**TalenTon**

***eCoder***

**Introduction:**

Programming is must for every Electronics Engineering field except hardware design field. But knowing programming will really help the hardware engineer to do better hardware design. When it comes to embedded system design and all they are mostly coded in languages like 'C' so a good exposure to programming logic and algorithm will help an Electronics student to code embedded systems. Every Electronics engineer must master C programming skill before completing the degree, and to help you in this, ELESA is here with event eCder

The eCoder is a ‘C’ language programming event and will be organised for both novice and experts. Participants can participate in any of the category depending on their knowledge. By participating in this event novice will be able to learn the basic of C programming, our main focus in this event is to cover basic topics that are required for programming microcontroller. Experts will be able to brush up the concept of C language and will help them to prepare for aptitude test for placement.

**Description:**

The event will take place in 4 rounds.

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| **Round** | **Novice** | **Experts** |
| First | Getting Started with C | Problem statements |
| Second | The Decision, loop and case Control Structure |
| Third | Array and String |
| Fourth | Functions & Pointers |

Rules:

1. At the start of each round you will get related study material, rulebook and task/problem statement/assignment.

2. The submission dates will be conveyed at the start of respective round.

3. The surprise round will be conducted anytime during ev

3. To participate in further round, task submission is mandatory.

4. You will be awarded with points in each round based on your task submission.

5. Delayed submission of task will incur penalty.

Notes:

1. In case of any dispute, decision of Organizing committee will be final.

2. Any changes in the rules will be notified to you.