

Proceedings of One Day Seminar entitled “Celebrating successful landing of Chandrayan-III in the south pole of the moon” organized by Institutional Innovation Council, Directorate of HRM, LUVAS, Hisar on 08.09.2023

Inaugural Session: The dignitaries were offered floral welcome by the IIC members. Dr. S. S. Dhaka, Chairman, IIC-cum-Director, HRM and Registrar, LUVAS formally welcomed the dignitaries and apprised the house about the objectives and establishment of Institutional Innovation Council at the Directorate of HRM, LUVAS, Hisar. Dr. Dhaka made everyone aware with the role of IIC in honing the skills, innovative brilliance and entrepreneurship abilities of the students as well as the faculty. Dr. Vinod Kumar Verma, Vice-Chancellor, Lala Lajpat Rai University of Veterinary and Animal Sciences, Hisar graced the occasion as the Chief guest; whereas, Dr. Naresh Jindal, Director of Research (LUVAS) was the Guest of Honor. A total of 68 faculty members and 39 students (MVSc; Ph.D.; BVSc & AH) participated in the one-day Seminar.

Technical Session: The faculty members/ PG Students having IPRs in their names, while working at LUVAS, were felicitated in this event by honorable Vice Chancellor. A technical session was conducted in which the patentees talked about their inventions and its utility for farmers and animal owners in the modern world.

Dr. Gera, Ex HOD Dept of VPB, Ex Director IPVS and Ex Dean LUVAS suggested that constant scientific endeavor, sound statistical knowledge and scientific data preservation are the key factors to be kept in mind when aiming for patent filing.

Dr. Anirban emphasized that excellent faculty at LUVAS and a wonderful library were very helpful for planning and execution of his experiments that ended up in patenting his discoveries. He emphasized that students should aim to get at least one patent out of his/her thesis.

Dr. Aman Kumar, Senior scientist, Dept of ABT, LUVAS shared his story of how he got involved in development of Primer and Probe Combination for Simultaneous Detection of Bovine Herpesvirus 1 (BOHV1), Brucella abortus and Pathogenic Leptospira spp. This discovery would be helpful in determining in one shot, whether the foetus would abort or not, which would save both time and money of farmers.

Dr. Trilok Nanda advised that rather than focusing on CAS (career advancement scheme) task and chores to complete marks for promotion, if one focuses on constant efforts in research, he may be able to achieve high research goals.

Dr. Vishal Sharma walked the audience through his journey of obtaining patent for a Dietary Supplement Composition for Turkey Broilers. He emphasized that it was not an easy task and took 7-8 long years until the final patent as granted.

Dr. Pankaj Kumar described his experiments and hurdles and his trouble shooting efforts to finally own a patent named as “A Kit and process for the diagnosis of Hemorrhagic Septicemia”.

Farmer's Snake and Ladder - Strategies was discussed by Dr. Jyoti, and she explained its relevance and popularity in managing farmers queries. She also described that how they realized that it was an innovative achievement and they must obtain a copyright.

Dr. Gulshan Narang, Dean COVS, described the development and commercialization of his urea detection kit in milk, and suggested that the patents should be further taken to another level of commercialization, as and when possible. Dr. Naresh Jindal, DR, LUVAS and Dean CODST, advised that the research must be focused and problem oriented. He said that the lack of awareness about our own innovations, and how to file and get the technology patented, is a major obstacle, and one must work to overcome it.

Recommendations: The session entitled ‘Inspirational talks by the Patent/ Copyright holders of LUVAS’ was chaired by Dr. Gulshan Narang (Dean, COVS) and Co-Chaired by Dr. N. K. Kakker, Prof. Microbiology. Dr. Aman Moudgil (Convener IIC, LUVAS) and Dr. Shalini Sharma served as Rapporteurs for the session. Dr. Gaurav Gupta, Convener of the Seminar proposed the vote of thanks.

The following recommendations emerged from the discussions during the Seminar:

1. On the lines of the scientists of ISRO, who had achieved the unprecedented feat of successful landing of Chandrayan-II on the south pole of the moon, every researcher should bow to work hard and it is the ripe time to think out of the box to create/ innovate and achieve something new for the welfare of the mankind.
2. Researchers should always keep in mind the difference between ‘Smart work’ and ‘Hard work’. There is no substitution to hard work; hence, they should work hard with amalgamation of smartness into it. Only then, they would be able to achieve newer heights within short time.
3. Researchers/ scientists and faculty members should explore every research field for the novelty, which could eventually be dedicated for the advantage of the profession.
4. Young minds are the powerhouses to generate something new and different. So, every mentor should look for and incorporate something new in the research objectives of the post graduate students.
5. Research schemes running in the institutions should be employed for the development of technology or innovation.
6. Scientists and researchers should garner the externally funded projects with the innovative ideas.
7. Team work and inter-institutional collaborations could act as perfect trouble-shooters for a number of professional problems. Innovation could only take a shape if we think collectively in a particular direction.
8. Always thrive for the best and devote your energy and time for the enhancement of science as well as welfare of mankind.

9. Dedication, commitment, hard work and discipline are the keys for success. Every researcher should dedicate his energy and time just like ISRO scientists to turn impossible to possible.