

Celebration of National Science Day 2016

In commemoration of the discovery of Raman Effect by Sir C. V. Raman the National Science Day was celebrated in Shri Shivaji Science College, Amravati on 27/02/2016.

On this occasion Prof. Dr. M. K. Rai from P. G. Department of Biotechnology, Sant Gadge Baba Amravati University, Amravati was the chief guest while Principal Dr. V. G. Thakare chaired the inaugural function. Prof. L. N. Gawande and Dr. S. D. Patil were also present on the day.

Professor M. K. Rai while addressing the college students gave in-depth inaugural speech explaining the importance of nanotechnology in human life. The material responsible for wall lizard to stick on smooth surfaces of walls is a nanomaterial and such nanomaterial is now used to produce “Gecko Tape” which is much more powerful than ordinary “Tixo Tape” in adhesive property.

Now a days zinc oxide nanomaterials are widely used in sunscreen lotion moisturizers, antiaging and other products to take care of our health as life is precious. The Bhasmas like swarna (Gold) bhasma, rajat (Silver) bhasma, tamra (Copper) bhasma used in Ayurveda also contain nanomaterials. Similarly, homeopathy, the true green medicine also contain nanoparticles.

Silver nanoparticles have been studied in detail and shown to possess inhibitory effects on disease producing bacteria, fungi, viruses, protozoan's and arthropods. Such silver particles are the new generation antimicrobials as the pathogens are becoming resistant to different antibiotic drugs.

Professor Rai also discussed the issues of feeding the global population which already surpassed 07 billion in 2011 and it is expected to increase to 9.1 billion by 2050. In this situation nanotechnology is the hope for solving the problems through nano food and nano based products like nano-pesticides, nano- fertilizers and nano- fungicides.

Dr. S. D. Patil, Head of the department of Microbiology and the convener of the NSD celebrations delivered an introductory speech and explained the objectives of celebrating National Science Day. NSD is celebrated every year to spread a message about importance of scientific applications in daily life, to display scientific activities for human welfare, to implement new technology for development of the science, to give an opportunity to scientific

minded citizens and to popularize the science and technology. The main theme of NSD -2016 was “Make in India”.

In his address the chairman of the function Dr. V. G.Thakare delivered presidential speech. Principal Dr. V. G. Thakare talked about the theme of this year’s National Science Day and elaborated on the need to spread the awareness of Science among the masses. He also informed that Shri Shivaji Science College is one of the leading college in Amravati and Rajiv Gandhi Science and technology commission, Government of Maharashtra sanctioned 2.5 crore to this college for starting Science center in College premises.

Dr. Anjali Bodade introduced the chief-guest. The programme was conducted by Ms. Gargi Chaudhari while Ms. Vidnyani Hatwar proposed vote of thanks. Miss Pranita Wakode presented welcome song while Ms Diksha Pawar presented a power point presentation on the life of Prof. C V Raman. All the members of the teaching staff and the students were present on this occasion. For the success of this programme Members of Nature and Science Club Prof. U. M. Patil, Prof B. K. Dorkar, Dr. A.W. Asole, Prof. P. D. Lade, Dr. D. V. Hande, Dr. Anjali Bodade, Prof Kirti Gawai, took efforts.

.....Dr. S. D. Patil Convener, NSD-2016