



## GOLDEN MILESTONE OF IAPT INNOVATION HUBS IN INDIA

The journey of Innovation Hub as Science Gallery with the theme: Play Enjoy and Learn, through the innovative experimental models has started from Jaipur to HMV College Jalandhar, Punjab, in April 2018, initiated by Dr. Minakshi Siyal. In last five years, the IAPT RC-6 has taken it up to design developed and installed in over 60 institutions across INDIA.

The concept of science through experimental demonstration has been a legacy of late Prof. B L Saraf and Prof. D P Khandelwal pioneer builder of the IAPT, since 1984 and even the leading Centre for Development of Physics Education at University of Rajasthan, Jaipur has been a key source of inspiration and motivation.

	<h3>Innovation Hub</h3> <p>We have developed over 50 working models so far and any institution can chose any 5,10,20 or 30 models to be housed in a Hall, size 500-1000 sq. ft. A set of flexes of the fundamental discoveries and contributions of Indian scientists has been compiled and displayed.</p> <p>Handouts and literature has been developed on each models with operating instructions and parameters.</p> <p>All innovation hubs are personally installed, demonstrated and Training is provided to teachers for further use.</p>
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Prof. Y. K. Vijay, Director – Centre for Innovation in Science Teaching (CIST) IIS University Jaipur, has been Vice-Chancellor, Vivekananda Global University Jaipur, Professor, Department of Physics, Director, Centre for Development of Physics Education, and Director, Centre for Non-conventional Energy Resources at the University of Rajasthan, Jaipur, India. He received his M.Sc. degree in Physics and a PhD degree from the University of Rajasthan, Jaipur (India) in 1975 and 1980 respectively. He has spent one year at Uppsala University Sweden. Prof.

Vijay is a passionate science teacher who has led the development of many innovative working models for teaching and learning Physics through simple instruments as INNOVATION HUB. All the models of innovation hub are fabricated by Mr. K C Sharma, Retd. From CDPE.

**The List of Innovation Hubs installed at different institutions includes, Government and Private Schools, Colleges, universities, IISER, IEST and Science Museum and Adventure Parks.**

1. Vivekananda Global university Jaipur	38. Marwadi University, Rajkot, Gujarat
2. Hans Raj Mahila Maha Vidyalaya Jalandhar	39. Maharani College Jaipur
3. SV Public School Jaipur	40. Government Senior secondary school, Charatgarh HP
4. Rani Laxmibai Mahila Mahavidyalaya Parola Jalgaon	41. Government Senior secondary school, Basderah
5. Amity University Noida	42. IIIT Allahabad Prayagraj Uttar Pradesh
6. Govt. College Kota	43. Government Model Senior Secondary School, Amb HP
7. Kanya Mahavidyalaya Jalandhar	44. Government Model Senior Secondary School, Mubarikpur HP
8. Regional Institute of Education, Bhubaneswar	45. Government Model Senior Secondary School, Saloh, HP
9. Bajaj Science Centre Wardha	46. Government Senior Secondary School, Takoli, HP
10. GLA University Mathura	47. Government Senior Secondary School, Dhundala, HP
11. University of Kota, Kota	48. Government Senior Secondary School, Kangar, HP
12. IIS University Jaipur	49. Government Senior Secondary School, Pubwal, HP
13. Anaveshika Jaipur	50. Government Senior Secondary School, Samoor Kalan, HP
14. SS Jain Subodh College Jaipur	51. Government Senior Secondary School, Basal, HP
15. Amit University Jaipur	52. Government College, Dharmshala Himachal Pradesh
16. Pune University Pune	53. Indian Institute of Engineering Science and Technology, Shibpur, Kolkata WB
17. Scince Park Chandarpur	54. Inter University Accelerator Centre, New Delhi
18. Regional Institute of Educaation, Ajmer	55. JDB Government Girls College, Kota Rajasthan
19. Bansur PG College Bansur (Alwar)	56. Mahatma Gandhi Government Model School, NVD Balmandir, C –Scheme, Jaipur
20. Pryan Innovation Sanganer Jaipur	57. Eklavya Model Residential School, Kawant, Gujrat.
21. DAV Collge Bathinda	58. PM Shri Navodaya School, Khelri, JNV Dausa, Rajasthan
22. Amity University Raipur	59. PM Shri Navodaya School, JNV Patan, Rajasthan
23. Rawat Public School, Pratap Nagar Jaipur	60. Central University of Haryana, Mahendragarh, Haryana
24. Ben Hur Public School Pilibhit UP	
25. Adventure Park, New Kufri, Shimla	
26. Midnapore College, Midnapore, WB	
27. SD College Barnala Punjab	
28. Govt Model Sr Dec School, Thana Kalan HP	
29. DPS School, Rudrapur Uttrakhand	
30. Dr H N Regional Science Centre Hosur, Karnataka	
31. IIS School Sitapura Jaipur	
32. IISER Kolkata, West Bangal.	
33. Sri Vaishnav Vidyapeeth University Indore MP	
34. IPS Academy, Khandawa road, Indore Madhya Pradesh	
35. Mahrawal Government Sr. Sec. School, Dungarpur, Rajasthan	
36. Veer Bala Government Girls College, Dungarpur	
37. Guru Nanak Public School, Ballarsha, Maharashtra	