GOVERNMENT OF TELANGANA

OFFICE OF THE
COMMISSIONER OF TECHNICAL EDUCATION
TELANGANA :: HYDERABAD

Cir. Memo. No. T1/1891/NITTTR/2015  Dt:-13-08-2018

Sub:- TECHNICAL EDUCATION – 2nd National Innovation Talent Contest for polytechnics at NITTTR, Kolkata - Reg.


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With reference to the subject & reference cited, the Principals of all Government Polytechnics, under the control of this department are informed that the National Institution of Technical Teachers’ Training & Research (NITTTR), Kolkata is going to organise 2nd National Innovation Talent Contest for polytechnics (2nd NITCP) in its Salt Lake Main Campus in the month of February 2019.

In this connection, the Principals of all Govt. Polytechnics of Telangana State are informed to register online or download this form at http://www.nitttrkol.ac.in/nitcp2019 and send it after filling on or before 30th September 2018 by email to nitcp@nitttrkol.ac.in.

Encl: As above

Sd/- NAVIN MITTAL
COMMISSIONER

To
The Principals of all Government Polytechnics under the control of this Department of Technical Education, Telangana State.

Copy to the Secretary, SBTET, T.S., Hyderabad for kind information.
Copy to the RJD (TE), Hyderabad, T.S., for kind information.
Copy to the Director, National Institution of Technical Teachers’ Training and Research (NITTTR), Block-FC, Sector-III, Salt Lake City, Kolkata-700106.
Copy to Stock File/Spare.

//F.B.O.//
Ref. No. NITTTR-K/DS/NITCP-19/2018-19/812

Shri Navin Mittal, IAS
Commissioner
Technical Education
Government of Telangana
2nd Floor, Vidyabhanu, Nampally
Hyderabad. 500001

Sub: 2nd National Innovation Talent Contest for Polytechnics at NITTTR, Kolkata-reg.

Sir,

As you are aware of the fact that National Institute of Technical Teachers’ Training & Research (NITTTR), Kolkata successfully organized 1st National Innovation Talent Contest (1st NITCP) among various polytechnics in the country in February 2017. In order to maintain the continuity of the event, the Institute is going to organize 2nd National Innovation Talent Contest for Polytechnics (2nd NITCP) in its Salt Lake Main Campus in the month of February, 2019. The aim of this contest is to ensure motivation in skill training among the students, teachers, technical staff members and to foster innovation literacy for improved downstream innovation and productivity in the industries. It is a team effort as the composition of team will be made of 3 students, one lab technician and a faculty member of the same polytechnic college. This time it is planned to provide the problem sets on some domains to the teams so that they can get more flexibility to design the problem. The problem set on domains will be circulated shortly to the polytechnics.

I am sure, you will appreciate that this type of events will be a success only when it receives maximum participations from various Polytechnics across the country, especially from the North Eastern states. Your all out support and cooperation at every level is solicited to reach to the best of the best teams to attain the cherished goal of the event.

To keep abreast of rationale of holding such event, I, on behalf of the Organizing Committee, request to motivate various polytechnics of your state to participate in the contest. The brochure of the contest is attached herewith. For a regular update in this regard, please visit the contest site (http://www.nitttrkol.ac.in/nitcp2019/).

Please feel free to contact the Director, (director@nitttrkol.ac.in) in the event of any query/doubts in this regard.

It is once again reiterated that your cooperation will pave the way to make the event a grand success.

Thanking you,

Sincerely yours,

(Phalguni Gupta)
Director
How to Reach NITTTR, Kolkata

The Institute is located near Labony Bus Stand (Sector-III), FC Block in Salt Lake City, Kolkata 700106 and can be reached by taxi from Netaji Subhas Chandra Bose International Airport and also from Howrah, Shalimar, Sealdah and Kolkata Railway Stations.

