

# STATE COMPUTER FAIR 2010-2011

Organized by: **Department of Information Technology,  
Government of Manipur**

## EVENT: SOFTWARE DEVELOPMENT COMPETITION

### Category A:(XI & XII)

**Problem 1:** Programme to find your Day of Birth given Date of Birth (C++)

**Example:** Input : **20<sup>th</sup> June 1950/20-06-1950**  
Output: **Tuesday**

**Problem 2:** Programme to put some text in an image (C)

**Problem 3:** Programme to find no. of Bytes in a text file (C++ or C)

**Example:** Input : **Any Text File of 76 bytes**  
Output: **76**

### Category B:(IX & X)

**Problem 1:** Calculator - A division, multiplication, adding, subtracting program (C++)

**Example:** Input: **10,2**  
Output: **5, 20, 12, 8**

**Problem 2:** Convert a number into words (C++)

**Example:** Input: **121**  
Output: ***One hundred and twenty one***

**Problem 3:** To find if the given number is an Armstrong number or not (C).

**Example:** Input: **371**  
Output:  **$3^3+7^3+1^3 = 371$**

# **STATE COMPUTER FAIR 2010-11**

**Organised by:** Department of Information Technology, Govt. of Manipur

**Venue:** Catholic School Canchipur, Imphal

## **Topics for Extempore:**

- 1. Internet**
- 2. Website**
- 3. Net work**
- 4. Hacking**
- 5. Online Games**
- 6. E-waste**
- 7. Super computer**
- 8. Facebook**
- 9. Central Processing Unit**
- 10. Data Base**