

Jawaharlal Nehru Planetarium

Bangalore

Tentative Schedule of the activities during 2016-17

I. Workshops for teachers and students:

Workshops are held for teachers and students in various science topics. With sessions on content enrichment and teaching methods, these workshops are aimed at enabling the teachers to teach science more effectively. Following workshops have been planned in the months from July to December 2016. Interested students and teachers may please register.

Sl. No.	Topic	Tentative Date	No. of participants	Registration Fee (Rs.) per head
1	Teachers' Meet for High School Teachers	June 25 th	100	Free
2	Activities to Teach Physics for High School Teachers	July 11 th to 12 th 10.30 am – 3.30 pm	30	500/-
3	Misconceptions and common Textbook Errors in Physics for High School Teachers	July 20 th 10.30 am – 3.30 pm	30	250/-
4	Probability – Mathematics for High School Teachers	July 28 th 10.30 am – 3.30 pm	30	250/-
5	Behaviour of Gases for High School Teachers	August 4 th 10.30 am – 3.30 pm	30	250/-
6	Photoelectric Effect and LASERS for High School Teachers	August 10 th	30	250/-
7	Teachers' Day Celebration	September 9 th 10.30 am – 1 pm	100	Free
8	Heredity for High School Teachers	September 15 th	30	250/-
9	Sun for High School Teachers	September 22 nd	30	250/-
10	Workshop for 6 th & 7 th Std. Students	October 5 th to 7 th 10.30 am – 12.30 pm	30	500/-
11	Children's Day Celebration - Special Workshop for 3 rd – 5 th Std. Students	November 20 th	30	250/-
12	Mathematics for High School Teachers	December 22 nd	30	250/-

II. Science in Action: (Science exhibition)

This is a science exhibition with experiments illustrating scientific principles.

Particulars	Date of the exhibition	
Science – in – Action	August 27 th – 29 th *	Experiments arranged by JN Planetarium *
	November 25 th – 27 th	Experiments arranged by schools

***Interested Schools may contact us to send volunteers to explain models.**

III. Year-Long Programmes:

Interactive sessions are conducted for high school students on Sundays throughout the year. The thrust here is on precise understanding of theoretical principles and applying the same to solve problems. This programme aims at laying a firm foundation and learning in a joyful manner.

Particulars	Date of commencement	Registration Fee (Rs.)
Weekend Classes for high school students on Force and Motion	July 3 rd Sundays at 10:30 am	500/-

Students must attend at least one session during July and pay thereafter, only if they wish to continue.

IV. Interaction with Scientific Officers:

Teachers desirous of discussing content/methodology of teaching science / mathematics with our Scientific Officers can do so with prior appointment during working days.

Jawaharlal Nehru Planetarium is happy to inform that a major up-gradation of the planetarium equipment to hybrid projection system has been taken-up from March 1, 2016. The up-gradation work is expected to take a few more months. There will be no shows during this period. Inconvenience to students is regretted. The date of resumption of shows will be announced in due course.

NOTE: Special lectures on a specific topic in astronomy and astrophysics, followed by a Q&A session can be arranged at the Planetarium between 10.30 am and 3 pm. Interested schools MUST send a request a week in advance and get a confirmation on the date and time. The duration of the lecture interaction is two hours. These schools can bring up to 100 students for this programme.