

Innovation Festival 2017

The **National Science Centre, Delhi**, popularly known as Science Museum of Delhi, in addition to showcasing of galleries, organizes various competitions and events for imparting informal science education and creating scientific temper among the school students in particular and general public at large.

Realizing the importance of Innovation and the impact of experimentation and scientific method in shaping logical thinking among our community, the National Science Centre is organizing **Innovation Festival** during **20th to 23rd January, 2017**. It will aim to foster a passion and aptitude for science and technology and to provide a unique platform to Innovative and creative Innovators.

The Innovation Festival will comprise of

- A) Innovation Fair
- B) Make it at Science Centre: a) Art b) Sculpture c) Build from Scrap
- C) Creative Robo Design
- D) Innovative Challenges
- E) Family Science Quiz
- F) Popular Science lecture
- G) Idea Contest

Innovation Festival is open ended, encouraging and generous in Spirit. It is about participation, not competition. The Festival is an all age showcase and celebration of Invention, creativity and resourcefulness. This is a place to meet and interact with likeminded innovators from different walk of life. This will also provide opportunity to showcasing Maker, who is exploring new forms and new technologies, to interact with makers from different technological world. It will support discovery and exploration while introducing new tools for advance design. Its other objective is fostering creativity in people and to make them agent of change in their personal life and their community. During the festival, several contests will be organized for students and general visitors on prior registration basis.

INNOVATION FAIR

It will provide people an opportunity to showcase their most innovative products made by them in the past. Innovation fair is all about what do innovators do, what they make, how they do. It is a gathering of fascinating and curious people who enjoy learning and sharing what they can do. It's a platform for Innovators to show their creative work and interact with others of varieties of fields. It is interactive, with plenty of opportunities for hands on or do it yourself interaction for adults as well as kids.

What will be at display at Innovation Fair?

1. Products made by Identified innovator/ Maker in the past
2. Working on new projects and demonstration of their work
3. Giving opportunity for visitors participation in New project

Who can participate: Hobbyist, enthusiasts, students, amateurs, professional of all age and gender can participate in the Festival. R&D companies with their new innovative products can also participate. They will have to apply on prescribed format available at the website or reception counter of National Science Centre, Delhi. **The interested participant will have to submit the original video clip of at least one minutes of his/her innovative project mentioning clearly the claimed Innovation.** A screening committee will be constituted to Identify Innovative ideas, creativity and to restrict their numbers. They will classify them in two groups.

Category A

Under this category, Those Innovators with confirmed innovations or as screened by screening committee will be allowed. They should submit their credentials of their products also if possible. They will be given Honorarium and TA restricted to Rs, 1500/- per head per day.

Category B

Under this category all those innovators, whose products are likely to be possible will be allowed to showcase their innovations and it will be open for discussion by public and Judges. May be innovators will have suggestions from judges or public. They will bring their products at their own cost. No Honorarium will be given in this category. This will provide a platform for all sorts of Ideas and will promote spirit of Innovation. Prior registration will be must in this category. **The screening committee decision in this regards will final and binding upon all participants.**

(Maximum 40 Innovators combining both categories will be allowed to Participate in this fair.)

Companies

Companies with only their new innovative product can also participate. They will also have to submit the details of their new products with innovation claimed. They will also have to submit the video of their innovation.

Venue & Duration of the Fair: The venue will be fair ground area of National Science Centre. The Fair will be of four days duration starting from **20th to 23rd January, 2017**

OTHER EVENTS DURING FESTIVAL

A) **Make it at Science Centre**

a) Art : This event is open for all artist and art students of different college or school. They can paint on canvas, paper etc. on any topic related to Science or technology innovations or scene from National Science Centre, Delhi also. **They will have work in Science Centre to start their work by 20th January, 2017 and finish it by 22nd January, 2017** so that these can be displayed on 23rd. New style, New techniques, New materials will be encouraged. Their Judgment will take place on **23rd January, 2017**. Please specify your material requirement to science centre. .Please note that colour and tools will have to be arranged by Participant. Only Canvas, Paper, stone POP etc.will be arranged by NSC, Delhi. Note that after exhibition these materials will be property of National Science Centre, Delhi.

