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Ref No IKGPTU/RIC/3206

Dated 15-02-2016

The Director/Principal/Faculty/students  
All PTU affiliated colleges.

Subject: Nominations invited for INNO-TECH 2016 Award.

Dear Sir/Madam,

Innovative Technologies 2016 is going to be jointly organized by the Pushpa Gujral Science City and Punjab Technical University on March 18-20, 2016 at Pushpa Gujral Science City, Jalandhar-Kapurthala road, Kapurthala. Innovative Technologies 2016 is a unique programme aimed at encouraging innovation and creativity among the students and teachers of professional colleges through development of working models in the various fields of Science & Technologies and other activities.

Following may participate in this program:

- 1) Engineering College students,
- 2) Polytechnic College students
- 3) Industrial Training Institutes students,
- 4) Post Graduate students and Teachers.

Various competitions like Model competition, Quiz contest and Science Technology Fiction will be organized in this event.

Intending participants are required to register online at website [www.pgsciencity.org](http://www.pgsciencity.org) before March 07, 2016. The entry fee for displaying innovation projects is Rs. 250/- (per project) and for other activities (like Quiz) Rs. 100 (per team).

For further information contact Mr. Ritesh Pathak, Coordinator on mobile no. 09872011425 and Ms. Manjinder Kaur, Coordinator on mobile no. 08437718009 and for accommodation kindly contact Ms. Kanika Sharma on mobile no. 8699227601.

Kindly visit the website: [www.pgsciencecity.org](http://www.pgsciencecity.org) for more details. Last date for registration is March 07, 2016. A copy of brochure is attached.

Thanking you,

Yours sincerely,

Dean RIC

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CC: PS to Vice Chancellor- for information of worthy Vice Chancellor.

*Web portal*

**"Developing Youth for a prosperous Knowledge Society"**

ਪੰਜਾਬ ਟੈਕਨੀਕਲ ਯੂਨੀਵਰਸਿਟੀ, ਜਲੰਧਰ-ਕਪੂਰਥਲਾ ਰਾਜਮਾਰਗ, ਕਪੂਰਥਲਾ 144603  
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# INNO-TECH-2016

## 18-20 March, 2016



INNOVATIVE TECHNOLOGIES-2016 is a unique programme aimed at encouraging innovation and creativity among the students and teachers of professional colleges through development of working models in various fields of Science & Technology

### AWARDS

Cash Prizes Ranging from ₹1000 to ₹25000  
Certificates to all participants

#### Where?

Pushpa Gujral Science City, Jalandhar-Kapurthala Road, Kapurthala

#### Who can take part?

Category-I : Engineering college students

Category-II : Polytechnic college students

Category-III : Industrial Training students

Category-IV : Post graduate students & teachers

#### What are the competitions?

##### For all the categories

##### Display of Models

Explore and display your path-breaking ideas through projects/models.

##### Themes for Models

Automobiles

Software

Mechatronics

(Electrical, Electronic, Robotic, Aeronautics)

##### Miscellaneous

(Life Science, Nanotechnology-from Macro to Nano, Space Science and Engineering, Environmental Science and Engineering, Health/Biomedical Sciences)

##### For Category I, II & III

##### Quiz Contest

Be ready, Be Smart,  
Be noticed !

#### Online Registration

Intending participants are required to register online at our website

[www.pgsciencecity.org](http://www.pgsciencecity.org)

(for details see guidelines)

##### Entry Fee :

For Display of Innovative Projects : ₹ 250 (Per Project)

For Quiz : ₹ 100 Per Team

**Deadline for Registration >> 07 March 2016**

For Further Information Contact : Mr. Ritesh Pathak, Co-ordinator, Mobile : 098720 11425  
Ms. Manjinder Kaur, Co-Ordinator, Mobile : 08437718009

For Accommodation Contact : Ms. Kanika Sharma, Mobile : 08699227601

**REGISTER NOW AND WATCH YOUR BIG IDEAS TAKE OFF!**

Jointly Organized by:



Pushpa Gujral  
Science City

&

I.K. Gujral Punjab  
Technical University



# **INNO-TECH-2016-AN EVENT TO DEMONSTRATE INNOVATIVE TECHNOLOGIES**

**(Jointly organized by the Science City & Punjab Technical University)**

**18 - 20 March 2016**

## **JUMP INTO THE SQUARE OF EXCITING SCIENTIFIC EVENTS!**

Pushpa Gujral Science City in collaboration with Punjab Technical University is organizing INNOTECH 2016 to encourage innovation and creativity among the students and teachers of professional colleges through development of working projects in the various fields of Science and Technology and several other activities.

