

ASSOCIATION REPORT (2020- 2021)

The following association activities are carried by the department of computer science during the academic year 2020-2021

- 1) Webinar on “**Building Applications - 2021 Ways**” for the B.Sc. students of Day was conducted on 29/01/2021 at 09:30 AM. Mr. Vighneash Sundarajan from Oracle, California was the resource person for the webinar.
- 2) Webinar on “**Blockchain Technology**” for the B.Sc. students of Day was conducted on 30/01/2021. Mr. Prashant Kumar Sahoo from TCS, Hyderabad was the resource person for the webinar.
- 3) Webinar on “**Artificial Intelligence**” for the B.Sc. students of Day was conducted on 30/01/2021 at 02:00 PM. Mr. M. Goethy Sai Srikanth from AMD was the resource person for the webinar.
- 4) The UG Department of Computer Science conducted the Inter-departmental competitions on 22/03/2021. Event Potpuri was conducted for the students in our college. There was an enthusiastic participation of many students from various departments.
- 5) Inter Collegiate competition under the banner **ZEALICON 2K21** was conducted by the UG Department of Computer Science on 23/03/2021. Students from more than 25 colleges participated in Paper Presentation event held by our department and won prizes.

ZEALICON 2K21

INTER DEPARTMENTAL COMPETITIONS

EVENT NAME	PRIZE	NAME OF STUDENTS	DEPARTMENT
POTPURI	I	SOUNDARYA S	B.Sc. Computer Science (Evening)
	II	DEVATHARSHINI K	B.Com Corporate Secretaryship
	III	THASBEEHA BANU Z	Department of Physics

ZEALICON 2K21

INTER-COLLEGIATE

EVENT NAME	PRIZE	NAME OF STUDENTS	DEPARTMENT, COLLEGE
PAPER PRESENTATION	I	MANGAIYARKARASI	Computer Application QUAID-E-MILLATH GOVERNMENT COLLEGE FOR WOMEN
	II	SREE SUPRAJAA G	Commerce SHRI SHANKARLAL SUNDERBAI SHASUN JAIN COLLEGE

POTPURI

All the participants were skilled and enthusiastic. They also gained some more knowledge in the field of computer science and technology through this competition. All the participants were equally potential but in the end, some stood out shining brighter than the others.

The screenshot displays a Zoom Webinar interface. The main window shows a grid of participants. The top row includes Bhavana.S.U, S. Deepika, and Z. Thasbeeha banu. The second row features Eirfaana.A, Soundrameenak..., S. Soundarya, and Aarthi.J. The third row shows SDNB VAISHNA..., Soundrameenak..., Monicka, and Jananipriya.R. A fourth row contains Dr. M. santhanalakshmi (highlighted with a yellow border) and Sadhana.M. The interface also shows a 'Recording LIVE on YouTube' indicator, a search bar for participants, and a chat window on the right with messages from various participants.

Building Applications - 2021 Ways

```
twosum.py
1 import unittest
2
3 class TwosumTest(unittest.TestCase):
4     def test_1(self):
5         arr = [0,3,2,8,4,5]
6         target = 9
7         self.assertEqual(Twosum(arr, target), (4,5))
8     def test_2(self):
9         arr = [0,0,0,0,0,0]
10        target = 0
11        self.assertEqual(Twosum(arr, target), -1)
12
13 if __name__ == '__main__':
14     unittest.main()
15
twosum.py
1 import sys
2
3 def Twosum(arr, target):
4     for i in range(len(arr)):
5         for j in range(i, len(arr)):
6             if target == arr[i] + arr[j]:
7                 return (i,j)
8     return -1
9
10 arr = [0,3,2,8,4,5]
11 target = 9
12 i = 0
13 j = 0
14 i += 1
15 j += 1
16 sys.modules['_name_'] = Twosum
17
18
19
20
```

```
Documents\www\test
~ python3 twosum_test.py
~
Run 1 test in 0.008s
OK
Documents\www\test
~ python3 twosum_test.py
~/
FAIL: test_2 (__main__.TwosumTest)
Traceback (most recent call last):
  File "twosum_test.py", line 11, in test_2
    self.assertEqual(Twosum(arr, target), -1)
AssertionError: (0,0) != -1
Documents\www\test
~
FAILED (failures=1)
```

Blockchain Technology

Blockchain

GENESIS BLOCK

Block	1	2	3
Data
Prev.Hash	00000000	034DFA357	4D56E1F05
Hash	034DFA357	4D56E1F05	7364AEB2F

Artificial Intelligence



Types of Neural Networks