b) Sculpture : This event is open for all sculptor and they can build sculptures using stone, POP or any other materials etc. on any topic related to Science or technology or innovations. **They will have work in Science Centre to start their work by 20th January,2017 and finish it by 22nd January,2017** so that these can be displayed on 23rd. New style, New techniques, New materials will be encouraged. Their Judgment will take place on **23rd January, 2017**. Please specify your material requirement to science centre. Only Canvas, Paper, stone POP etc.will be arranged by NSC, Delhi. Colour and tools will have to be arranged by Participant. Note that after exhibition these materials will be property of National Science Centre, Delhi.

c) Build from Scrap: This event is open for all. They can make any things on any topic related to Science or technology or innovations using waste materials available at NSC Delhi. They will have work in Science Centre to start their work by 20th January,2017 and finish it by 22nd January,2017 so that these can be displayed on 23rd. New style, New techniques, and use of waste materials will be encouraged. Their Judgment will take place on **23rd January, 2017**. Note that after exhibition these materials will be property of National Science Centre, Delhi.

B) On the spot Design Contest/Innovative Challenges: This event is open for families. Participants will be given a task and the best performer will be awarded. Maximum 4 members (Minimum 2) of the family can participate in the event.

C) Creative Robo Design: Any one can bring his own built creative Robo who can perform innovative or varieties of task. It will be judged by panel and will be awarded prizes. This will be one day event which will be held on 21st January, 2017.Their product will be kept at display from 10.00AM to 4.00PM.
design, construct and programme in robotics and participate in Task Contest.

D) Family Science Quiz: Families will be invited to participate in the event and finally 4 families will be selected based on written round. The questions may be current

science, Ancients Science or Demonstrative type. Final round will be held with demonstrative experiments. Maximum allowed family members are 4 and minimum 2.

E) **Popular Science Lecture:** Stimulating public lecture will be delivered by renowned person and open for all to attend..

F) **Idea Contest:** Visitors can submit their Idea in drop box during the festival and good Idea will be awarded **with memento only on last day of festival**. Idea should be related to day to day life problem in science and technology with possible solution.

General Schedule of Other Events

	Event	Date	Time
a.	Inauguration followed by Popular Lecture by eminent person	20 th January,2017	11.00 AM to 12.00 Noon
b.	Innovation Fair	20 th to 23 rd January,2017	10.00 AM to 4.00 PM
c.	Creative Robo Design	21 st January, 2017	10.00 AM to 3.00 PM
d.	Make it at Science centre a) Art b) Sculpture c) Build from Scrap	20 th to 23 rd January, 2017	10.00 AM to 4.00 PM
e.	On the spot Design Contest/ Innovative Challenges (Open for families)	22 nd January, 2017	10.30 AM to 12.30 PM
f.	Family Science Quiz	22 nd January, 2017	2.00 PM to 4.00 PM
g.	Idea Contest	Idea can be dropped in Box kept at Fair 20 th to 23 rd January,2017(Afternoon)	
h.	Valediction	23 rd January, 2017	4.00 PM onwards

Rules and regulations for Participation in Innovation Fair

1. Innovator has to register with National Science Centre, Delhi for participation. He/she should apply on prescribed format available at NSC, Delhi with details of previous work done and also about the new creation planned by him. A committee will scrutinize these applications and select the participant for the Innovation fair. They will classify them in two categories which will be informed to participants. The National Science Centre Delhi will have all rights to accept or reject.

