

Date: 04<sup>th</sup> April, 2018

ANNOUNCEMENT OF  
B.TECH INTER COLLEGE MAJOR PROJECT COMPETITION - 2018

University School of Information, Communication and Technology, GGSIPU announces "B.TECH Inter College Major Project Competition - 2018". The B. Tech final year project plays an important role in shaping the overall career of a student. The students apply their entire conceptual ideas for developing practical and innovative models. To encourage the students, GGSIPU holds an Inter College Project Competition every year in several disciplines. This practice was started way back in 2003 with the first batch and continued since then. Some of the projects got appreciated and awarded at All India level in National Design Competitions organized by Institute of Engineers (India.)

*The project development plays an important role for the B.Tech course as it helps the students to give physical shape to their theoretical and practical knowledge. The projects selected for the competition should match the Industry requirements and must meet the need of the day. The products so formed can be patented. The projects should have the potential that they can be awarded at the National Level. There are many good projects which can help the society in many ways like - Blind Stick with Sensors, Attendance management system, Unmanned Vehicle, Automated Parking apps and many more. The projects will be judged on the basis of the following parameters:-*

1. *Innovation*
2. *Real Time Problems*
3. *Creativity*
4. *Thoroughness*
5. *Knowledge Gained*
6. *Accuracy of conclusions*
7. *Helpful for the society*
8. *Quality of Written and Oral presentation*
9. *Easy to Use*
10. *Scalable*

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GGSIPU/USICT/2018/9017  
Date: 05/04/2018

The project competition gives an opportunity to the students to showcase their talent, research orientation and untapped potential. The goal of this competition is to prepare the future generation of engineers to be ethically innovative leaders, can collaborate in team, be responsible citizens, problem solvers and life long learners. Thus, there is need of recognition of the amount of hard work by the students. Every year, various affiliated colleges organize Inter College B.Tech Major Project Competition in coordination with the university.

This year, **Bhagwan Parshuram Institute of Technology, K.N. Katjoo Marg, PSP-4 Sector-17, Rohini, New Delhi-110089**, has been authorized to take up the responsibility for the overall coordination of project competition. The following affiliated institutes are the local hosts who shall coordinate and conduct the Project Competition for various thirteen disciplines at 7 different centres.

S. No.	Branch	Host Institute	Proposed Date
1	CSE	BPIT, Rohini	15-May-18
2	EEE & Allied Branches: Power, EE	MSIT, Jankpuri	16-May-18
3	ECE	GTBIT, Harinagar	16-May-18
4	Civil & Environment	NIEC, Shastri Nagar	16-May-18
5	IT	MAIT, Rohini	17-May-18
6	ME, MAE, Mechatronics, Tool Engg.	HMRITM	17-May-18
7	Instru. & Control Engg.	BVOCE, Paschim Vihar	17-May-18

This competition will comprise of the following stages:

### STAGE- 1

At the first stage the students' projects are examined during the End Semester Practical Examination held at each Institute, where the External Examiners help in selecting the best three Projects of each discipline. In these examinations, the External Practical Examiners are usually experienced well known professors from Engineering & Technology streams such as IITs, NITs, GGSIP University, DTU/DCE, Jamia Millia Islamai etc, are appointed by the University. The best two entries from each college are eligible for the second stage.

## **STAGE- 2**

Colleges responsible for the conduct of the competition (discipline wise) for the above mentioned discipline will choose a coordinator. He/ She will be responsible for organizing the entire competition (for the Discipline chosen) in his/her college by attracting the best project entries from all the affiliated colleges. He/ She will also give a list of judges to be appointed for the screening of the projects during the competition. The DEAN USIC&T shall finalize **two judges** out of the list provided.

The judges should be experienced professors from academia or professionals from industry. **All the participating institutes are required to send the summary and presentation of the best projects to the hosting Institute (coordinating institute, discipline wise) and a copy of the same to BPIT (the Hosting Institute) on or before 24/05/2018.** The coordinating Institute shall conduct the project competition presentation and interview before the Judges appointed for the discipline authorized (as per the table above).

## **STAGE- 3**

This stage provides the Certificates Distribution Ceremony of the University / BPIT. The following norms are suggested for this competition. To enhance the prestige of the university and make a part of University Calendar, these Projects need to be highlighted at the Certificate Distribution Ceremony.

1. Each coordinating institute will send three best projects recommended by the judges in Stage -2 of each discipline and one best project in case the Institute is offering only single branch (e.g. Tool Engineering etc.)
2. The certificate for each branch are categorized as First, Second and Third for all branches except where only one Institute is offering stand alone course. In such case, these will be only one category certificate.
3. For the Projects selected for competition, students will have to submit two stages of the report giving:-
  - a. Introduction

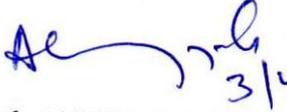
- b. Summary
  - c. Concluding remarks
4. The selected projects will be the property of the University.
  5. The participants will give an undertaking that they will not challenge the decision of the judges.
  6. No Certificate will be given in absentia. However, the certificate will be given, if the group is represented by at least one member, who will give the presentation during the Certificate Distribution Ceremony.

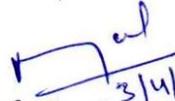
### **Procedure for competition**

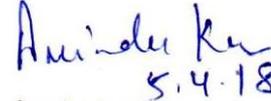
1. The competition is open to all University Schools of Studies(USS) offering engineering programmes and all Affiliated Engineering colleges under USICT.
2. Each group of the selected project will be sending the summary and projects to the Coordinating Institute.
3. Each group will be given at least fifteen minutes for presentation and show the working the project. If the hosting institute does not give requisite time for presentation, the institute will be black listed.
4. There will be two judges for evaluation:
  - a) One judge should be a professor having experience of more than fifteen years.
  - b) The second judge may be renewed person from industry or a professor. The institute coordinator will finalize the judges and request them for this work after the same is duly approved by Dean, USICT.
5. Every Institute has a coordinator who receives the entries and arrange for Presentation/ viva-voce for deciding the winners. He compiles the results and sends the same to the main project coordinator. He will also arrange payment of fees, transport to the judges and send the bills to Main Project Coordinator.
6. The main Project Coordinator shall A) coordinate the entries from different Institute B) Compile the results and arrange for certificate Distribution

Ceremony to be held in the University or in any Institute. He shall also be responsible to arrange mementoes, certificates, photographs, Bouquets for dignitaries.

7. The respective guides /supervisors who have guided the students shall be given a certificate.
8. Secretarial assistance is to be provided for project coordinator.
9. Certificate Distribution Ceremony will be held at the University/ BPIT in the presence of other dignities and invites.

  
3/4/18  
**Prof. Abhijit Nayak**  
(Dean, BPIT  
& Project Coordinator)

  
3/4/18  
**Prof. Payal Pahwa**  
(Principal, BPIT)

  
5.4.18  
**Prof. Arvinder Kaur**  
(Dean USICT)