



"Techno-Social Excellence"
Marathwada Mitra Mandal's
INSTITUTE OF TECHNOLOGY (MMIT)
Lohgaon Pune 411 047



Date: 28/09/2019

**Report on "CODE-EVE 2k19" Technical Event
Organized by Computer Engineering Department, MMIT, Pune**

**"The ultimate promise of technology is to make us master of a world
that we command by the push of a button."**

Department of Computer Engineering, Marathwada Mitra Mandal's Institute of Technology (MMIT), Lohgaon, Pune has organized **"CODE-EVE 2k19" Technical Event** for Computer Engineering students on dated 28th Sept 2019.

Details are as follows:

Time : 10:00 AM to 4:00 PM

Date : 28th September, 2019 (Saturday)

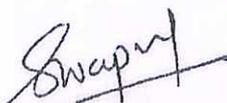
Venue : Department of Computer Engineering , Marathwada Mitra Mandal's

Institute of Technology, (MMIT), Lohgaon, Pune

Coordinator: Mr. Swapnil S. Chaudhari

"CODE-EVE 2k19" Technical Event is started by registration of candidates. After that coordinator shared the information about "CODE-EVE 2k19", Introduction to technical event, Rules and regulations, problem statements and timing. After this Student performed the coding and illustrated to the coordinator.

Total registered students are 11.


Coordinator
Prof. S. S. Chaudhari




HOD
Prof. S. G. Rathod

HOD
Computer Engg.
Marathwada Mitra Mandal's
Institute of Technology (MMIT)
Lohgaon, Pune - 411 047
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Glimpses of the Technical Event



Students Solving Problem Statements

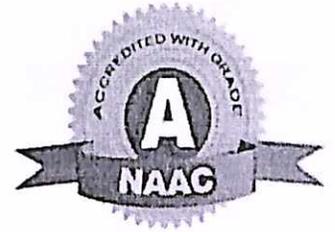


Students Solving Problem Statements and showing to student Coordinator

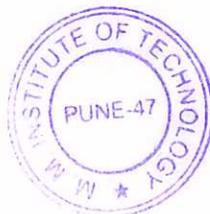
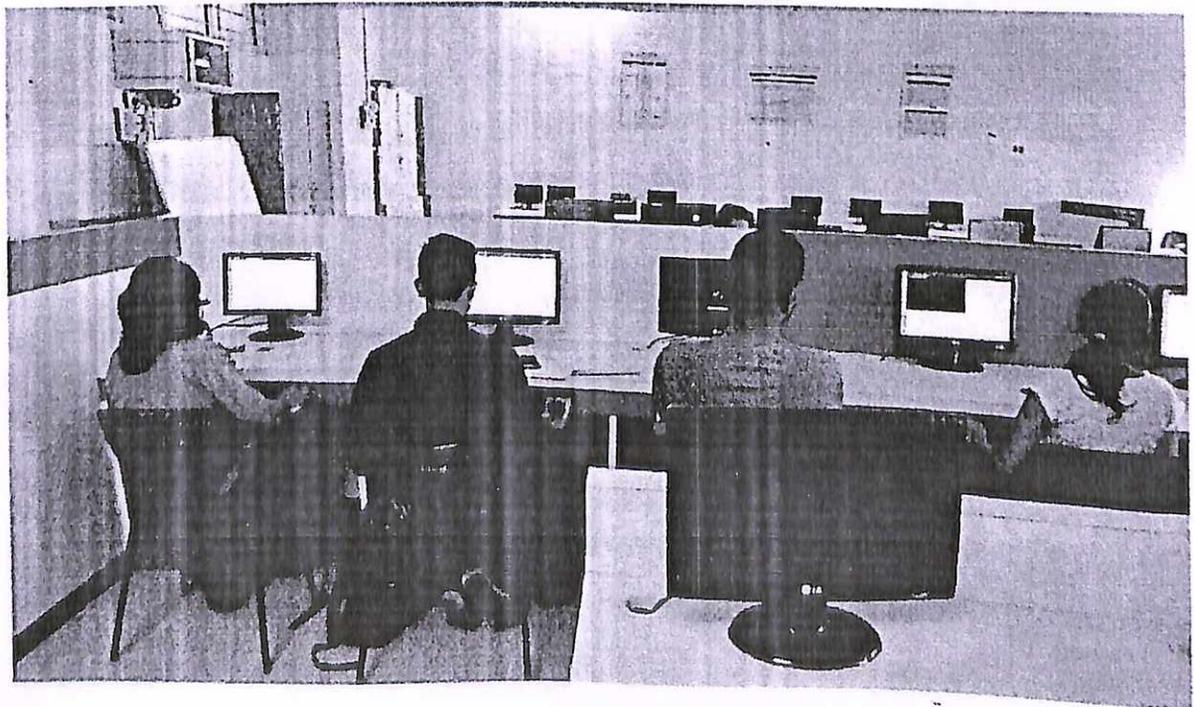




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Students Solving Problem Statements and showing to student Coordinator





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CODE EVE 2k19 Poster



Marathwada Mitra Mandals
INSTITUTE OF TECHNOLOGY (MMIT)

Lohgaon, Pune-47

NAAC Accredited with 'A' Grade

Department of Computer Engineering
Presents

CODE-EVE 2K19

28 Sept, 10 AM to 4 PM

MMIT, Lohgaon, Pune

**C++, JAVA &
PYTHON**

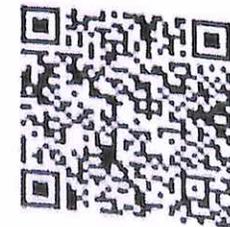
(Choose any one)

Registration fees:100/-

Coordinator:Viraj Jallapelli

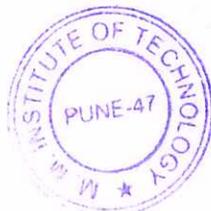
Mob: 9359192149

SCAN ME



For Registration Scan this QR Code

28 Sept, 10 AM to 4 PM MMIT, Lohgaon, Pune





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Certificate given to students

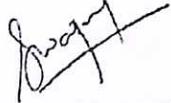
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Lohgaon, Pune 47

Certificate of Excellence

This is presented to

KARAN ROKADE

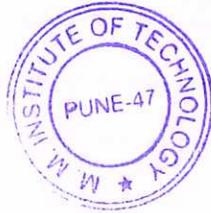
for being participated in **CODE-EVE 2k19** held at
Marathwada Mitra Mandal's Institute of Technology (MMIT),
Lohgaon, Pune on 28th Sept 2019.



