DAILY ONLINE ACTIVITIES SUMMARY

Date:	**8th June 2020**	**Name:**	**Sangeetha N A**
Sem & Sec	**8th Semester 'B' Section**	**USN:**	**4AL16CS083**

Online Test Summary

Subject	**System Modelling and simulation**		
Max. Marks	**60**	**Score**	**60**

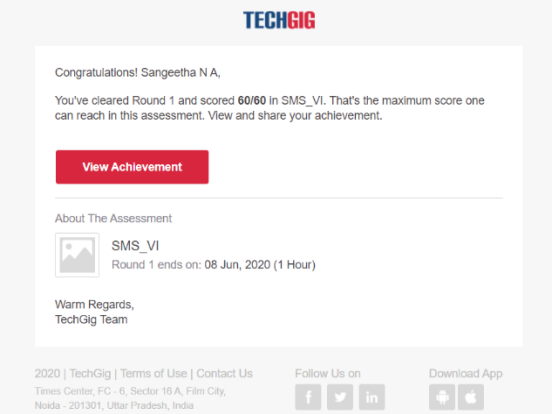
Certification Course Summary

Course	**Cyber Security**		
Certificate Provider	**CISCO Networking Academy**	**Duration**	**3 hour**

Coding Challenges

Problem Statement: 1) **Program to generate all unique partition of integer**	
Status: completed	
Uploaded the report in Github	**yes**
If yes Repository name	**sangeethana**
Uploaded the report in slack	**yes**

Online Test Details: (Attach the snapshot and briefly write the report for the same)



TECHGIG

Congratulations! Sangeetha N A,

You've cleared Round 1 and scored **60/60** in SMS_VI. That's the maximum score one can reach in this assessment. View and share your achievement.

View Achievement

About The Assessment

SMS_VI

Round 1 ends on: 08 Jun, 2020 (1 Hour)

Warm Regards,
TechGig Team

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Times Center, FC - 6, Sector 16 A, Film City,
Noida - 201301, Uttar Pradesh, India

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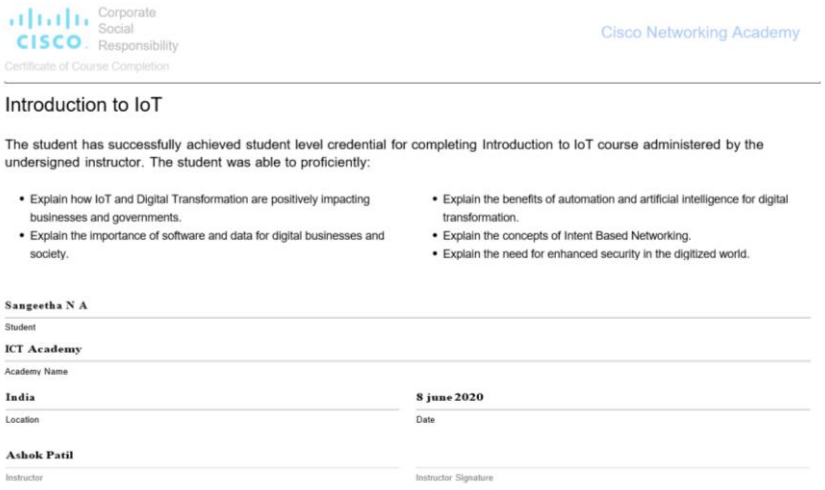
Certification Course Details: (Attach the snapshot and briefly write the report for the same)



Corporate Social Responsibility

Cisco Networking Academy

Certificate of Course Completion

Introduction to IoT

The student has successfully achieved student level credential for completing Introduction to IoT course administered by the undersigned instructor. The student was able to proficiently:

- Explain how IoT and Digital Transformation are positively impacting businesses and governments.
- Explain the importance of software and data for digital businesses and society.
- Explain the benefits of automation and artificial intelligence for digital transformation.
- Explain the concepts of Intent Based Networking.
- Explain the need for enhanced security in the digitized world.

Sangeetha N A
Student

ICT Academy
Academy Name

India
Location

8 june 2020
Date

Ashok Patil
Instructor

Instructor Signature

Coding Challenges Details: (Attach the snapshot and briefly write the report for the same)

```
defprintArray(p,n):

for I in range(0,n):

print(p[i],end="")
```

```
print()
def print AllUniqueParts(n):
p=[0]*n #Anarraytostoreapartition
k=0 #Indexoflastelementinapartition
p[k]=n #Initializefirstpartition
#asnumberitself
whileTrue:
printArray(p,k+1)
rem_val=0
whilek>=0andp[k]==1:
rem_val+=p[k]
k-=1
ifk<0:
print()
return
p[k]-=1
rem_val+=1
whilerem_val>p[k]:
p[k+1]=p[k]
rem_val=rem_val-p[k]
k+=1
p[k+1]=rem_val
k+=1
print('AllUniquePartitionsof2')
printAllUniqueParts(2)
```

```
print('AllUniquePartitionsof3')
printAllUniqueParts(3)
print('AllUniquePartitionsof4')
printAllUniqueParts(4)
```