

SWAYAM-NPTEL Local Chapter @ VNR VJIET

1. NPTEL:

NPTEL is an MHRD sponsored body to make available the Engineering knowledge on IT platform to all the eager students, faculty, researchers, scientists, industrialists etc global wide. With that initiative all the old IITs (7 no.) and IISc have jointly started recording the spoken materials from the eminent faculty on the recent updates in the respective domains/specializations. In the beginning only the major courses of engineering were recorded/pdf materials were prepared.

2. NPTEL Online Certification Courses (NOCs):

Later on to further improve the understanding of the participants on the subjects, to make more live interactions with the instructors of the subjects for clarification of the doubts and queries on the subject by the listeners/viewers of the courses, NPTEL started offering the online courses since 2014 with meagre exam fee of Rs. 1000 per course but registration is free for any number of courses to receive the materials freely. Every year the number of participants are increasing in these NPTEL Online Courses Certification (NOCs). For further giving more benefits/advantages to the serious participants, NPTEL started giving the Local Chapter status to the engineering colleges, universities, autonomous institutions etc in India so that all the serious participants from the institutes can avail the 50% fee waiver.

3. 'NPTEL Local Chapter' @ 'VNR VJIET':

VNR VJIET has opened 'NPTEL Local Chapter' in the campus with the consent of 'NPTEL Office, IIT Madras' on 19th Aug'2016. Dr. K. Ravikumar, Associate Professor, Department of Civil Engineering, is given the responsibility as a 'Single Point of Contact (SPOC)' [as a Institute Coordinator] between VNR VJIET and NPTEL, IIT Madras. As a institute SPOC, he has to pass on the initiatives taking by NPTEL to the faculty and students of VNR VJIET as and when announcements made by NPTEL Office. And also, he acts like nodal officer to put forth the concerns of all the participants to NPTEL Office.

For smooth and easy functioning of the entire process of participant's registration and taking up the NOCs seriously till their final examinations, our respected Principal sir has allotted the department wise coordinators to coordinate with SPOC. So, there are **totally 9 department coordinators coordinating with SPOC** to continue with the activities institute such as making announcements in class rooms for giving awareness to students, discussing with their respective HODs to allot the mentor faculty to the respective department courses to provide mentoring to the needy students/participants during the course taking up till final exams. The contacting details (names and the e-mails ids) of the 9 department coordinators are displayed in the SAMSUNG screens in the institute and also announced in class rooms for clarification purpose. In addition to above, to encourage the participants, VNR VJIET is **providing Free Bus Transport facility** to all participants (both faculty and students) to reach the exam centres (@ Moula Ali, Old Alwal and Nacharam) from JNTU, Hyderabad and return back.

Following is the list of all the coordinating faculty from each Department along with SPOC:

Sl. No.	Department	Contacting Person/E-mail ID
1	SPOC	Dr. K. Ravikumar, Associate Professor, Department of Civil Engg, ravikumar_k@vnrvjiet.in
2	CE	G. Anuja, Asst. Prof, anuja_g@vnrvjiet.in
3	ME	Ch. Naveen Reddy, Asst. Prof, naveenreddy_ch@vnrvjiet.in

4	AE	P. Rakesh, Asst. Prof, rakesh_p@vnrvjiet.in
5	CSE	P. Tejaswi, Asst. Prof, tejaswi_p@vnrvjiet.in
6	ECE	P. Srinivasa Rao, Asst. Prof, srinivasarao_p@vnrvjiet.in
7	EIE	S. Bhargav, Asst. Prof, bhargav_s@vnrvjiet.in
8	EEE	O. Shobhana, Asst. Prof, sobhana_o@vnrvjiet.in
9	IT	R. Vikram Raju, Asst. Prof, vikramraju_r@vnrvjiet.in
10	Humanities & Sciences	Dr. GVPN Srikanth, Asst. Prof, srikanth_gvpn@vnrvjiet.in

4. Results of NOCs during the Academic Year 2016-2017:

For the two semesters in academic year 2016-2017, faculty and students have participated in various NOCs and obtained certificates based on their performance in the respective courses. Details are given below.

