Office of Corporate Relations & Alumni

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PTU **PUNJAB TECHNICAL UNIVERSITY**

Estd. Under Punjab Technical University Act. 1996
(Punjab Act No. 1 of 1997)

Ref. No. IKGPTU/CD/PO/365

Dated Feb 09, 2017

Directors/ Principals
All Engineering Colleges/ Institutes
Affiliated to IKG PTU

Sub: **Regarding INNO-TECH-2017 - An Event to Demonstrate Innovative Technologies.**

Dear Sir/ Madam

Pushpa Gujral Science City in collaboration with Punjab Technical University is organizing INNOTECH 2017 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.

Students from Engineering, Polytechnic, Industrial Training Institutes, Post Graduate Students & Teacher can participate in the said competition. The competition aims to display innovative projects/models from various themes like automobile, robotics & software etc. (Details attached)

The details of the event are mentioned below:-

- Date & Time   :   March 17-19, 2017 & 0900 hrs
- Venue   :   Pushpa Gujral Science City, Jalandhar-Kapurthala Road, Kapurthala

You are requested to inform the students & faculty of your college/ Institute to participate in INNOTECH 2017 competition and motivate them to register themselves at http://pgsciencecity.org/innotech17/register_innotech17.html

For any queries you may please call @ +91- 9872011425 & +91- 9814725204.

With profound regards,

Amanpreet
Assistant Director
(Corporate Relations & Alumni)

<u>**INNO-TECH-2017-AN EVENT TO DEMONSTRATE INNOVATIVE TECHNOLOGIES**</u>

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

<u>**17 - 19 March 2017**</u>

JUMP INTO THE SQUARE OF EXCITING SCIENTIFIC EVENTS!

Pushpa Gujral Science City in collaboration with Punjab Technical University is organizing INNOTECH 2017 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 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 before 07 March, 2017.**

- 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 10 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 17th March, 2017 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 18.3.2017 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 17, 2017.

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 conduce for 1st, 2nd and 3ʳᵈ 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. Participation will be on first-cum-first serve basis.**

  REGISTRATION DEADLINE: 07 March, 2017.

- All the participants will be given free visit to Science City on 19.03.2017. 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: 094175 21428

For more information contact:

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

Mr. Manpreet Singh, Co-ordinator, Mobile: 098147 25204

INNO-TECH-2017
17-19 March, 2017

INNOVATIVE TECHNOLOGIES-2017 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, Aeronautica)

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
(for details see guidelines)

Entry Fee :
For Display of Innovative Projects : ₹ 250 (Per Project)
For Quiz : ₹ 100 Per Team

Deadline for Registration >> 07 March 2017

For Further Information Contact : Mr. Ritesh Pathak, Co-ordinator, Mobile : 098720 11425
Mr. Manpreet Singh, Co-ordinator, Mobile : 09814725204

For Accommodation Contact : Ms. Kanika Sharma, Mobile : 094175 21428

REGISTER NOW AND WATCH YOUR BIG IDEAS TAKE OFF!

Jointly Organized by:

Pushpa Gujral Science City

I.K. Gujral Punjab Technical University