

**GOVERNMENT OF ANDHRA PRADESH
DEPARTMENT OF TECHNICAL EDUCATION**

**OFFICE OF THE
DIRECTOR OF TECHNICAL EDUCATION
ANDHRA PRADESH :: MANGALAGIRI**

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Sub: Technical Education – Academic – Conduct of District Level and State Level POLY TECH FEST-2024 – Certain Guidelines – Issued - Regarding

Ref: 1. G.O.Rt.No.138, HE (TE) Dept., Dt: 09-07-2018.
2. Circular Memo. No. H/Techfest-MIS/2023-24, Dated 05-02-2024.
3. Cir. Memo. No. H/3307/2017/2024, of this office, dated 15/04/2024 on Academic Calendar.

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The Department of Technical Education, Andhra Pradesh, has always been dedicated to implementing the Government's policies and initiatives effectively. As part of this commitment, the Department strives to provide an effective platform for students to showcase their innovative ideas, fostering a culture of scientific inquiry and excellence.

POLY TECHFEST is the Department's flagship annual event, designed to support the 'Make in India' initiative and align with the Government's goal of empowering students with the skills to innovate and excel in science and technology. This fest gives students the opportunity to present their ideas, find creative solutions to everyday problems, and showcase their achievements in science and technology.

Since its inception in 2018, POLY TECHFEST has been instrumental in providing students across the state with a valuable opportunity to push the boundaries of scientific exploration and technological advancements. It encourages participants to explore new frontiers, innovate, and excel in their respective fields. While the fest couldn't be held in 2019, 2020, and 2021 due to the COVID-19 pandemic, the event returned in 2022 with

great success. Exhibited Projects showcased the creativity and technical skills of students from across the state, making the event a huge success. Additionally, the involvement of school students in the fest helps raise awareness about polytechnic education and encourages higher enrolment in polytechnic courses.

In light of the overwhelming success of previous years and positive impact of the Poly Techfest, the Department of Technical Education is pleased to announce that Poly Techfest 2024 will be held in December 2024. All faculty members and students are encouraged to participate enthusiastically with their innovative projects, contributing to making this year's event even more extraordinary. The success of this initiative greatly depends on the dynamic leadership and active participation of Principals of Polytechnics. Therefore, Principals of all the Government and Private Polytechnics are hereby requested to promote this event well in advance among the students and motivate both staff and students to contribute creatively. Together, let us continue our efforts to empower students, celebrate their achievements, and create a culture of innovation.

The detailed Guidelines for organizing Poly Techfest 2024 at both the Regional and State levels are outlined below:

GUIDELINES

Objectives of POLY TECH-FEST:

In line with the vision of Make in India initiative, the Fest is an endeavour:

- (a) To showcase the current Indian innovation scenario and to improve it by spreading awareness regarding the Govt., Policies, facilitating and promoting innovation and research.
- (b) To inspire students to innovate and contribute to improve the innovation culture along with promoting Make in India and Skill Andhra Pradesh campaign.

- (c) To reach out to the innovators at the grass root level.
- (d) To bridge the gap between innovation and entrepreneurship.

Expectations from the Participants of Polytechnics:

1. The project must be ingenious and novel in its area of application.
2. The project should not, by any means, be or include copied or stolen work.
3. If the ideas do not require any technological support for implementation, then the participant is not expected to bring prototype of the model in support of the idea. For example, the Odd-Even system in Delhi was an idea which doesn't require any technological implementation or advancement, but it was an idea which proved to be successful.
4. The project should address any societal or industrial problem in the provided sectors. It could be in the form of add-on or a completely new model but the overall impact of the technology should be positive.
5. The project or idea can be converted in to a commercial model in future.
6. Those which have a higher utility or problem-solving capacity are more likely to be selected.
7. Potential for becoming a business: The project is expected to have a significant potential for commercialisation.

