GOVERNMENT OF TELANGANA
DEPARTMENT OF TECHNICAL EDUCATION

OFFICE OF THE
COMMISSIONER OF TECHNICAL EDUCATION
TELANGANA STATE:: HYDERABAD

Sub: TECHNICAL EDUCATION – Minutes of the Video Conference held on 04.01.2020 at 03.00 PM in RR District Collectorate Office, Hyderabad for Tech Fest-SRUJANA 2019-20 meeting with the Principals of Host Institutions and State Level Co-ordinators – Communicated - Reg.

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While communicating the enclosed copy of Minutes of the Video Conference held on 04.01.2020 at 03.00 PM in Ranga Reddy District Collectorate Office, Hyderabad for Tech Fest-SRUJANA 2019-20 meeting with the Principals of Host Institutions and State Level Co-ordinators, they are hereby directed to take up the follow up action and make the programme a grand success and submit compliances.

(This has the approval of CTE, Telangana)

Signature valid
Digitally signed by SWAMY AVULA
Date: 2020.01.04 16:33:39 IST
Reason: Approved
For COMMISSIONER

To,
The Principals of Host Institutions.
Copy to the Secretary, SBTET, Telangana, Hyderabad.
Minutes of the Meeting (Video Conference) for SRUJANA Tech Fest - 2019 conducted on 04.01.2020 from 03.00 PM to 05.00 PM with Principals of Host Institutions and State Level Co-Ordinators.

A Video Conference was held on 04.01.2020 from 03.00 PM to 05.00 PM at Ranga Reddy District Collectorate Office, Hyderabad for preparing an Action Plan and related issues pertaining to State Level Competitions of "SRUJANA" Tech-Fest 2019-20 Programme. The State Level Co-ordinators, Principals of Host Institutions and Senior Officers of the Department of Technical Education attended the Programme.

The following are resolved after detailed deliberations:

1. State Level competitions will be held on 29th and 30th January, 2020.

2. The Principals of Government Polytechnics concerned and Institutional co-ordinators shall oversee the transport of the students selected for State Level competitions by providing suitable transport facility.

3. The Participants shall reach their respective venues by 9.00 A.M positively on the date of State Level Competitions. The expenditure for the transport (Project model along with students) can be met from the schemes "Tech Fest and Awards" and "Industrial Visit" or "Institutional Funds".

4. The Host Principals shall make proper arrangements to the students participating in the State Level Competition. They are permitted to provide suitable Water facility and Lunch facility for student participating from various institutes by preparing food in Polytechnic attached hotels on payment @Rs 45/-per head/day.

5. The Host Principals of State Level are instructed to get the results of district level Tech Fest for state Level competitions.

6. The Principals of Host Institute are permitted to give away participation certificate to the participants other than Winners and Runners at state level by meeting expenditure from available Institutional Funds.

7. Two subject experts from University/Academia and two subject experts from industry who have not acted as Judges in previous District and Institutional level competitions shall be invited and they shall be given honorarium @ Rs.2000/- per head and lunch shall be provided by meeting the expenditure from Institutional funds.

8. The State Level co-ordinators so nominated shall assist Principals of the Host Institution/Polytechnics.
9. All Heads of sections and Institutional Co-ordinators of Host Polytechnics shall co-operate with the Host Principals for successful conduct of Tech-Fest “SRUJANA”.

10. The Host Institute Principals shall see that, the competition shall be completed at a stretch in a single day.

11. As per the request of The Principals of Host Institution to reduce the number of parameters of evaluations from 44 to 8 based on the feedback received from the Judges in the Previous SRUJANA Tech Fest 2018-2019. It is decided to reduce evaluation parameters from 44 to 8 as given below:-