### ***Where?***

Pushpa Gujral Science City, Jalandhar-Kapurthala Road, Kapurthala

### ***Who can participate?***

Category I: Engineering College students

Category II: Polytechnic College students

Category III: Industrial Training Institutes students.

Category IV: Post Graduate students and Teachers

### ***What are the competitions?***

#### **1. Display of innovative projects/Models**

**Eligibility: All categories**

**Themes for working projects:**

- Automobiles
- Mechatronics (Electronics, Robotics, Aeronautics, Electrical)
- Software
- Miscellaneous (Nanotechnology-From Macro To Nano, Environmental Science and Engineering, Space Science and Engineering, Health/Biomedical Sciences, Life Sciences, Mathematics)

**The following guidelines are to be considered:**

- **Registration: Intending participants are must required to submit a half page synopsis describing basic scientific principle, economics & applications of the proposed project to the Science City through online submission form at our website [www.pgsciencity.org](http://www.pgsciencity.org) before 07 March, 2016.**
- Participation will be on first-cum-first serve basis. The model can be individual or a group project. A group project must be the work of *not more than four students*. Group projects must reflect the work of *all* members.
- Not more than 5-6 models will be entertained for each theme from one institute. You are therefore requested to choose the best working models/projects for the competition.
- **Registered Exhibitors are responsible for setting up their models on 18<sup>th</sup> March, 2016 at 9.00am after depositing the registration fee. The projects shortlisted by the judges will be announced in the afternoon. The shortlisted projects will be re displayed on 19.3.2016 for final evaluation. Night stay accommodation will be provided to those participants who are from far off places only.**
- Plagiarism is prohibited. The projects/models must be the original work of the entrant(s).
- The intending participants must carry I-Card/Certificate from their respective institutes as proof of their identity for participation.
- **Your registration number and detailed programme information will be sent via e-mail. Be sure your registration number is displayed in front of your project**
- While registering your project/model online, kindly make sure that the names of team members provided are correct as the same are to be printed on the certificates.

**Selection Criteria:** A team of scientists/technologists will evaluate all projects. The criteria of evaluation would be:

- Originality and Innovativeness: 25%
- Scientific principle/approach and technical skill: 25%
- Application and utility: 25%
- Presentation/Explanation and Demonstration: 25%

**Prizes: Ranging from ₹ 1,000 to ₹ 25,000 accompanied by a certificate of participation**

**Note:** The award money may vary depending upon the standard of the projects received and their innovative content.

- **Entry fee for display of model:** for all categories: ₹250 per model. Entry fee to be deposited on the spot at the time of registration on March 18, 2016.

## **2. QUIZZING QUEST:**

**Eligibility: Category I, II and III** (Participants will compete in three categories)

For above categories, the following shall hold:

- Each team shall have two members only.
- The quiz will be conducted in two rounds

### **i) Screening Round**

There will be screening round.

All the participants can participate in the screening round, from which 6 teams will be selected and those 6 teams will participate in the final rounds of the quiz. The 6 teams selected will be different college/institute.

**Note: If a college/institute has more than one team in the top six, the team having top ranking will be selected for final round.**

### **ii) Final Rounds: Final round will consist of following sections**

- **Science round**
- **Memory round**
- **Visual round**

**Rapid fire round will be conducte for 1st, 2nd and 3<sup>rd</sup> highest scoring teams.**

- Each team has to answer maximum questions in 30 seconds.
- 10 marks for right answer, -5 for wrong answer.

**The extra question will be asked in case there is tie between the teams.**

**Note: The decision of quiz master will be considered as the final decision**

**ENTRY FEE:**

- Rs. 100/- per team to be deposited on the spot at the time of reporting.
- **Intending participants are required to submit their entries through online at our website [www.pgsciencecity.org](http://www.pgsciencecity.org). Participation will be on first-cum-first serve basis.**

**REGISTRATION DEADLINE: 07 March, 2016.**

- All the participants will be given free visit to Science City on 20.03.2016. Participation will be on First-Cum-First serve basis. Entry of two teachers per institute will be free.
- Night stay facility available for limited participants (preferably girls) from far away places. Intended participants seeking stay facility at Science City must confirm their booking before their arrival at PGSC **.For booking contact:**

**Ms Kanika Sharma**

Assistant Estate Mnager  
Pushpa Gujral Science City  
Jalandhar-Kapurthala Road  
Kapurthala(Punjab)-144301.  
Mobile:86992 27601

**For more information contact:**

Mr. Ritesh Pathak, Co-ordinator, Mobile: 98720-11425

Mrs. Manjinder Kaur, Co-ordinator, Mobile: 084377-18009