Distance:

- From Howrah Railway Station: 42 min (8.1 km) via Maniktala Main Road
- From Sealdah Station: 26 min (7.4 km) via Beliaghata Main Road and Broadway Road
- From Kolkata Railway Station: 16 min (4.8 km) via Canal Circular Road
- From Shalimar Station: 38 min (18.8 km) via Parama Island Flyover
- From Netaji Subhas Chandra Bose International Airport: 27 min (11.5 km) via Kazi Nazrul Islam Sarani/VIP Road

Google map link: https://goo.gl/maps/L5igMckkWR2

Contact Details

Dr. Dipankar Bose  
Contest Coordinator, NITCP 2019  
Dept. of Mechanical Engineering  
NITTTR, Kolkata, West Bengal  
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Dr. Subrata Mondal  
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PIN-700 106, INDIA,  
Tel No.: +91 33 6625 19170  
Email: nitcp2019@nitttrkol.ac.in.
Acknowledgement

We acknowledge the support provided by all the members of the Board of Governors in launching the National Innovation Talent Contest for Polytechnics in this year.

We are thankful to the Ministry of Human Resource & Development, Department of Higher Education, Government of India, for its supportive role in this regard. Our special thanks are due to Mr. Harshvardhan Neotia and the Chairman, Board of Governors of the Institute for his continuous inspiration and encouragement to make such a nationwide initiative.

The support provided by faculty and staff members of the Institute are also appreciated.

Professor Dipankar Bose
Coordinator
2nd National Innovation Talent Contest for Polytechnics
National Institute of Technical Teachers’ Training & Research, Kolkata
National Institute of Technical Teachers' Training & Research (NITTTR), Kolkata, (formerly known as Technical Teachers' Training Institute, Eastern Region, Calcutta) was established in 1965 by the then Ministry of Education, Govt. of India. Its primary focus is to provide in-service training to the teachers and staff of Polytechnic Institutions. In 2003, Ministry of Human Resource Development, Govt. of India, accorded national status to this Institute in recognition to its expert services for overall improvement of the quality of Technical Education System. NITTTR, Kolkata's other focal activities include staff development programmes, development of learning resource materials, curriculum development, research, educational management, and rendering extension services to various academic bodies. At present NITTTR, Kolkata is also offering four AICTE approved regular Postgraduate Programmes.

The Institute has two Extension Centers, one at Guwahati and another at Bhubaneswar to cater the training need of the respective regions.

National Institute of Technical Teachers' Training & Research (NITTTR), Kolkata, (Established by the Ministry of Human Resource Development, Government of India) is one of the best known institutes in the country who is engaged in uplifting of the polytechnic education system of the country by imparting training to polytechnic teaching fraternity. To ensure motivation in skill training among the students, teachers, technical staff members and to foster innovation literacy for improved downstream innovation and productivity in the industries, the Institute has organized 1st National Innovation Talent Contest (1st NITCP) among various polytechnics in the country in February 2017. After successfully conducting 1st NITCP, NITTTR Kolkata cordially inviting polytechnics all over the country to participate 2nd National Innovation Talent Contest for Polytechnics (2nd NITCP).
Key Objectives

- To identify the levels of skills and innovation potentials of the students, teachers, technical staff members of polytechnic institutes.
- To develop cost effective technological support to the society in the domain of conventional Engineering and Technology.
- To foster innovation literacy for improved downstream work and productivity in industry.

“Through our skill development initiatives, we are strengthening our surplus manpower with skills & abilities to tackle global challenges.” – Prime Minister Narendra Modi

Output and Outcome

- Confidence building by increasing the innovation potential of the students, teachers and technical staff members of the respective polytechnic;
- Development of cost effective and innovative technology for the benefit of the society.
- Helping the industry gaining the access of young and bright polytechnic talents to launch new products and services into the marketplace through the Incubation Centre at NITTTR, Kolkata where the champions are expected to develop the final product.

“A winner is someone who recognizes his God-given talents, works his tail off to develop them into skills, and uses these skills to accomplish his goals.” - Larry Bird

Theme and Potential Areas

- Emphasis on research and development of appropriate technology or rural technology for rural development (some differentiate appropriate technology with rural technology, in common they are almost similar with the characteristic feature of being sustainable).
- Development of the establishment of a new technology extension service system (which may differ from the common technology transfer system for natural resource exploitation and management).