Academic Year 2016-2017 (July to October 2016: Semester-I)

4.1 Overall Institute Results:

S. No.	Particulars	Number
1	Total Certified by NPTEL	22
2	Certified with 'GOLD' Medal (C.S \geq 90%)	--
3	Certified with Topper position	--
4	Certified with 'Elite' Grade (89% \geq C.S \geq 60%)	16
5	Certified with 'Successful Completion' Grade (59% \geq C.S \geq 40%)	6

* C.S – Consolidated Score in the course

4.2 Participants from each department:

Sl. No.	Department	Participants	
		Faculty	Students
1	CE	13	3
2	ME	--	4
3	AME	--	--
4	CSE	--	2
5	ECE	--	--
6	EEE	--	--
7	EIE	--	--
8	IT	--	--
Total		22	

Academic Year 2016-2017 (January 2017 to July 2017: Semester-II)

VNR VJIET could achieve the “AA” ranking based on the performance in NOCs by the students and faculty of the institute during the period from January 2017 to July 2017.



11	Steam and Gas Power Systems	1
Total Participants		110

4.4 Number of Participants eligible during April 2017 Exams:

Sl. No.	Course Name	No. of certificates Eligible
1	Introduction to Ancient Indian Technology	1
2	Landscape Architecture and Site Planning Basic Fundamentals	1
3	Geo-synthetics and Reinforced Soil Structures	1
4	Digital Land Surveying and Mapping	3
5	Hydration, Porosity and Strength of Cementitious Materials	7
6	Introduction to Remote Sensing	2
7	Internetwork Security	4
8	Embedded Systems Design	2
9	Enhancing Soft Skills and Personality	2
10	Introduction to Fluid Mechanics	1
Total Participants		24

4.5 Overall institute results:

Sl. No.	Particulars	Number
1	Total appeared for the NOCs Exams	150
2	Total Certified by NPTEL	134
3	Certified with 'GOLD' Medal (C.S \geq 90%)	2
4	Certified with Topper position	4
5	Certified with 'Elite' Grade (89% \geq C.S \geq 60%)	75
6	Certified with 'Successful Completion' Grade (59% \geq C.S \geq 40%)	55

* C.S – Consolidated Score in the course

4.6 Participants from each department:

Sl. No.	Department	Participants	
		Faculty	Students
1	CE	3	14
2	ME	--	4
3	AME	--	1
4	CSE	4	58
5	ECE	--	42
6	EEE	--	--
7	EIE	2	2
8	IT	--	1
9	HSS	3	--
Total		134	

4.7 Toppers and Gold Medallists from the Institute in various courses:

Sl. No.	Name of the Course	Name of the student/ Faculty	Course Grade/ Topper
1	Programming, Data Structures and Algorithms using Python	A.S.V. Maha Teja (CSE II B.Tech)	Gold (91%) and Topper
		Md. Younus Jalil Mazeed (CSE II B.Tech)	Gold (90%) and Topper
2	Principles of Communication Systems Part-I	T. Spandana (ECE II B.Tech)	Elite (76%) and Topper
3	Introduction to Ancient Indian Technology	S. Sangeetha, Asst. Prof – CE	Elite (76%) and Topper

4.8 Faculty Mentors List:

Following Faculty have received the ‘Mentor Certificates’ from NPTEL for course mentoring to the participants during January to April Courses 2017:

Sl. No.	Faculty Name (Department)	Name of the Course
1	P. Tejaswi, CSE	Programming, Data Structures and Algorithms using Python
2	S. Kranthi Kumar, CSE	
3	I. Pawan Kumar, CSE	
4	K. Rama Mohan Reddy, ECE	Principles of Communication Systems Part-I
5	P. Siva Kumar, CSE	Design and Analysis of Algorithms

5. Results of NOCs during the Academic Year 2017-2018:

VNR VJIET could achieve the “AA” ranking based on the performance in NOCs by the students and faculty of the institute during the period from July 2017 to October 2017.