Evaluation Committee:

1. State Level:

S No	Details	Role
1	Regional Joint Director of Technical Education of the other Region where the FEST is conducted	Chairman
2	Professors from University/ Engg. Colleges	Members

3	Industrialists nearby the Fest location	Members
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2. Regional Level Committee:

S No	Details	Role
1	Regional Joint Director of Technical Education of that Region	Chairman
2	Professor/s from the nearby University/ Eng., College/s from the District	Member/s
3	Industrialist/s within the district	Member/s

Organising Committee:

1. State Level

S No	Name	Designation
1	Sri G. Ganesh Kumar, I.A.S.	Director of Technical Education
2	Sri. V. Padma Rao	Joint Director, O/o DTE, AP, Mangalagiri
3	Sri J S N Murthy	Regional Joint Director of Tech. Education. AU Region, Kakinada
4	Sri A. Nirmal Kumar Priya	Regional Joint Director of Tech. Education SVU Region, Tirupati
5	Sri K. Vijay Bhaskar	Deputy Director (A)
6	Dr. M. A. V. Rama Krishna	Training and Placement Officer
7	Dr. B. Nageswara Rao	Deputy Director Technical (I/C)
8	Dr. K. Prakash	Officer on Special Duty

2. Regional Level:

S No	Designation	Role
1	Regional Joint Director of the concerned Region	Chairman
2	Principal of the Nodal Polytechnic	Convener
3	All the Principals (Government and Private)	Members

Instructions:

- A notification shall be given to Polytechnics regarding the POLY TECH FEST - 2024 and the principals should disseminate information about the objectives and expectations of the POLY TECH FEST - 2024 to all the students of their respective Polytechnics.
- All the Polytechnics both Government and Private shall submit their projects to the nodal Principals concerned.
- A minimum of three or four projects shall be submitted by each and every Polytechnic so that the stall of the Polytechnic at State Level does not reflect their poor performance.
- Student/s should submit a write-up in the form of a paper for the idea or project that they present so that the same may be considered for publication in the Issues of 'Journal of Polytechnics in AP' alongside with furnishing the required data in google form created for this purpose.
- Mini exhibition in any one of the Polytechnic campus at the District level shall be organised by the District Nodal Principals concerned.
- The fest should be open to all the students of the Polytechnics in the District, thereby this fest acts as a motivation for subsequent years.
- Evaluation should be done for each and every exhibit/ project and necessary changes should be suggested by the evaluators so that these project or ideas get fine-tuned for the State Level Poly Tech Fest-2024

Parameters for Evaluating Ideas / Projects:

1. **Creativity and Originality:** The idea/ project should be ingenious and novel in its area of application, with the potential to make a meaningful societal impact.
2. **Scalability:** Is the solution scalable to a higher level; how easy is it to scale up; what are the factors affecting it, etc.
3. **Robustness:** The project should be implementable, repeatable and feasible for diverse and changing conditions.
4. **Potential of Impact:** The Scale of problem it solves, Intensity of the solution and number of people benefitted from the solution directly and indirectly.
5. **Design:** The design should optimize the product.

Each of these five parameters may be rated on a scale of 1 to 10, with the cumulative score determining the overall ranking.

Presentation and Short Listing:

All the shortlisted entries will be invited to the State Level Poly Tech Fest through the Principals concerned.

Exhibition: The top projects and prototypes will be displayed in the State Level Poly Tech Fest – 2024

Terms and Conditions for Participation:

1. The decision of the Jury shall be final and binding. All participants have to abide by the decision of the jury. No interim or later communication with regard to the decision or its veracity shall be entertained and if done, shall be viewed seriously.
2. Violation of any rules may result in disqualification of the team.
3. POLY TECH FEST chairman holds all the rights to change the dates for the submission of projects, organization of events and the participants will be informed about the same through Principals concerned. Only those teams that are shortlisted and presented

their work in the State Level Fest will be awarded a Certificate of Participation. The top entries from this event would be provided with Certificate of Excellence.

