

GOVERNMENT OF ANDHRA PRADESH  
DEPARTMENT OF TECHNICAL EDUCATION

Office of the Special Commissioner  
Department of Technical Education  
Andhra Pradesh::VIJAYAWADA

Cir. No.01/Poly Tech Fest 2017-2018/2017

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The Department of Technical Education, Andhra Pradesh, always strives for improve the quality of education in the Polytechnics under its control.

In line with the vision of 'Make in India' initiative and to make it a reality, the Government of the Sunrise State of Andhra Pradesh wishes to empower the students with a scientific temperament and innovative spirit to address societal problems. And in this regard, the Department has proposed to conduct a State Level Tech-Fest 'Poly Tech - Fest 2017 -018' in the first week of December 2017, the details of which are attached as an enclosure. Subsequently this will become an annual event, thus instilling among the students that science and technology can provide solutions to our day to day living.

Any endeavour of the Department can be successful only with the dynamic leadership and active involvement of all the Principals of Polytechnics (Government, Private, Aided). Hence, all the Principals are hereby instructed to publicize this event among the students and instruct the staff under their control to motivate students to submit their innovative contributions that may have the potential of providing solutions to problems that society faces today. In this regard, it is requested that each Polytechnic submit at least 4 Projects for the event.

The Principals are further instructed to submit filled in Proforma by August 15<sup>th</sup> 2017 stating the title of the proposed project or model or idea to their respective District Nodal Principals for further necessary action so that the District level Fest can be conducted by the Nodal Principals in the last week of August. The Nodal Principals lists is enclosed in the annexure. This will give the lecturers and students to have sufficient time to work on their project and submit the same first at District level and later at State Level Fest.

Sd/- G. S. PANDA DAS  
Special COMMISSIONER

*Ramini*  
For Special COMMISSIONER  
17/07/17

*17/7/17*

GOVERNMENT OF ANDHRA PRADESH  
DEPARTMENT OF TECHNICAL EDUCATION

Guide lines for POLY TECH - FEST of Polytechnics – 2017-18

POLY TECH - FEST will be the annual Science and Technology festival for all Polytechnics of Andhra Pradesh. The Department of Technical Education has initiated this event with the aim of providing a platform for the Polytechnic student community to develop their scientific thinking and to showcase their innovative spirit. This is an opportunity for 'a student connect' from various Polytechnics from all over Andhra Pradesh wherein they can be made aware of technical solutions to everyday problems. Further this is opportunity to develop interpersonal and management skills.

The Fest may include conduct of talks on technology and its applications, presentation of innovative ideas and projects cultural events etc.

### **Objectives of POLY TECH-FEST**

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

- to showcase the current Indian innovation scenario and to improve it by spreading awareness regarding the Govt. Policies facilitating and promoting innovation and research
- to inspire students to innovate and contribute to improve the innovation culture in India along with promoting Make In India and Skill Andhra Pradesh campaign.
- to reach out to the innovators at the grass root level
- to bridge the gap between innovation and entrepreneurship

### **Expectations from Participants from the Polytechnics:**

#### **Students can present projects and posters displaying their ideas**

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 should have a significant potential for commercialisation.

**Evaluation Committee:**1. State Level:

S No	Details	Remarks
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	Member

2. District Level Committee:

S No	Details	Remarks
1	Regional Joint Director of Technical Education of that Region	Chairman
2	Professor/s from the nearby University / Engg. 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 S Panda Das, IAS	Special Commissioner of Technical Education
2	Smt K Sandhya Rani	Joint Director i/c, O/o CTE, AP, Vijayawada
3	Sri B Suryudu	Regional Joint Director of Tech. Edn. (SVU Region)
4	Sri J S N Murthy	Regional Joint Director of Tech. Edn. (AU Region)
5	Sri A Nirmal Kumar Priya	Secretary, SBTET, AP, Vijayawada
6	Sri V S Dutt	Deputy Director (A)
7	Sri S P Srikanth	Deputy Director (Tech)
8	Sri G M C Kesava Rao	Training and Placement Officer
9	Dr B Sai Lakshmi	Development Officer
10	Sri M Sesha Giri Rao	Principal, GPW, Guntur
11	Sri D Phaneendra Prasad	Principal, Government Polytechnic Visakhapatnam

2. District Level:

S No	Designation	Remarks
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-2017 and the Principals should disseminate information about the objectives and expectations of the POLYTECH FEST – 2017 to all the students of their respective Polytechnics.
- All the Polytechnics (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'.
- Mini exhibition in any one of the Polytechnics 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 so that this 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-AP-2017.

**Parameters for Evaluating Ideas / Projects:**

1. Creativity and Originality: The idea/ project must be ingenious and novel in its area of application and should have a potential for leaving an impact on the society.
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 the above five parameters may be marked on a scale of 1 to 10 and the total of these may be considered for ranking.

**Presentation and Short Listing:**

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

**Exhibition:** The top projects and prototypes will be displayed in the Poly Tech Fest – 2017

**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 holds all the rights to change the dates for the submission and the participants will be informed about the same through Principals concerned. Only those teams that are shortlisted and give a presentation about 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. Top 10 best Projects regardless of branch of idea/project identified by the jury will be awarded prizes 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 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 end of August 2017 so that the students can concentrate on their semester examinations and the Fest will be conducted during the second week of December 2017.
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 are any girl students 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 in their stall.
15. The participation in the Poly Tech Fest is limited to the students studying the Polytechnics of AP 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.