Semester-I (July to October 2017):

5.1 Overall Institute Results Department wise:

Department	September Exam		October Exam		TOTAL
	Faculty	Student	Faculty	Student	
CE	6	3	8	27	44
ME	3	7	1	1	12
AME			1		1
CSE	19	56	3	23	101
ECE		38	2	23	63
EEE		3	1	3	7
EIE	1			0	1
IT				1	1
HSS	4				4
TOTAL	33	107	16	78	234

5.2 Summary of Gold Medallists and Toppers in the Institute Department wise:

Department	Gold Medal (>90)		Toppers		Gold	Toppers
	Faculty	Student	Faculty	Student	TOTAL	TOTAL
CE	3	3	4	2	6	6
ME					0	0
AME					0	0
CSE	1	6		8	7	8
ECE				2	0	2
EEE					0	0
EIE					0	0
IT					0	0
HSS	1				1	0
TOTAL	5	9	4	12	14	16

5.3 Faculty Mentors List:

Following Faculty have received the 'Mentor Certificates' from NPTEL for course mentoring to the participants during July to October 2017:

Sl. No.	Faculty Name	Department	Name of the Course
1	A. Jyothirmai	CE	Design of Reinforced Concrete Structures
2	B.D.V.Chandra Mohan Rao		Structural Analysis-I
3	G. Anuja		Structural Analysis-I
4	U.S. Hari Krishnan		Project Planning and Control
5	G. Ramesh Chandra	CSE	Introduction to Machine Learning
6	S. Nagini		Programming, Data Structures and Algorithms using Python



Dr. K. Ravikumar, SPOC, NPTEL-VNR VJIET receiving the institute's "AA" rating certificate from former Director, IITM and National Coordinator, NPTEL @ IIT Madras, Chennai on 25th Jan'2018.

5.4 List of Gold Medallists and Toppers from the NOCs during July to October 2017:

VNR VJIET management has awarded the cash prizes for the following participants who came out as toppers and gold medallists. Amount of cash prize to each topper and gold medallist is given in the last column of below table.

SL. No.	Participant Name	Student /Faculty	Depart	Roll. No /Faculty Id	Topper Category			TOTAL SCORE (%)	Course Name	Cash Prize
					1%	2%	5%			
1	J Y V SHIVA BHUSHAN	Faculty	CE	17CED007			√	88	Geotechnical engineering laboratory	1000
2	G. ANUJA	Faculty		17CED031				93	Reinforced Concrete Road Bridges	1000
3	MANJOT SINGH GANDHI	Student		15071A0192			√	92	Project planning and control	1000
4	V. RAMYA KRISHNA	Faculty		16CED036			√	88	Foundation Design	1000
5	MANJOT SINGH GANDHI	Student		15071A0192				94	Design of reinforced concrete structures	1000
6	ANUBOYINA JYOTHIRMAI	Faculty		16CED046			√	97	Design of reinforced concrete structures	1000
7	GANDHE PUSHYAMITHRA	Student		15071A0174		√		97	Structural Analysis - I	1200
8	B D V CHANDRA MOHAN RAO	Faculty		05CED013			√	94	Structural Analysis - I	1000
9	INDIRA LINGINANI	Faculty	CSE	16CSE102				93	Introduction to R Software	1000
10	NARALA AKHIL REDDY	Student		15071A0560			√	89	Programming, data structures and algorithms using python	1000
11	DANDE JONATHAN PAUL	Student		15071A05J3			√	90		1000
12	KANALA SREENIDHI	Student		15071A05E6		√		92		1200
13	A. MARUTHI SAKETH	Student		15071A0553			√	90		1000
14	ADITYA CHERUVU	Student		15071A05I9			√	88		1000

15	KADARI SRI TEJA ABHIRAM	Student		15071A0581	√			98		1500
16	P.AKHILA	Student		15071A05G5	√			94		1500
17	HARI KRISHNA	Student		15071A05B7	√			91	Introduction to Programming in C	1500
18	DEVANNAGARI VIKAS	Student	ECE	14071A0477		√		75	Design for internet of things	1200
19	R S S MAUKTHIKA	Student		15071A04M0	√			93	Modern digital communication techniques	1500
20	PADMAVATHI GUDETI	Faculty	HSS	15HSS036				90	Introduction To Cryptology	1000
Grand Total										22600

FCULTY AND STUDENTS OF VNR VJIET RECEIVING THE NPTEL ONLINE COURSES CERTIFICATES AND CASH PRIZES FROM CHIEF GUEST DURING ANNUAL DAY CELEBRATIONS MARCH'2018





Semester-II (January to April 2018):

