

DST INSPIRE Science Internship Camp (6th – 10th October 2015)

The 9th DST INSPIRE Science Internship Camp came to an end on 10th October 2015. The



five day programme had participation of around 300 students from 24 different schools and colleges of Odisha. The sessions were taken by top scientists and academicians from many top institutes of the country. Participating candidates were enlightened by the prominent luminaries on various fields of science and were also exposed to various lab activities conducted and supervised by different clubs of the institution.



The participating students showcased their talent not only in academics but also in cultural events. To keep their competitive spirit high the college conducted competitions like Debate, Essay, and Quiz. Apart from these, the students also proved their mettle in sports



events like Yoga, Basket Ball, Table Tennis, and Swimming. On the last day, a very similar PISA Test was even conducted. The winners were awarded at the Valedictory Function marking the grand finale of the Science Camp.



The details of Lectures are as follows:

	Mentor Name	Subject	Title of Talk
1	Prof. Asoka K. Das Vice Chancellor, Utkal University	Physical Science	Fire and the Genesis of Quest for Sustainable Energy Source on Earth
2	Dr. D. P. Duari Director, Research & Academic, M. P. Birla Institute of Fundamental Research, Kolkata	Astrophysics	Talk1: Astronomy and Astrophysics concepts and Challenges Talk2: Outside of the Solar System
3	Dr. Prem Chand Pandey Emeritus Professor, IIT, Bhubaneswar Shanti Swarup Bhatnagar Awardee in Earth Sciences, 1989	Earth, Ocean and Climate Sciences	Discovering the Polar Regions
4	Dr. Amitabha Mukhopadhyay Sr. Scientist, NII, New Delhi Shanti Swarup Bhatnagar Awardee in Biological Sciences, 2002	Biological Sciences	Molecular mechanisms of how intracellular pathogens modulate their trafficking pathways in host cells
5	Prof. Nibir Mandal Jadavpur University, Kolkata Shanti Swarup Bhatnagar Awardee in Earth Sciences, 2005	Geological Sciences/ Earth Science	Mountain building-As we see it in experiments
6	Prof. Krishnendu Mukhopadhyaya Professor, Indian Statistical Institute, Kolkata	Statistics and Computer Science	Application of Graph Theory
7	Prof. Suman Chakraborty IIT, Kharagpur Shanti Swarup Bhatnagar Awardee in Engineering Science, 2013	Fluid Mechanics	Power Plant-on-a-Chip
8	Prof. S. P. Pati Visiting Professor, NIST, Berhampur Former Professor of Physics, Sambalpur University	Electronics Materials and Devices	Journey of Physics and its Advancement from Yesterday To Today
9	Prof. V. Chandrasekhar Director, NISER, Bhubaneswar Shanti Swarup Bhatnagar Awardee in Chemical Sciences, 2003	Chemistry	Lord of the Rings: The Rise of Carbon
10	Prof. Sanjeev Galande IISER, Pune Shanti Swarup Bhatnagar Awardee in Biological Sciences, 2010	Biological Sciences	Chromatin biology and Epigenetics
11	Dr. C. Malla Reddy IISER Kolkata	Chemistry	Designing Mechanical Behaviour of Functional Organic Crystals