

## DST-INSPIRE SCIENCE CAMP 2016

Day 1: Monday, 27th June 2016	
Venue: MPH, National Institute of Technology, Sikkim	
9:30 am – 10:30 am	Registration
10:30 am – 11:00 am	Inauguration
11:00 am - 11:30 pm	Tea
11:30 am – 12:30 pm	"MATHEMATICAL HISTORY OF INFORMATION SECURITY" by Prof. Shefalika Ghosh Samaddar, National Institute of Technology, Sikkim
12:30 pm – 2:00 pm	Lunch
2:00 pm – 3:00 pm	"WHAT IS THE NUMBER OF DISTINCT REAL ROOTS OF A CUBIC EQUATION?" by Prof. Sumitra Purkayastha, Indian Statistical Institute, Kolkata
3:00 pm – 4:00 pm	"WHAT ARE THE INTEGER RIGHT TRIANGLES?" by Prof. Sumitra Purkayastha, Indian Statistical Institute, Kolkata
4:00 pm – 4:30pm	Interaction with mentors
4:30 pm – 5:00 pm	Tea and Snacks
5:00 pm - 6:00 pm	Scientific documentary
6:00 pm- 7:00 pm	COSMOS- A SPACE TIME ODESSEY
Day 2: Tuesday, 28th June 2016	
Venue: MPH, National Institute of Technology, Sikkim	
9:30 am – 10:30 am	"A SAUNTERING AROUND THE NUMBER GARDEN" by Prof. Kalyan Chakraborty, Harish-Chandra Research Institute, Allahabad
10:30 am – 11:00 am	
11:00 am - 11:30 pm	Tea
11:30 am – 12:30 pm	A Talk by Prof. Ujjwal Sen, HRI Allahabad
12:30 pm – 2:00 pm	Lunch
2:00 pm – 3:00 pm	"A PLASTIC STORY: HISTORY REPEATS" by Prof. Suhrit Ghosh, Indian Association for the Cultivation of Science, Kolkata
3:00 pm – 4:00 pm	DRIVE AND CURIOSITY FUEL THE PASSION FOR SCIENCE" by Prof. Siddharta Shankar Jana, Indian Association for the Cultivation of Science, Kolkata
4:00 pm – 4:30pm	Interaction with mentors
4:30 pm – 5:00 pm	Tea and Snacks
5:00 pm - 6:00 pm	Debate
Venue: Badminton Court, Academic Building, NIT Sikkim	
6:00 pm- 7:00 pm	Badminton Knock out Round
Day 3: Wednesday, 29th June 2016	
Venue: MPH, National Institute of Technology, Sikkim	
9:30 am – 10:30 am	"CROWN JEWEL OF GENETICISTS- DROSOPHILA MELANOGASTER" by Prof. Pralay Majumder, Presidency University
10:30 am – 11:00 am	
11:00 am - 11:30 pm	Tea
11:30 am – 12:30 pm	"CROWN JEWEL OF GENETICISTS- DROSOPHILA MELANOGASTER" (Continuation) by Prof. Pralay Majumder, Presidency University
12:30 pm – 2:00 pm	Lunch
2:00 pm – 3:00 pm	"THE STORY ABOUT FAT" by Prof. Sumit Saha, National Institute of Technology, Sikkim
3:00 pm – 4:00 pm	
4:00 pm – 4:30pm	Interaction with mentors
4:30 pm – 5:00 pm	Tea and Snacks
5:00 pm - 6:00 pm	Quiz Competition
Venue: Badminton Court, Academic Building, NIT Sikkim	
6:00 pm- 7:00 pm	Badminton Final

<b>Day 4: Thursday, 30th June 2016</b>	
<b>Venue: MPH, National Institute of Technology, Sikkim</b>	
<b>9:30 am - 10:30 am</b>	<b>"THE PERIODIC TABLE "</b> by Prof. Susanta Lahiri, Saha Institute of Nuclear Physics, Kolkata
<b>10:30 am - 11:00 am</b>	
<b>11:00 am - 11:30 pm</b>	Tea
<b>11:30 am - 12:30 pm</b>	<b>"SUSTAINABILITY, SCIENCE &amp; TECHNOLOGY AND ANCIENT INDIAN KNOWLEDGE BASE"</b> by Prof. Arun Baran Samaddar, National Institute of Technology, Sikkim (tentative)
<b>12:30 pm - 2:00 pm</b>	Lunch
<b>2:00 pm - 3:00 pm</b>	<b>"RADIUM TO RADIUM - A HUNDRED YEARS or LUNAR CRATER, ITALIAN NAVIGATOR, TURTLE AND THE ACTINIDE CHEMISTRY or STORY OF TRIANGULAR AFFAIR: PHYSICS-NEUTRINO-CHEMISTRY "</b> by Prof. Susanta Lahiri, Saha Institute of Nuclear Physics, Kolkata
<b>3:00 pm - 4:00 pm</b>	<b>"THE QUEST FOR ELEMENTARY PARTICLES: FROM ATOMS TO THE HIGGS BOSON"</b> by Prof. Amitava Datta, University of Calcutta, Kolkata
<b>4:00 pm - 4:30pm</b>	Interaction with mentors
<b>4:30 pm - 5:00 pm</b>	Tea and Snacks
<b>5:00 pm - 6:00 pm</b>	Cultural Programme
<b>6:00 pm- 7:00 pm</b>	
<b>Day 5: Friday, 1st July 2016</b>	
<b>Venue: MPH, National Institute of Technology, Sikkim</b>	
<b>9:30 am - 10:30 am</b>	<b>"THE QUEST FOR ELEMENTARY PARTICLES: FROM ATOMS TO THE HIGGS BOSON"</b> by Prof. Amitava Datta, University of Calcutta, Kolkata (Continuation)
<b>10:30 am - 11:00 am</b>	
<b>11:00 am - 11:30 pm</b>	Tea
<b>11:30 am - 12:30 pm</b>	A Talk by Prof. Indranil Manna, IIT Kanpur (tentative)
<b>12:30 pm - 2:00 pm</b>	Lunch
<b>2:00 pm - 3:00 pm</b>	Valedictory session and certificate distribution