

“Follow real scientists as role models”: Dr. Shivaji Jadhav

Report on the Invited Talk by Dr. Shivaji Jadhav organized by the Science Association of KSCD on 3rd July 2023 in the Z1 Hall of KSCD from 11:30 AM to 2:00 PM

An invited talk entitled **“Scientific scope and career opportunities in the area of infectious disease and molecular science”** by Dr. Shivaji Jadhav, an internationally renowned scientist in the field of molecular biology was organized by the Science Association of Karnatak Science College, Dharwad (KSCD) in the Z1 lecture hall of KSCD on 3rd July 2023. During his power point presentation, Dr. Jadhav explained in detail about the developments leading to his achievements in the field of molecular biology, and asked the students to follow real scientists like Dr. C. N. R. Rao as role models, in order to achieve success. He also asked the students to keep their eyes open for opportunities to do scientific research, and also told them to be technically competent to gain an edge in the competition to get employment.



Picture 1. Scientist Dr. Shivaji Jadhav was felicitated by Principal Dr. J. L. Kalyan and other dignitaries on the occasion of his "Invited Talk" organized by the Science Association of KSCD

Earlier, the program started with a welcome song by a student Mr. Bheemesh, followed by a group song (Vishwa-Vinuthana) by students of KSCD led by Ms Tejaswini Devaramani. Prof. Blaise Lobo, Chairman of Science Association of KSCD welcomed the dignitaries and the gathering, while the Chairperson of Zoology Study Circle, Dr. (Smt.) R. D. Sanakal introduced the resource person Dr. Shivaji Jadhav. Professor J. L. Kalyan, Principal of KSCD felicitated Dr. Jadhav, whereas the Vice-President of KSCD Gymkhana, Dr. (Smt.) M. S. Salunke delivered the Presidential remarks, while student Ms. Gauri Koneri delivered the Vote of Thanks. Students Ms. Soumya and Mr. Bharat Palled were the lead anchors, and the student secretaries of Science Association, Ms. Kavya Rathod and Mr. Manoj R. P were present on the dais. A large number of students were present in the audience, along with the guests, faculty members, members of the press and administrative (non-teaching) staff members.



Picture 2. A photograph taken during the Invited Talk by Dr. Shivaji Jadhav (Science Association program at KSCD on 3-7-2023) The HODs and Co-ordinators of the different departments of KSCD, namely, Prof. S. D. Dhumwad, Prof. K. Kotresha, Shri. M. R. Ranganath, Dr. Kummur, senior faculty members Shri. Ainapur, Prof. Doris Singh, Prof. Motebennur, Prof. M. N. Megeri, Dr. (Smt.) Saraswati Masti (the Student Welfare Officer), the Physical Director Shri D. B. Govindappa, and teaching assistants from various departments and the

Zoology museum curator Shri. Naveen Pyatimani attended the program. The chairpersons of different study circles, including Professor Kiran P Kolkar (Botany), Professor (Smt.) V. B. Saviramath (Geography), Dr. (Smt.) R. D. Sanakal (Zoology), Dr. (Smt.) Nirupama J. M (Physics), Dr. Rajesh Kalkhambkar (Chemistry), Lt. Rajshekhar Baraker (Computer Science) and Shri. Ramdas W (Forensic Science) and the corresponding student secretaries were present, and actively involved in organizing the program along with other student volunteers. Ex- Principal of KSCD Dr. (Smt.) A. S. Bellad, and another retired faculty member from the Department of Zoology KSCD, Dr. (Smt.) M. S. Nayak also graced the occasion along with a few school teachers of Dr. Shivaji Jadhav, as the program coincided with Guru Poornima. It is to be noted that Dr. Shivaji Jadhav is an alumnus of KSCD, and all staff members are proud of his achievements and the international awards obtained by him.



Figure 3. Chairperson of Botany study circle, Prof. Kiran P Kolkar welcoming Dr. Shivaji Jadhav with a bouquet of flowers during a function leading to the invited talk by the resource person (Dr. Shivaji Jadhav). Prof. Blaise Lobo, Chairman of Science Association can be seen in the background.



Figure 4. An invited talk entitled “Scientific scope and career opportunities in the area of infectious disease and molecular science” was delivered by Dr. Shivaji Jadhav, an internationally renowned scientist in the field of molecular biology, in the Z1 hall of Karnatak Science College, Dharwad on 3rd July 2023.

Brief biodata about Dr. Shivaji Jadhav:

Dr. Shivaji Jadhav has carried out molecular Virology research at National Institute for Research in Reproductive Health [NIRRH] a premier Indian Council of Medical Research, (ICMR) Institute in Mumbai. His areas of interest include Molecular Diagnostics Virology, Molecular Biology, and Immunology. Dr Shivaji is currently working as Head of Molecular Virology Laboratory at Bangalore. Before joining Orange Health, he was working @ SRL Fortis Hospital Bangalore as Head of Infectious Disease Laboratory. He has also worked at Sandor Life Sciences as Co-Head of Infectious Disease, He has also worked as Senior Scientist C at National Institute of Malaria Research (NIMR) Indian Council of Medical Research (ICMR), Goa on project “Malaria Evolution in South Asia” funded by National Institute of Health and International Centre of Excellence for Malaria Research, (ICEMR) National Institute of Allergy and Infectious diseases (NIAID), USA. He has worked with team of scientists at NIMR on Vectors, infection rate, vector competency and host Pathogen interaction in malaria. He has been awarded with

Prestigious Fogarty International HIV/AIDS Training and Research Fellowship programme from National Institute of Health, USA, He has been trained in Advance Molecular Virology techniques, HIV drug resistance, True gene Sequencing Mucosal transmission of HIV, Genetic compartmentalization and diversity in viral populations at Boston School of Medicine and Harvard Medical School, Boston, USA. He was mentored under the guidance of Dr Deborah Anderson and Dr Manish Sagar. He has total twenty years of experience in the area of Molecular Diagnostics, Virology and Infectious Diseases; He has been awarded with several International young Scientist Awards, Global Health and International Travel grants and Scholarships. His recent international awards include Global Health Infectious Disease scientist Award (Volkswagen Foundation) for the upcoming meeting on New Frontiers in Reconstructing Human Evolution History, May 29 - Jun 1, 2023, in Herrenhausen Palace in Hannover, Germany. He has also been decorated with the International Scholarship Award: HIV Cascade of Care: Closing the Gap, Asian Stigma & Discrimination Forum 2023 and APACC 2023, which was held in Singapore from 7th to 11 June 2023. He has also obtained the IAS - Towards an HIV Cure programme full scholarship to participate and present his research work at the HIV Cure & Immunotherapy Forum and IAS 2023 – the 12th IAS Conference on HIV Science, both taking place in Brisbane, Australia, from 22 to 26 July 2023. This prestigious award is funded by International AIDS Society, Switzerland.