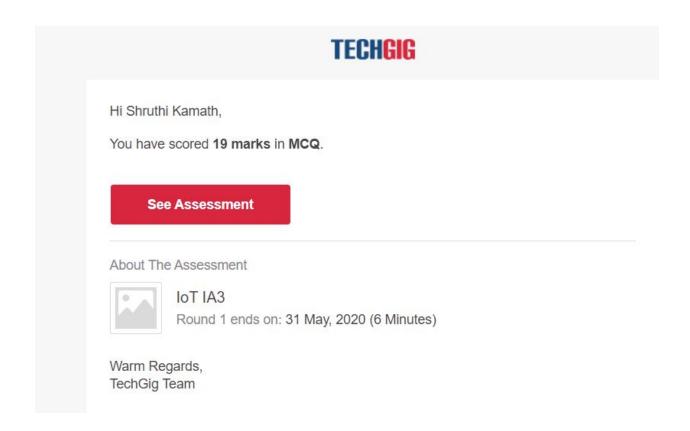
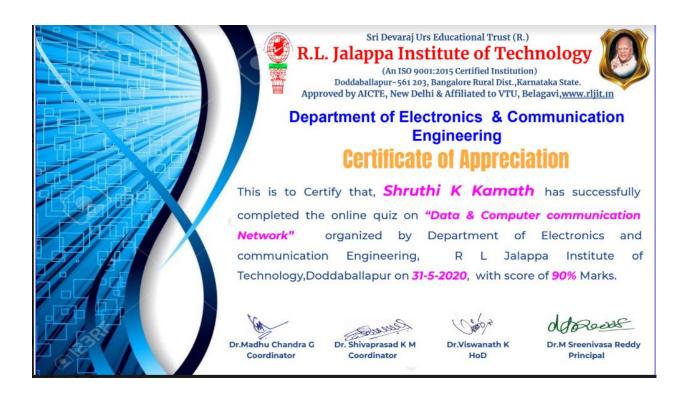
## **DAILY ONLINE ACTIVITIES SUMMARY**

Date:	31/05/202	0	Name:	Shruthi		
Sem & Sec	8 B		USN:	4AL16CS100		
Online Test Summary						
Subject	IOT					
Max. Marks 20			Score	19		
Certification Course Summary						
Course	Online Quiz on Data and computer communication network					
certification		R.L Jalappa Institute	Duration		30 min	
Coding Challenges						
Problem Statement: 1) write a c program to sort an array of integers in ascending or descending order and display the sorted array and number of passes performed for sorting						
Status:completed						
Uploaded the report in Github			Yes			
If yes Repository name			alvas-education-foundation/ shruthikamath			
Uploaded the report in slack			Yes	Yes		

## **ONLINE TEST:**



## **Certification:**



## **CODING CHALLENGE:**

```
PROGRAM 1:
```

```
#include stdio.h

void swap(int *xp, int *yp)
{

int temp = *xp;

*xp = *yp;

*yp = temp;
}

int bubbleSort(int arr[], int n)
{

int i, j,count=0;

int swapped;

for (i = 0; i < n-1; i++)</pre>
```

```
{
swapped = 0;
for (j = 0; j < n-i-1; j++)
{
if (arr[j] > arr[j+1])
{
swap(&arr[j], &arr[j+1]);
swapped = 1;
count++;
}
}
if (swapped == 0)
break;
}
return count;
}
void printArray(int arr[], int size)
{
int i;
for (i=0; i < size; i++)
printf("%d ", arr[i])
printf("\n");
}
int main()
{
int arr[50],num;
printf("enter the number of elements");
```

```
scanf("%d",&num);
printf("enter the elements");
for(int i=0;i=n;i++)
}
```