chennai, Dr.V.RameshSaravanakumar, Prof. & Head, LPM, VCRI, Tirunelveli and Mr.S.Kannan, Senior Manager (Retd.), National Institute of Immunology, New Delhi were present.

**Third meeting of PS&RC meeting**

Third Project Screening and Review Committee meeting was held on 19th July, 2019, chaired by Dr.C.Balachandran, VC, TANUVAS, & Chairman, Advisory Board, VIF@TANUVAS. Mr. B. Monikandan, Deputy Director, EDII, Chennai, Dr.G.Dhinakar Raj, Director, CAHS, TANUVAS and Dr.T.J.Harikrishnan, Prof. & Head, CUL, TANUVAS were present. Mr. Bhaskar Krishnamurthy, CEO, ScadaGeoinformatics Pvt Ltd presented his innovative idea on IoT in animal health management. The committee has recommended induction of ScadaGeoinformatics into VIF@TANUVAS.

**Fourth meeting of PS&RC meeting**

The fourth meeting of PS&RC held on 18th October, 2019 was chaired by Dr.C.Balachandran, Vice-Chancellor, TANUVAS & Chairman, Advisory Board, VIF@TANUVAS. Dr.P.Tensingh Gnanaraj, Registrar, Dr.G.Dhinakar Raj, Director, CAHS, TANUVAS, Dr.T.J.Harikrishnan, Prof. & Head, CUL, TANUVAS were present. Mr. M. Venkatesan, M/s Praani Plus, Bangalore presented his innovative idea to the PS&RC and the committee recommended for induction of the startup. An incubatee agreement was signed and exchanged with the startup. The startup is intending to develop app for providing pet care services.



VIF@TANUVAS signed tripartite agreement with EDII for IVP

Two of our incubatees, M/s Chimertech Innovations LLP, Vellore and M/s Jeshron Biotech Solutions Pvt. Ltd., Chennai have got the grant-in-aid (Voucher-A for 2 lakhs each) under the Innovation Voucher Program (IVP) of the State govt. for the development of prototypes. In connection with this, VIF@TANUVAS signed the tripartite agreement with EDII and the incubatee on 24th Jan, 2020 for acting as knowledge partner for the concerned prototype development.

ENTREPRENEURSHIP OPPORTUNITIES FOR TANUVAS STUDENTS AT VIF@TANUVAS

Student - Incubatee Linkage (SIL)

To promote startup up culture among TANUVAS students, VIF@TANUVAS has taken many initiatives. One of those initiatives is Student - Incubatee Linkage (SIL). Under which students will be linked to the incubatees of VIF@TANUVAS for mutual benefits.

Benefits of SIL for students

1. Great opportunity for students to understand about entrepreneurship ecosystem
2. This could serve as a pre-entrepreneurial training to learn marketing, financial aspects of a startup, etc.
3. First hand intensive knowledge about working with industry
4. Incubatees are also ready to pay nominal incentives for students' contribution

Please contact Director, CAHS, TANUVAS through Deans of their respective colleges

Vetpreneurship Grant Opportunity (WeGrow)

Students from constituent colleges of Tamil Nadu Veterinary and Animal Sciences University can submit their ideas briefly indicating the problem statement, their innovative solution along with its impact in one page to VIF@TANUVAS through Deans of their colleges. Ideas would be evaluated by expert committee and innovative & feasible ideas addressing priority problems would be chosen for cash prizes.

Six cash prizes for best ideas will also be given for selected ideas. The chosen students would be allowed to implement his/her ideas at VIF@TANUVAS

Other benefits for selected ideas:

1. Mentoring by technical experts & office space at free of cost.
2. Instrument usage charges at 50% less price.
3. Perform the diagnostic / clinical service using the lab facilities on a agreed price.

Please visit the website for more details

VIF @ TANUVAS organized a one-day workshop for students

VIF @ TANUVAS organized a one-day workshop on "Vetpreneurship Opportunities for Students at VIF @ TANUVAS" on 19th July, 2019. Twenty nine students from VCRI, Namakkal; VCRI, Tirunelveli; CPPM, Hosur and MVC, Chennai attended the workshop. Students were primed on initiating a startup and funding opportunities. Mr.B.Monikandan, Deputy Director, EDII, Chennai highlighted about the funding support given by EDII to entrepre-



Vetpreneurship Grant Opportunity (WeGrow)

VIF@TANUVAS invited innovative ideas from students to solve existing problems in animal sciences sector. Ten students from the constituent colleges of TANUVAS presented their innovative ideas under WeGrow on 19th July, 2019. Four ideas were chosen for the cash awards under WeGrow. Dr.C.Balachandran, Vice-Chancellor, TANUVAS presented the certificates to the prize winners.



1st Prize
G.Vignesh,
CPPM, Hosur



2nd prize
S.Preethi, S.Aishwarya,
R.Premchand, M.E.Saran
from VCRI, Namakkal



3rd Prize -
S.Vigneshwaran VCRI,
Namakkal



4th Prize -
R.Chakravarthi,
S.Alimudeen,
R.AjayLakshman from
MVC, Chennai

TALKS/VISITS



Dr.G.Dhinakar Raj gave a talk on Entrepreneurship at VCRI, Tirunelveli on 26.08.2019



NABARD, Madurai Team visited VIF@TANUVAS on 01.10.2019



DBT-BIRAC Expert Team visited VIF@TANUVAS on 10.10.2019



Mr.M.R.Jaggannathan, Deputy Director, EDII gave a talk on IVP at MVC, Chennai on 21.11.2019



Tour program arranged for Incubatees to visit other Incubators in Chennai on 19.12.2019



Dr.RenuSwarup, Secretary, DBT visited VIF@TANUVAS on 04.03.2020



Dr.G.Dhinakar Raj gave a talk on Vetpreneurship for students from VCRI, Namakkal on 12.03.2020



Dr.P.Selvarajan, Addl. Director, EDII visited VIF@TANUVAS on 19.03.2020

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