PROF. SWAPNIL
CHAUDHARI
Coordinator



PROF. SUBHASH
RATHOD
HOD Comp Dept.





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INSTITUTE OF TECHNOLOGY (MMIT)



Lohgaon, Pune - 411047

"Towards Ubiquitous Computing Technology"

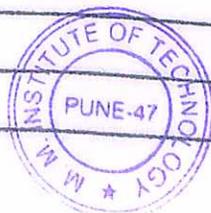
Department of Computer Engineering

Event: CODE-EVE 2k19

Registration of student

Date: 28/09/2019

Sr. No	Name of the Student	Sign
1	Rushikesh Hanamant Deshmukh	
2	Shreyas Mahale	
3	Karan Rokade	
4	Vishakha Jadhav	
5	Kajal Gaikwad	
6	Manjusha Ghanwat	
7	Pratiksya Ghorpade	
8	Mayurabh Arvind Gujar	
9	Dongare Vaibhav ChandraKant	
10	Shaikh Umar Abdul	
11	Vijay Jagale	
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CODE EVE 2k19

program to print all subsequences of a String

Description: Solution to print all the subsequences of a string using C++ program.

Problem statement:

Write a program that accepts input from user and print all the subsequences of that string.

Example:

```
Input: abcd
Output: : a ab abcabcdabcd ac acd ad b bcabcd bd c cd d
```

Pair wise swap elements in a linked list using C++ program

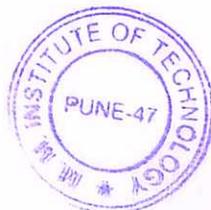
Given a singly linked list, write a function to swap elements pairwise.

Explanation and example:

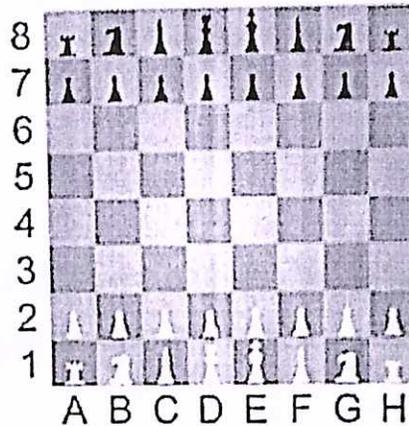
```
If a linked list is 1 -> 2 -> 3 -> 4 -> 5
Then the output will be: 2 -> 1 -> 4 -> 3 -> 5
If the linked list is 1 -> 2 -> 3 -> 4 -> 5 -> 6
Then the output will be: 2 -> 1 -> 4 -> 3 -> 6 -> 5
```

program to determine the color of chess square

A chess board is equally divided into 64 identical squares that are black and white alternately. Each square on the chessboard can be identified by the coordinates as 'A' to 'H' on the horizontal axis and '1' to '8' on the vertical axis as shown in the figure.



CODE EVE 2k19



Each square can be identified using the coordinate system specified above. For example, the square with coordinates G5 is colored Black, A6 is colored White and so on...

Output

First run:

Enter the coordinates of the square,
the first coordinate A to H and second coordinate 1 to 8: C5
Black square

Second run:

Enter the coordinates of the square,
the first coordinate A to H and second coordinate 1 to 8: F3
white square

program to find largest list of prime numbers

Problem statement:

You are given a number N, you have to find the largest list of prime numbers that will give N after summation of the list.

Example:

Sample Input:

7
2

Sample Output:

2 2 3
2

Explanation: 7 can be expressed as summation of 2+2+3 & 2 can be expressed as summation of 2



CODE EVE 2k19

```
{2,4}
{1,2,4}
{3,4}
{1,3,4}
{2,3,4}
{1,2,3,4}
```

Find total Number of bits required to represent a number in binary in C++

Problem statement:

Find total Number of bits required to represent a number in binary

Example 1:

```
input : 10
output: 4
```

Example 2:

```
input : 32
output : 6
```

program Input list of candidates and find winner of the Election based on received votes

Description: In the following article we are going to learn how to solve problem of such type using class definitions.

Problem statement:

Write a program that allows the user to enter the last names of five candidates in a local election and the number of votes received by each candidate. The program should then output each candidate's name, the number of votes received, and the percentage of the total votes received by the candidate. Your program should also output the winner of the election.



CODE EVE 2k19

program to Convert Roman Number to Integer Number

Given a number in Roman format and we have to convert it into integer/decimal format.

Example:

Input: XIV
Output: 14

Input: XI
Output: 11

program to find the integers which come odd number of times in an array

An array of integers is given in which one number (integer) must repeat odd number of times and we have to find that one integer.

Example:

Input:
Array elements are: [1, 4, 6, 1, 9, 6, 4]

Output:
In this array output will be 9

program to print all possible subset of

Problem Statement:

Print all possible subset of a set

Example:

input : {1,2,3,4}
output :

{}
{1}
{2}
{1,2}
{3}
{1,3}
{2,3}
{1,2,3}
{4}
{1,4}

