



Sir P. T. Science College, Modasa

Managed By: The M. L. Gandhi Higher Education Society, Modasa
District Aravalli

'B⁺⁺' Grade accredited (with CGPA 2.79) by NAAC Second cycle; 'A' Grade accredited (with CGPA 3.05) by AAA-KCG, GOG

Incubation Centre, Student Startup and innovation Policy (SSIP),

Community Science Centre, Aravalli

Recognized by Gujarat Council on Science and Technology (GUJCOST)

Indian Association of Physics Teachers – RC 7 Gujarat

Jointly Organized

State Level Competition on

Innovative Science Demonstration for Teachers and Science Communicators

(Sponsored by SSIP, GUJCOST, IAPT RC-7); October 22, 2019

Report

Programme title:- *State Level Competition on innovative Science Demonstrations for Teachers and Science Communicators*

Date: October 22, 2019

Venue: Sir P. T. Science College, Modasa (Dist. Aravalli) Gujarat

No. of participants- 65 Science Teachers, 20 Science Communicators

Resource Persons:- Dr. Divyang Gandhi, Principal Govt. Science College, Patadi;

Dr. Sanjay Kansara, Science College, Kalol;

Shri Harshal Sanghavi (Ahmedabad)

Experiment is the heart of science education, and hence an idea of offering a test of experimental Demonstration skills of secondary teachers was mooted by IAPT RC-7, and it was picked up very well by Sir P. T. Science College Modasa in north-east Gujarat. The College organized a 'State Level Competition on Innovative Science Demonstration for Science Teachers and Science Communicators' Jointly with Modasa Incubation Centre, Student Startup and innovation Policy (SSIP), IAPT RC-7 and Community Science Centre, Dist. Aravalli recognized by Gujarat Council on Science and Technology, Govt. of Gujarat.

After scrutinizing over 50 entries received, selected 12 Science Teachers and Science Communicators (of Community Science Centres) from all over Gujarat were invited for the innovative experimental skill test competition. The programme was inaugurated with lightening a lamp, but through a simple experiment. In first session Shri Harshal Sanghavi (SSIP Expert) introduced the state policy SSIP and innovation in science education with Intellectual Property Rights (IPR). The second and third sessions were devoted to the main competition, wherein the participants performed innovative Science Experiments and demos. Evaluators Dr. Divyang Gandhi (Chemistry), Dr. Sanjay Kansara (Physics) and Shri Harshal Sanghavi evaluated in detail the performance of the competitors. In the Science Teachers Category, the First Prize went to Hitendrasingh Gohil of Lathi village Dist. Amreli (*Study of various magnetic fields*) who has won several prizes earlier too, the second Prize was bagged by yet another enthusiastic teacher Mehulkumar A. Patel of Gandhinagar (*Multi-purpose kit for light experiments*) and Third Prize went to Rameshbhai Prajapati of village Bhiloda (*Tyndall Effect*). In the Science Communicator Category: First Prize Anjanaben Dave,

Second Prize Chandanben Patel and Third Prize Gautam Limbachiya. Shri NavinchandraModi President M L Gandhi Higher Education Society,Modasa, Shri Mahendrabhai Shah Vice president, Shri Surendrabhai Shah Secretary were guests of honour in the prize distribution function.Professor K N Joshipura, General Secretary IAPT, Professor Rajshree Jotania SecretaryRC-7, Dr. Narottam Sahoo Advisor GUJCOST (DST GUJARAT),Dr. K. P. Patel, Principal Sir P T Science college, Dr. Sanjay Vediya SSIP Coordinator provided motivation and valuable guidance. In vote of thanks Prof. Girish Vekaria Convener of the event conveyed special thanks to SSIP SPTSC, IAPT RC-7 and GUJCOST for their generous cooperation.

- Girish L. Vekaria, Modasa (Gujarat)

Glimpses of the Competition