2. Innovator/Maker selected will be given maximum 10ftX 10ft area where he will showcase his previous work and to work on new project using small tools. Large scale branding of their company or organization is discouraged within the allotted area. The maker must submit his/ her plan of display in advance.
3. All the selected Innovators/makers should attend the Pre Festival meeting to discuss their project, presentation and Modus Operandi of their display which will be held on **3rd January, 2017 in the Auditorium of National Science Centre at 11.00 AM.**
4. They can avail facilities of Workshop and Innovation Space of National Science Centre for specific requirements. They can use these facilities before the start of the fair also subject to availability. However these facilities will be given only to selected participants.
5. They will have to bring their own specially required materials and specially required tools. In Special circumstance NSC, Delhi can provide tools and materials if approved by The Director, NSC Delhi.
 6. Innovator/Maker will be charged Rs. 100/- for participation and will have to make own arrangement of stay and transportation during the Fair. However, an amount of Rs 1,500/- per day will be offered as honorarium and transport charge to the selected participants in group A category and Rs. 500/- to B category innovators. For companies, maximum 3 people will be allowed to stand on kiosk.
7. Innovator/Maker will not be able to directly sell their product to visitor during the fair, however they can have discussion about this and NSC, Delhi will have no role in deal.
8. Innovator/Makers are requested to inform about their specific requirement well in advance so that the necessary arrangement could be made.
9. During the Fair lunch/ snacks etc. will be provided to the participants/Innovators/makers in Innovation Fair, Build from Scrap and Robofest by National Science Centre, Delhi.
10. Makers have to make their own arrangements of patenting their Idea and due acknowledgment to National Science Centre should be given wherever applicable.
11. National Science Centre may retain the best project/Entry for one year for display to enthuse or motivate the other makers and may recommend for participation at other exhibitions/ Fairs.

For Participation in Contest & other events during festival

12. Participant will need to apply for the participation on the format available on the website.

13. Participation is limited and may be done on first cum first serve basis in case of overwhelming response.

14. Prize Structure for all the contests will be

First prize :Rs.3000/-

Second prize :Rs.2000/-

Third Prize :Rs.1000/-

Decision of panel of Judges will be binding on all the Participants and no argument in any form will be entertained by NSC, Delhi. All these events are organized with the aim to foster scientific temper and spirit of Innovation.

15. Form for the participation can be downloaded from the website or can be requested through email innovationfestdelhi@gmail.com. One can collect in person also from Reception counter of NSC, Delhi.

16. National Science Centre, Delhi has all rights to do necessary modifications in the programme including cancellation of the event.

17. The last date for registration to participate is **20th December, 2016**.

Who can participate?

Sr. No	Event	Who can Participate	Fee to be paid
1.	Innovation Fair	1) For real innovators from diversified field to display and demonstrate innovative ideas 2) Innovating Company	Rs. 100/- Rs. 5,000/-
2.	Make it at Science centre a) Art b) Sculpture c) Build from Scrap	Open for all, Including students of ART colleges	100/-
3.	Creative Robo Design	Open for all	100/-
4.	Innovative Challenges	for family	100/-
5.	Family Science Quiz	for family	100/-
6.	Popular Science lectures	All can attend	Entry ticket only
7.	Idea Contest	Open for visitor during fair	Entry ticket only

Note: Fee can be deposited through Demand Draft, money transfer in our account or through cash. Entry tickets can be purchased only at the time of entry to the centre. However prior registration is must for attending lecture.

Age limit: There is no age limit for participation in Innovation Festival.

Important instruction for Registration

Registration must be done either by depositing it in person or mailing it through speed post or courier or by clicking the submitting application through following link

<https://docs.google.com/forms/d/e/1FAIpQLSdMvjQ5hACVXnoFas63yigpCtzYQwwOdUrBS9GP2D4n2PqzuQ/viewform>

Before **20th December, 2016** in prescribed format only.

Please prepare DD in favour of National Science Centre, Delhi payable at New Delhi or for Money transfer, our bank details are

Name of the Account Holder

NATIONAL SCIENCE CENTRE,
DELHI

Account No:

2417101004100

Bank Name

CANARA BANK

BANK ADDRESS

6, BHAGWAN DAS ROAD, NEW
DELHI

IFSC CODE :

CNRB0002417

MICR CODE :

