

Greetings from APITA!!!

We are happy to inform you that APITA & IIDT are jointly conducting an "Electrothon" from **5th March to 13th March 2018**. It is a two level competition.

First, it will be conducted at the zonal level:

S.No.	Zone	Venues - Participating Districts	Date
1	Zone - 1	Vizag, - Srikakulam, Vijayanagaram, Vizag	7/3/2018
2	Zone - 2	JNTU Kakinada - West Godavari & East Godavari	7/3/2018
3	Zone - 3	ANU, Guntur - Kristna, Guntur Prakasam	5/3/2018
4	Zone - 4	SV College of eng, Tirupathi - Nellore & Chittoor	8/3/2018
5	Zone - 5	PVKK, Anantapur - Anantapur, Kadapa & Karnool	8/3/2018

Participate in the State Level competition on **12th and 13th March 2018**.

Kindly encourage your engineering (Any branch, any year) students to register for Electrothon online through

<https://www.apelectrothon.com/>

Electrothon dates:-

Final Hackathon : **Mar 12-13, 2018**

Final result & Valedictory : **Mar-14 2018**

More details are attached regarding Electrothon.

Cash-prizes will be awarded as follows:

Position	State-level award	Zonal-level award
First Place	Rs. 1,50,000	Rs. 10,000 to each team for max. 40 teams from 5 zones
Second Place	Rs. 1,00,000	
Third Place	Rs. 50,000	

Kindly contact the following people for any help needed:

P.B.Srinivasaraju : 8886892020 : Email: pbsrajumca@gmail.com

Eligibility Criteria for students:

Engineering Students of any year and from any branch are eligible to participate and each team should contain a minimum of 2 and a maximum of 4 students.

Students should work on 34 identified problems and more details can be found in the attachments & website portal.

Let them make use of this great opportunity and make it a grand success.

Further details you can check the trail mail & attachments.

Note: Students participating in this Electrothon will be eligible for attending drives which are to be scheduled between 14th-16th March at Visakhapatnam.

Participation certificates will also be issued participants.

ELECTROTHON

Make in A.P, For A.P

APITA and IITD aim to promote core electronics and system level knowledge among the youth of Andhra Pradesh. We believe that required talent for the said purpose is uncovered when aspirants are exposed to today's industry-grade problems. In this context, we would like to invite engineering students in colleges registered with APITA state-wide, and challenge them to solve the problems faced by the people in Andhra Pradesh in various districts, which are identified by our core team. Striving towards a safe and better society as part of **ELECTROTHON** "Make in AP – For AP". For every capable hardware-solution, thousands of lives are touched and reformed.

Eligibility:

- 1) Student of any year from any branch (E.C.E, E.E.E, C.S.E, Mech etc.) from engineering college.
- 2) Inter-disciplinary students are preferred in one batch (ECE, EEE, CSE, Mech, Instrumentation etc...)

Plan of Action:

- 1) Register at <https://www.apelectrothon.com/>
- 2) The participants will be divided into a batch of maximum 4 members and minimum of 2 members.
- 3) Every batch attending the Electrothon must register for the same using the form posted on the website. However, each batch can register only for one problem and each problem can be addressed by a maximum of ten batches.
- 4) An individual from each batch should be identified as a team-leader, as per the mutual agreement among the team members.
- 5) Upon successful registration, an email will be sent to the registered users, confirming the same along with a document containing a unique registration number. The batch is required to produce this document at the time of attending the event.

Zone-1 : Srikakulam, Vizianagaram, Vizag districts

Zone -2 : East Godavari, West Godavari districts

Zone-3: Krishna, Guntur, Prakasam districts

Zone-4 : Nellore, Chittoor districts

Zone-5 : Anantapur, Kadapa, Kurnool districts

Evaluation 1 (Zonal-Level): March 3, 2018

- 1) The selected batches are required to attend a competition at their zonal center. Here, they are required to present a working prototype of their proposed solution. All the work must be done by the participants within the workspace. No pre-assembled components is/are allowed into the workspace. No code must be dumped into hardware micro-controllers like Arduino or raspberry-pi before the commencement of the event. Participants who require computers for their projects must make their own arrangements along with the softwares required. Workspaces will be provided by the zonal-center.
- 2) Later, the best prototypes will be selected by a panel of experts from industry (AMD, REDPINE, QUALCOM etc...) in each zonal, respectively. These batches will be qualified to attend the state-level.
- 3) The winners of this level will be awarded a cash-prize which will be handed to the winner on the final day of the event (**March 14th, 2018**).

Evaluation 2 (State-Level): March 12th, 13th, 14th

- 1) Based on the performance in above evaluation, the batches are filtered on the basis of the presented prototype.
- 2) The Electrothon committee will create four different themes which will be displayed on the website. The selected students need to register for the same on **March 5th, 2018**. Each theme can be selected by a maximum of 10 batches (zonal-winners).
- 3) Upon successful registration, we will send an email to the registered users, confirming the same along with a document containing a unique registration number.
- 4) This level takes place at state-center. They are required to design a hardware-based solution within three days and resources will be provided at the venue.
- 5) All the work must be done by the participants within the workspace. No pre-assembled components is/are allowed into the workspace. No code must be dumped into hardware micro-controllers like Arduino or raspberry-pi before the commencement of the event. Workspaces and basic components required will be provided to the participants, for the 3 days.
- 6) The final evaluation will take place from **5:00PM of March 13th, 2018** and the results will be declared on **March 14th, 2018**.
- 7) The cash-prizes will be awarded as follows:

Position	State-level award	Zonal-level award
-----------------	--------------------------	--------------------------

First Place	Rs. 1,50,000	Rs. 10,000 to each team for max. 40 teams from 5 zones
Second Place	Rs. 1,00,000	
Third Place	Rs. 50,000	

ELECTROTHON

Make in A.P, For A.P

Criteria to be fulfilled by zonal center & state center to conduct ELECTROTHON organized by APITA and IIDT

Zonal Center: (March 3rd, 2018)

1. The organization should be a registered member with APITA.
2. Organization should be easily accessible to the participants from all the districts in the zone preferably located in center of the zone.
3. Organization should contain a well equipped labs and infrastructure to conduct hardware Electrothon.
4. Organization should contain Suitable seminar halls to conduct discussion and knowledge transfer from industrial resource persons with the participants.

.....

State Center: (March 12th,13th,14th, 2018)

1. The organization should be a registered member with APITA.
2. Organization should be easily accessible to the participants from all the districts of A.P preferably located at center of the state.
3. Organization should contain hostel facility to provide hospitality to more than 50 groups of participants.(boys/girls)
4. Organization should contain a well equipped labs and infrastructure to conduct hardware Electrothon
5. Organization should contain Suitable seminar halls to conduct Mentor Talks for knowledge transfer from industrial resource persons with the participant.