4. Each Polytechnic can send 3 to 4 projects for the District and State Level exhibition.
5. The best Project identified by the jury regardless of branch/ stream/ idea will be awarded a prize money of Rs. 1,00,000/-, similarly for the second winner Rs. 50,000/- will be awarded and consolation award(s) of Rs. 25,000/- will be given to the best projects identified in each branch on the **discretion of the chairman**, on the final day of the POLY TECH FEST.
6. Team Specifications: a team can comprise a maximum of 4 [four] students. If the participating team feels that their idea requires more participants in their team, they can forward their request, with suitable reasons to the Nodal Principals of the District/ Region concerned.
7. All the participants should attend with their own necessary equipment.
8. All the participating students should carry their institution's identity card, else they will not be allowed to participate in the Fest.
9. All the Polytechnics who are willing to participate in the POLY TECH FEST, have to submit the abstract of their projects by 23rd November 2024.
10. A staff member of the concerned Polytechnic must accompany the students and a lady staff member should also accompany with the team if there is any girl student(s) participating.
11. Misbehaviour of any kind by any participant will be viewed seriously and disciplinary action will be initiated and the project of that Polytechnic shall be treated as disqualified.
12. The principals are requested to take the indemnity bond from all the participants of their respective Polytechnic and a copy of the

indemnity bond shall be submitted at the time of reporting at the venue.

13. There shall be a committee for finalising the appeals. The concerned Regional Joint Director of Technical Education where the FEST is conducted heads the committee and other members will be nominated by the Regional Joint Director.
14. All participants should report one day before at the venue for making necessary preparations at allotted stall.
15. The participation in the Poly Tech Fest is limited to the students studying the Polytechnics of Andhra Pradesh state only.
16. The projects presented at District level alone shall be considered for participation at the State Level. The list of projects submitted by the concerned District Co-ordinator through respective Regional Joint Director alone will be considered at State Level.
17. Participation certificates will be given to all the participants.
18. As part of the FEST, cultural events can be presented in the evenings at the State Level Fest.

TENTATIVE SCHEDULE of the POLY TECH FEST - 2024:

Regional Level: **02.12.2024 to 07.12.2024** (any 2 days as per the convenience of the Regional Joint Directors of the concerned Regions and the District/Regional Co-ordinators)

State Level: **18.12.2024 to 20.12.2024** (3 days)

In view of the above, the Regional Joint Directors of Technical Education are requested to conduct the meetings with the principals (Government and Private) and fix the dates and venue for the district level POLY TECH FEST.

At the end of each District level Fest, the participants may be advised to improve and update their project as per the objectives of the POLY TECH FEST before participating in the State Level Tech Fest.

Lodging and Boarding:

Free unfurnished accommodation will be provided to all the participants on their request at the nearby Polytechnic(s) to the Venue. Arrangements for boarding shall be made on advance intimation to the Convening Principal. Rs 175/- (Rupees One Hundred and seventy-five Only) per day per candidate shall be charged for boarding and lodging (Rs 150/- for Boarding expenses i.e., break-fast, lunch, dinner and Rs 25/- for other arrangements such as maintenance of toilets, cleaning of rooms etc). TA and DA for the staff members accompanying the participants shall be met from the institutional funds as per rules in vogue.

Finance:

- Each of the Polytechnic/ Institution including Private and Aided Polytechnics/ Institutions have to send an amount Rs 50/- (Rupees fifty Only) per student for the entire strength of the institution (subject to a minimum of Rs. 7,500/-), in the form of demand draft/ Account Transfer, in favour of "Director of Technical Education, Vijayawada".
- The participating Polytechnic/ Institution shall meet the expenditure from the student Association fund/ Workshop Materials/ Course fund already collected from the students in connection with the participation in District and State Level POLY TECH FEST.
- In case such budget is insufficient the principals are permitted to utilise the amounts available in IRG/ accumulated non-Government funds of the Institution with prior permission from the Director of Technical Education at least 7 days prior to the commencement of the event.

- The funds received from all the institutions shall be distributed in 75:25 ratios to host the Fest at State and District Levels respectively.
- The principals are requested to issue Railway/ RTC concession forms for the participating students.
- Advertisements at the State Level will be allowed and the rates for placing the advertisements will be decided by the State Level Committee.
- The principals of all the Polytechnics are requested to give wide publicity and see that the industries, institutions etc will post their advertisements in the exhibition.

Award of Certificates and Mementoes:

Certificates and mementoes shall be issued to the winners of State Level POLY TECH FEST and other guests.

And most importantly, all project ideas will be scrutinised and evaluated by AP Innovation Society, Andhra Pradesh. The ideas that the society deems fit for incubation and later commercialisation may be selected by them only.

**Sd/-G.GANESH KUMAR
DIRECTOR**


DEPUTY DIRECTOR (A)