110015045

Type of Account

SAVING ACCOUNT

Branch Code

2417

For Further Details, please contact

Sh. Vijay Shanker Sharma, Curator E,

Sh. Dinesh Malik, Education Officer, 9899652233,

Sh. Vinay Kumar, Education Assistant, 9899489625

Or email to innovationfestdelhi@gmail.com

Rules and Regulations for different events

1) Make it at Science Centre

The participants can built his own creation (Either Art, Sculpture or Science) using scarp materials or materials supplied during Innovation Festival i.e 20th to 23rd January, 2017 in National Science Centre, Delhi. Artist and Sculptor will have to bring their own burshes, colour, tools etc. for use. Built from scrap participants can use tools and machinery available at Science Centre. They will have to get approved there project with NSC, Delhi before start working on project. They have to use scrap materials for construction available at NSC, Delhi with permission. They will be judged collectively and they will display their product with other participants on 23rd January, 2017.

2) Judges will evaluate their creation from on 23rd January, 2017 at 10.30AM onwards. Their decision will be final and binding upon all the participants.

4) The prizes will be given on 23rd January, 2017 at 4.00PM during Valediction ceremony.

5) Participant will be given for lunch during display.

6) No transportation charges etc. will be given in this category.

7) If some special material/ service are required, please intimate us in advance. The Science Centre will try to arrange it but it will not be binding on it.

8) The selected creation will be properties of Science Centre and it may be displayed in our Centre. No claim will be given for these creation display.

2) Innovation Fair

It will provide people an opportunity to showcase their most innovative products made by them in the past. Innovation fair is all about what do innovators do, what they make, how they do. It is a gathering of fascinating and curious people who enjoy learning and sharing what they can do. It's a platform for Innovators to show their creative work and interact with others of varieties of fields. It is interactive, with plenty of opportunities for hands on or do it yourself interaction for adults as well as kids.

What will be at display at Innovation Fair

1. Products made by Identified innovator/ Maker in the past
2. Working on new projects and demonstration of their work
3. Giving opportunity for visitors participation in new project

Please note that 3D original/ proto type product is must for participation and please specify your innovation claim. Please submit a video showing your product. Mobile video will also be considered. Simply an Idea or mere computer presentation will not be considered.

Who can participate: Hobbyist, enthusiasts, students, amateurs, professional of all age and gender can participate in the Festival. ***Participation will be either at individual level or company level.*** They will have to apply on prescribed format available at the website or reception counter of National Science Centre, Delhi. A screening committee

will be constituted to Identify Innovative ideas, creativity and to restrict their numbers. They will classify them in two groups.

Category A

Under this category, Those Innovators with confirmed innovations or as screened by screening committee will be allowed. They should submit their credentials of their products also if possible. They will be given Honorarium and TA restricted to Rs, 1500/- per head per day.

Category B

Under this category all those innovators, whose products are likely to be possible will be allowed to showcase their innovations and it will be open for discussion by public and Judges. May be innovators will have suggestions from judges or public. They will bring their products at their own cost. No Honorarium will be given in this category. This will provide a platform for all sorts of Ideas and will promote spirit of Innovation. Prior registration will be must in this category. The screening committee decision in this regards will final and binding upon all participants.

(Maximum 40 Innovators combining both categories will be allowed to Participate in this fair.)

Companies

Companies with only their new innovative product can also participate. They will also have to submit the details of their new products with innovation claimed. They will also have to submit the video of their innovation.

Note: The Screening committee will select the participating Innovators and may reject entries in this category. No fee will be refunded if entries are rejected.

Venue & Duration of the Fair: The venue will be fair ground area of National Science Centre. The Fair will be of four days duration starting from 20th to 23rd January, 2017 and Timing will be 10.00AM to 4.00PM.

- 1) The venue will be fair ground area of National Science Centre.
- 2) The Fair will be of Four days duration starting from **20th to 23rd January, 2017** and Timing will be **10.00AM to 4.00PM**.
- 3) In this event, participants will display models/creative products (including art and craft). Participant have to bring their creation directly on **20th January, 2017 at 9.30 AM** for display and these will be kept for display from **10.00AM to 4.00PM** on all four days.
- 4) It should be participants own creation. Innovator selected will be given maximum **10ftX 10ft** area where he/she will showcase his/her previous work and to work on new project using small tools. Large scale branding of their company or organization is discouraged within the allotted area.
- 5) They will have to bring their own specially required materials and specially required tools. In special circumstance NSC, Delhi can provide tools and materials if approved by the competent authority.
- 6) However, an amount of **Rs 1,500/-per day** will be offered as honorarium and transportation allowance to category A innovators and Rs.500/ to category B innovators

and Innovator will have to make own arrangement of stay and transportation during the Fair. Companies will not be paid any honorarium and transportation allowance Etc.

