Best Practice 3:

LOGICA : A Coding Competition

Objectives:

Logica is a coding competition based on C, C++ and JAVA Programming. Coding competitions are an important platform for programmers to showcase their skills and improve their coding abilities. These competitions provide a challenging environment where participants can solve complex problems within a given time limit. By participating in coding competitions, programmers can improve their problem-solving skills, programming proficiency, and familiarity with programming languages and tools.

Apart from that, coding competitions can be a fun way to challenge oneself and push personal limits. Participants can compete against others or against their own personal best. Participating in coding competitions can help build a portfolio of projects and solutions. Moreover, coding competitions can provide networking opportunities, allowing participants to meet other programmers, potential collaborators, and even future employers.

Context:

SIMCA wants their students to enhance their coding abilities on their own, so we always try to create such an environment by conducting Logica events every year. As the whole event involves 3 rounds. Students from all around India are welcome to attend the 1-day Coding competition. The participants' technical and coding skills will be put to the test in this, one of the biggest coding competitions.

The Practice:

The students of various technical institutes participate in groups. In each group there are 2 students. Coding Competition has Three rounds Online Elimination, Blind Coding and Final Coding.

ONLINE ELIMINATION ROUND –

- Each participants would be given a set of question paper containing 25 multiple choice objective type questions
- Time limit - 15 minutes

- Only first 50 participants would be selected for BLIND CODING ROUND which will be conducted in OFFLINE mode.
- In case of tie between 2 or more participants, further 5 questions would be asked for final selection.

OFFLINE ROUNDS – BLIND CODING ROUND:

- 3 questions would be given to solve in Blind Mode (Monitor status – OFF) using JAVA or JAVASCRIPT.
- Only the first 25 participants would be selected for the FINAL CODING ROUND.
- In case of tie between 2 or more participants, your approach regarding solving problems will be checked.

FINAL CODING ROUND

- 3 questions would be given to solve using JAVA or JAVASCRIPT.
- Three winners would be selected.

SURPRISE ROUND IN CASE OF TIE IN THE FINAL ROUND

Evidence of success:

Our Alumni in every Alumni Meet share their experience about their coding ability in which they never fail to mention the LOGICA event which gave them an exposure to developing coding skills required as per IT companies need. IT companies have also appreciated these activities in their coding skill enhancing. The students have also mentioned how excited they were for this coding competition.

Problems encountered and resources required:

- Time allotted to students is less. They find it very challenging to manage the strategy, execution.
- It is difficult to get the corporate people as judges as they have to spend a lot of time (whole day) with the students.
- Increasing industry involvement in Logica events.

Sinhgad Technical Education Society's

Sinhgad Institute of Management and Computer Application (MCA), Narhe

Logica 2022

On

24th July 2022

Event Report

Sinhgad Institute of Management and Computer Application (MCA), Narhe had organized the National Level Competitions "**LOGICA 2022**" on 24th July 2022 in association with Indian Society for Technical Education, Society for data Science (S4DS) and Digital task force.

The **objective of this event to groom the coding and cyber security oriented knowledge among the students. S**tudents from various institute from pune and outside Pune has participated,

This event is classified in two mode first is Online which was held on 15 July and second is conducted on 24th July 2022 which is conducted physically at Sinhgad Institute of Management and Computer Applications(SIMCA) , Narhe, Pune .

The inauguration of the event is done by playing national anthem followed by lightning the lamp and felicitation of guests. **Dr. Vilas D. Nandavadekar Director – MCA, SIMCA has** delivered **welcome address**. He briefed about SIMCA and also focused on the motive and objectives behind such an events.
Mr. Ssantosh Godase, Senior Lead Consultant SAAMA, IBM Pune has shared his thoughts about the database management, bid data and Query processing.

In the afternoon session Mr. Rohan Nyadhish , CEO Digital task Force , Adv. Sejal Raut , Mr. Paranv Satpute , Mr. Abhijjet Dhule and Ankita Salunkhe has shared their views about Digital task Force.

We have blessed with Mr. Abhinadan Patil , Director Variman Technologies Pune as a chief guest. Sir has shared his views about the business domain, experience and various challenges in IT industry.

Followed by Mr. Abhinandan Patil sirs session the Winners of LOGICA Competition where declared and appreciated with trophy and Certificate.

The List of Winners is as follows:

Coding Competition:

1) Modak Aaaksh Sankar
2) Shubham Sanjay Sonar
3) Sandesh Jitendra Dhande

Cyber security:

1) Honey Pot Team : Dahnraj Kambale and Sambhaji Sadanade
2) Cybetext Team : Saurabh Doshi and Ashwini Ingale
3) Antivirus Team : Keshav Pathak and Shardha Patare

Logica Banner:

NAAC 'A' Grade

Digital Task Force

Sinhgad Technical Education Society's

SINHGAD INSTITUTE OF MANAGEMENT AND COMPUTER APPLICATION, (SIMCA), PUNE – 411041

(Affiliated to Savitribai Phule Pune University, Approved by AICTE & Accredited by NAAC 'A' Grade)

LOGICA 2022

"National Level Competitions"

15 July & 24 July 2022

In Association with Indian Society for Technical Education, Society for Data Science (S4DS) and Digital Task Force

for Under Graduate and Post Graduate Students of Computer Science and Application

Track 1 : Coding Competition Based on JAVA or JAVASCRIPT

ONLINE ELIMINATION ROUND : Friday, 15/07/2022, 10:00 AM
BLIND CODING ROUND : 24/07/2022, 10:00 AM
FINAL ROUND : 24/07/2022, 02:00 PM

Registration Fees : 50/- per participants

Scan me for more Details

Track 2 : Cyber Security Quiz Competition

ONLINE ELIMINATION ROUND : Friday, 15/07/2022, 10:00 AM
FINAL ROUND STAGE ROUND : 24/07/2022, 02:00 PM

Team Size : 2 Members
Registration Fees : 100/- per Team

Scan me for Registration

Faculty Co-ordinator :
Dr. Poonam Sawant (9604160594)
Prof. Yogesh Sharma (9763164509)

Convener:
Dr. Vilas Nandavadekar
Director, SIMCA - MCA

Student Co-ordinator:
Mr. Soham Mahapatra (8401476938)
Mr. Mihir Limje (9112494348)
Ms. Sanskruti Gosake (7028457369)
Ms. Abhilasha Pewekar (9373065434)
Mr. Sahil Raj (8210431648)
Ms. Bhavna Rane (9512805414)

Sinhgad Institute of Management & Computer Application ★ SIMCA Pune

The Glims of event are as follows:

Shrikrupa Institute of Management & Computer Application
SIMCA
Pune

Shot on OnePlus
By SHUBHAM_8756

Shot on OnePlus
By SHUBHAM_8756