<table>
<thead>
<tr>
<th>S.No</th>
<th>Institution</th>
<th>Project Title</th>
<th>Area of Engineering /Non Engineering/Interdisciplinary</th>
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<tr>
<th>S.No</th>
<th>Evaluation Parameter</th>
<th>Max. Score</th>
<th>Sub parameter</th>
<th>Max. score</th>
<th>Awarded Score</th>
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<tr>
<td>1</td>
<td>Theme/Problem Statement</td>
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<td>Theme/Statement</td>
<td>Problem</td>
<td>25</td>
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<tr>
<td>2</td>
<td>Concept</td>
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<td>Original</td>
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<td>Existing</td>
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<td>3</td>
<td>Project Relevance</td>
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<td>Current and Future</td>
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<tr>
<td>4</td>
<td>Innovation &amp; Technology</td>
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<td>Design</td>
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<td>Output</td>
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<td>Application</td>
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<td>5</td>
<td>Implementation &amp; Utility</td>
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<td>Professionalism</td>
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<td>Societal</td>
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<td>Safety &amp; Legal issues</td>
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<tr>
<td>7</td>
<td>Presentation</td>
<td>50</td>
<td>PPT, Poster &amp; Handout</td>
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<td>Fluency &amp; Language</td>
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<td>Body language</td>
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<td>8</td>
<td>Project report</td>
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<td>Constructions &amp; Results</td>
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<td>Future reference</td>
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The Weightage for Project Evaluation is 500 Marks.

12. The Host Principals shall give the time schedule of competition for each district during the State Level Competitions.

13. Every student shall participate in presentation as the “Communication Skills” is the item of evaluation.
14. The students shall be accompanied with guide. The Project team should consist of six (06) students maximum.

15. The participating students shall maintain dress code such as college uniform.

16. Principals of Host Institutes are requested to arrange Video recording of projects selected for State Level Competitions and the soft copy may be placed in the DTE website and YouTube.

Signature valid
Digitally signed by SWAMY AVULA
Date: 2020-04-15 16:34:19 IST
Reason: Approved
For COMMISSIONER
GENERAL GUIDELINES FOR EVALUATION OF SRUJANA PROJECTS

The spirit and objective of TECH-FEST Srujana is to bring out innovation and creativity in the students in the form of projects/working models which would ultimately transform into new products and become input for startups. Accordingly the guidelines for evaluation of projects have been prepared for the convenience of Judges of TECH-FEST SRUJANA.

- **Theme/Problem statement:**
  The aim or theme/Problem is well defined including the scope.

- **Concept:**
  The concept is illustrated and explained in the form of a chart or block diagram.

- **Project Relevance:**
  The choice of the problem is relevant to current situation like pollution in metros/Traffic/Computer hacking or for other situations like improving the car mileage (Past) or future problem like building a house.

- **Innovation and Technology:**
  The use of a new idea or method, (For example: Light weight material developed for rockets is used for making artificial prosthetic limbs for physically challenged: is further sub-grouped into
  (a) Design- If there is a new approach in the design.
  (b) Application- If a known principle or method is used as an innovative way in a different Application.
  (c) Output- If the project improves the output and offers more convenience.

- **Implementation:**
  Professionalism refers to using appropriate size, standards, controls, indicators, protections
  Example 1: Devices like fuses, switches in correct positions.
  Example 2: For software project the criteria should be appropriate programming methods and user interface, Robustness.

- **Safety and legal issues:**
  If safety and legal issues are taken into consideration when designing the project
  Example 1: Use of Electrical fence is illegal for household security,
  Example 2: Use of Radio Transmitters is illegal for personal Communications.

- **Presentation:**
  Judges may observe how each student greets and introduces himself and his project in about.
  - The clarity of thought and subject knowledge.
  - Fluency and Language Skills - Self explanatory
  - Body language, student confidence level, mannerism and gestures may be observed.
  - Conclusion and Question Answer Session - How student concludes.

- **Report:**
  Finally if a Project report is prepared for Abstract, Results and future reference.
  - The Abstract should contain just one page explanation about the project.

Signature valid
Digitally signed by WAMY AVULA
Date: 2020-06-15 15:35:54 IST
Reason: Approved
For Commissioner