7) There will not be any contest or competition, Team of Experts will be constituted to select award of the year in following fields

- a) Best skilled work (trophy)
- b) Best in Art (trophy)
- c) Best in Science (trophy)
- d) Best in Technology (trophy)
- e) Best Robo

No cash award will be given in this category.

8) Judges will evaluate their creation from on **23rd January, 2017 at 10.30AM** onwards. Their decision will be final and binding upon all the participants.

9. Innovators are requested to inform about their specific requirement well in advance so that the necessary arrangement could be made.

10. During the Fair lunch etc. will be provided to the participants/Innovators in Innovation Fair.

11. Innovators have to make their own arrangements of patenting their Idea and due acknowledgment to National Science Centre should be given wherever applicable.

12. National Science Centre may retain the best project/entry for one year for display to enthuse or motivate the other innovators and may recommend for participation at other exhibitions/fairs.

13) Innovator will not be able to directly sell their product to visitor during the fair. However they can have discussion about this and NSC, Delhi will have no role in deal.

14) The prizes will be given on **23rd January, 2017 at 4.00PM** during Valediction ceremony.

15) If electric power point is required, please intimate us in advance.

16) No transportation charges etc. for bringing your creation/ products to NSC, Delhi will be given in this category.

3) Creative Robo Design

Anyone can bring his own built creative Robo who can perform innovative or varieties of task. Their product will be kept at display from 10.00AM to 4.00PM. It will be judged by panel and will be awarded prizes. This will be one day event which will be held on **21st January, 2017** .

1) It should be participants own creation.

2) Judges will evaluate their creation from on 21st January, 2017. Their decision will be final and binding upon all the participants.

3) The prizes will be given on 23rd January, 2017 at 4.00PM during Valediction ceremony.

4) Participant will have to make their own arrangement for lunch etc.

5) No transportation charges etc. for bringing your creation to NSC, Delhi will be given in this category.

6) If electric power point is required, please intimate us in advance.

4) Innovative Challenges

This event is open for families. Participants will be given a task and the best performer will be awarded. Maximum 4 members (Minimum 2) of the family can participate in the event.

- 1) Family members should not be more than 4. Families are requested to report at Science Centre at 10.00AM on 22nd January, 2017 in auditorium.
- 2) On the spot challenge will be given and all the participants will have to complete it strictly within allotted time.
- 3) Judges decision will be final and binding upon all the participants.
- 5) The prizes will be given on 23rd January, 2017 at 4.00PM during Valediction ceremony.
- 5) Participant will have to make their own arrangement for lunch etc.
- 6) No transportation charges etc. will be borne by NSC, Delhi.
- 7) If special arrangement is required, please intimate us in advance.

5) Family Science Quiz

Families will be invited to participate in the event and finally 4 families will be selected based on written round. The questions may be current science, Ancients Science or Demonstrative type. Final round will be held with demonstrative experiments. Maximum allowed family members are 4 and minimum 2.

- 1) Family members should not be more than 4. Families are requested to report at Science Centre at 1.30PM on 22nd January, 2017
- 2) There will be written round for the families in Auditorium at 2.00PM, Based on their written round, four teams will be selected for stage round. The questionnaire may include questions from Science and Technology, their history, and some live demonstration also.
- 3) Judges decision will be final and binding upon all the participants.
- 5) The prizes will be given on 23rd January, 2017 at 4.00PM during Valediction ceremony.
- 5) Participant will have to make their own arrangement for lunch etc.
- 6) No transportation charges etc. will be borne by NSC, Delhi.
- 7) If special arrangement is required, please intimate us in advance.
- 8) No earphone and mobile are allowed during the quiz rounds.