The potential areas for the application of rural technology in different sectors are:

1. Agriculture: Mobile application and or device for precision agriculture and farming, improved techniques of cultivation, agricultural machines and tools etc.
2. Health: Pure drinking water, improvement in sanitation, Cloud Computing Technology for Health etc.
3. Energy: Development of practical application of renewable sources like solar, wind, tidal, geothermal, water power, bio-mass/gas, urban waste etc. for lighting and motive power.
4. Low cost housing and technology village: Developing rural housing towards designing, constructing and fabricating cheap and affordable houses in rural areas using locally available materials and resources, technology village etc.
5. Roads and communication: Improvement in village roads, transport and communication systems.
The Innovations should not be

1. Unnecessary duplication of efforts,
2. Programme redundancy,
3. Uneconomical/wasteful use of limited resource,
4. Continued dependency on foreign technology and above all,
5. Absence of national capability to bring about sustained, self reliant and popular-based socio-economic development.

Start date of Registration: 16th July, 2018
Last date of Registration: 30th September, 2018
Notification of Registration Status: 15th October, 2018
Date of Contest: 23rd and 24th February, 2019

1. Composition of the team
   a. 1 faculty member as coordinator
   b. 1 technician or 1 faculty member
   c. 3 students
2. Partial travel support upto Rs. 3000 and accommodation during the contest will be provided
3. IPR, if any, will be with NITTTR Kolkata and the participating Institute
4. No seed money will be provided for designing the model
5. Model (functioning) has to be submitted to the host Institute and will be the property of NITTTR, Kolkata
6. Reimbursement of maximum Rs. 25000 will be provided upon submission of the original attested bill, of actual expanses

Please register online or download this form at http://www.nitttrkol.ac.in/nitcp2019
Registration Form

1. PERSONAL INFORMATION OF FACULTY SUPERVISOR

FULL NAME

2. PERSONAL INFORMATION OF TECHNICIAN/ FACULTY MEMBER

FULL NAME

3. PERSONAL INFORMATION OF STUDENT PARTICIPANTS

FULL NAME

4. STATE

5. NAME OF THE INSTITUTE

6. OFFICE ADDRESS (FOR COMMUNICATION)

7. PROJECT TITLE

8. BRIEF OF THE PROJECT

9. PROJECT DISCIPLINE

- [ ] CIVIL  - [ ] CS  - [ ] EE  - [ ] ME  - [ ] Inter Disciplinary

10. PROJECT COORDINATOR BANK DETAILS

Account Type: Saving □  Current A/c □  IFSC Code: □  MICR Code: □

Bank A/c Number:

Name of A/c Holder:

Bank Name:

Branch Name and Address:
11. CERTIFICATION BY PROJECT TEAM MEMBERS

We certify that we will comply with all necessary policies and procedures in discharging our responsibilities under the scheme “National Innovation Talent Contest for Polytechnics 2019” organized by NITTTR Kolkata.

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<th>1. Student</th>
<th>2. Student</th>
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<th>5. Faculty Member- Coordinator</th>
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12. CERTIFICATION BY INSTITUTE HEAD

I certify that the project can be accommodated within the general facilities in my organizational unit and that sufficient laboratory facility is available for the proposed work.

Signature of Institute Head

Name of Institute Head

Terms & Conditions:

(i) Composition of the team
   a. 1 faculty member as coordinator
   b. 1 technician or 1 faculty member
   c. 3 students

(ii) Partial travel support upto Rs. 3000 and accommodation during the contest will be provided

(iii) IPR, if any, will be with NITTTR Kolkata and the participating Institute

(iv) No seed money will be provided for designing the model

(v) Model (functioning) has to be submitted to the host Institute and will be the property of NITTTR, Kolkata

(vi) Reimbursement of maximum Rs. 25000 will be provided upon submission of the original attested bill, of actual expenses

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Enquiry:

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