**SCHEDULE of the POLY TECH FEST:**

District Level - Between 20<sup>th</sup> Aug 2017 to 30<sup>th</sup> Aug 2017 (any Two days as per the convenience of the Regional Joint Directors of the concerned Regions and the District Co-ordinators)

State Level - 14<sup>th</sup> Dec'2017 to 16<sup>th</sup> Dec'2017 (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 Polytechnic / Institute near the Venue. Arrangements for boarding shall be made on advance intimation to the Convening Principal. Rs 150/- (Rupees One Hundred and Fifty Only) per day per candidate shall be charged for boarding and lodging (Rs 125/- 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 30/- (Rupees Thirty Only) per student for the entire strength of the institution (subject to a minimum of Rs 4500/-, if the strength of the institution is less than 150) from the student Association fund/Workshop Materials/Course fund already collected, in the form of demand draft, in favour of "The Regional Joint Director of Technical Education, Kakinada / Tirupathi" on or before 15<sup>th</sup> Aug'2017 towards the expenditure for conducting the POLY TECH FEST.
- 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 Commissioner of Technical Education.
- The funds received from all the institutions by the respective Regional Joint Directors shall be distributed in 75: 25 ratio to the 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:**

The Polytechnic conducting State Level POLY TECH FEST shall issue certificates, mementoes etc to the top 10 prize winners and other guests. In case of any tie for the 10<sup>th</sup> place the prize will be divided between the two competitors.

A Rolling shield shall also be issued to the Best Project. The Rolling shield shall be kept under the custody of the Principal of the Winning team and it should be handed over to the institution where next year's POLY TECH FEST is conducted.

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

Sd/- G. S. PANDA DAS  
Special COMMISSIONER

  
For Special COMMISSIONER

**GOVERNMENT OF ANDHRA PRADESH  
DEPARTMENT OF TECHNICAL EDUCATION  
POLY TECH-FEST - 2017**

**List of District Nodal Officers for conducting the District Level POLY TECH-FEST**

SL No	DISTRICT	CODE	NAME & ADDRESS OF GOVT POLYTECHNIC	Name of the Principal (Regu. / FAC)	CELL No	E - Mail ID's
1	SRIKAKULAM	088	Government Polytechnic Srikakulam	T.V.Rajasekhar (FAC)	9912342008	<a href="mailto:gptsrikakulam@gmail.com">gptsrikakulam@gmail.com</a>
2	VIZIANAGARAM	038	M.R.A.G.R.Government Polytechnic Phoolbagh Vizianagaram - 535 002	Sri William Carry (Regu)	9912342038	<a href="mailto:mrarggptvzm@yahoo.co.in">mrarggptvzm@yahoo.co.in</a>
3	VISHAKAPATNAM	009	Government Polytechnic Kancharapalem NH-5 Visakhapatnam - 530 007	Sri Panindra Prasad (Regu)	9912342009	<a href="mailto:gptvsp009@gmail.com">gptvsp009@gmail.com</a>
4	EAST GODAVARI	010	Andhra Polytechnic Kakinada - 533 002	Sri K.S.Vara Prasad (Regu)	9912342010	<a href="mailto:principal_apt@yahoo.co.in">principal_apt@yahoo.co.in</a>
5	WEST GODAVARI	162	Government Polytechnic Jangaredygudem	Sri P.Srinivasu (Regu)	9010222162	<a href="mailto:gptjrgm162@gmail.com">gptjrgm162@gmail.com</a>
6	KRISHNA	013	Government Polytechnic Near Benz Circle NH-5 Vijayawada - 520 008	Sri V.S.Chalapathi Rao (Regu)	9912342013	<a href="mailto:gptvja@gmail.com">gptvja@gmail.com</a>
7	GUNTUR	014	M.B.T.S.Government Polytechnic Nallapadu Guntur - 522 005	Sri Y. Siva Ramaiah (Regu)	9912342014	<a href="mailto:gpt014@gmail.com">gpt014@gmail.com</a>
8	NELLORE	016	Government Polytechnic Nellore - 524 005	Sri Y. Ram Mohana Rao (Regu)	9912342016	<a href="mailto:gpnlr016@gmail.com">gpnlr016@gmail.com</a>
9	PRAKASAM	039	Damancharla Anjaneyulu Government Polytechnic Ongole - 523 001 Prakasam Dt	Sri Z. Ramesh babu (Regu)	9912342039	<a href="mailto:dagp039@gmail.com">dagp039@gmail.com</a>
10	ANANTAPUR	020	Government Polytechnic Ananthapur - 515 002	Dr C.Kesava Chandra rao (Regu)	9912342020	<a href="mailto:gpt020@gmail.com">gpt020@gmail.com</a>
11	CHITTOOR	018	Sri Venkateswara Government Polytechnic Tirupathi - 517 507.Chittoor Dist	Sri K. Venkata rami Reddy (FAC)	9912342018	<a href="mailto:svgp018@gmail.com">svgp018@gmail.com</a>
12	YSR KADAPA	057	Government Polytechnic for Women Kadapa - 516 001	Sri P.K. Prakash Reddy (Regu)	9912342057	<a href="mailto:gpwkdp057@gmail.com">gpwkdp057@gmail.com</a>
13	KURNOOL	055	Sri G.Pulla Reddy Government Polytechnic B. Thandrapadu(V) Kurnool - 518 004	Sri Tiupathi Reddy (FAC)	9912342055	<a href="mailto:sgprgptknl@rediffmail.com">sgprgptknl@rediffmail.com</a>

Sd/- G.S.PANDA DAS  
COMMISSIONER

*Ramini*  
For COMMISSIONER  
*R*  
19/11/17