5.5 Overall Institute Results Department wise:

VNR VJIET could achieve **the “AA” rating** based on the performance in NOCs by the students and faculty of the institute during the period from January to April 2018. With that rating, VNR VJIET placed **at 18th position among Top 100 Local Chapters of India** and **1st place in Telangana State.**

Following is the list provides the faculty and students certified across all departments:

Department	Faculty	Students	Total
CE	6	15	21
ME	4	3	7
AME	1	2	3
EEE	0	5	5
ECE	16	38	54
CSE	16	98	114
IT	0	1	1
EIE	7	28	35
HSS	9	0	9
Total	59	190	249

5.6 Faculty Mentors List:

Following Faculty have received the ‘Mentor Certificates’ from NPTEL for course mentoring to the participants during January to April 2018:

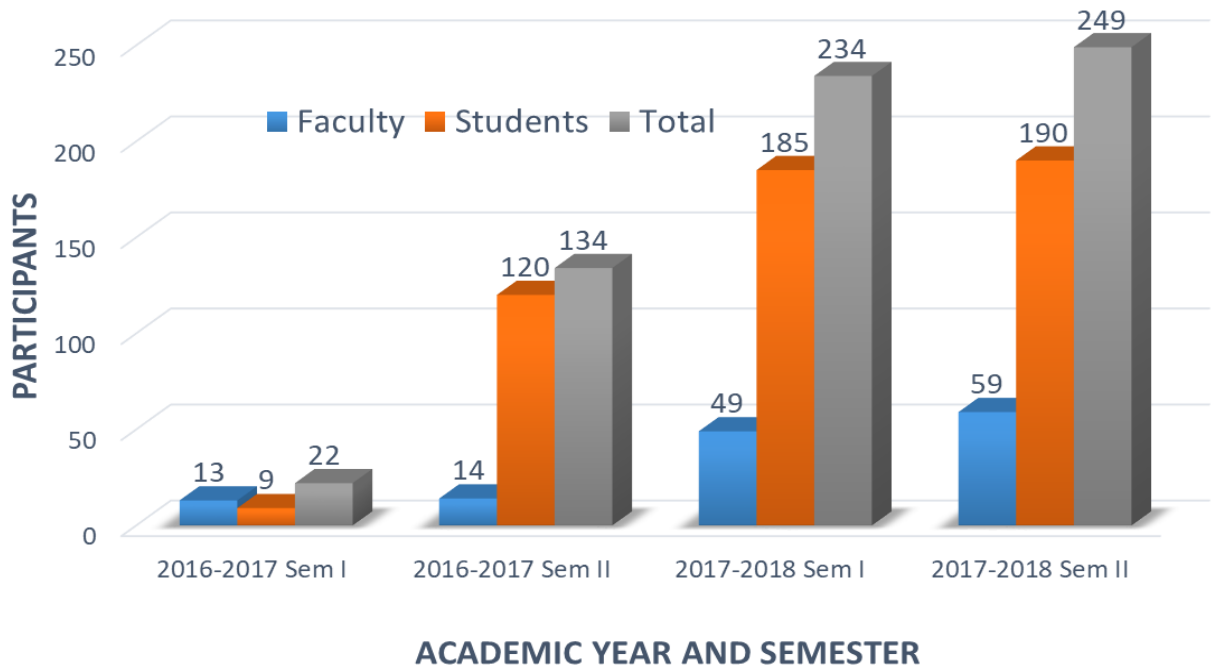
S.no	Mentor Name	Dept	Course Name	Top Performing Mentor-Reason- Metees as
1	J Y V Shiva Bhushan	CE	Soil Mechanics/Geotechnical Engineering I	Topper/Gold medalist
2	Baby V	CSE	Problem solving through Programming In C	Topper/Gold medalist
3	L.Indira			Topper/Gold medalist
4	Jhansi Lakshmi Bai K			Topper/Gold medalist
5	Kiranmayee B V			Topper/Gold medalist
6	Dr PV Siva Kumar			No Badge
7	I. Pavan Kumar		Data Science for Engineers	Topper/Gold medalist
8	Y. Padma Shayi	ECE	Introduction to Machine Learning	Topper/Gold medalist

5.7 List of Gold Medallists and Toppers from the NOCs during January to April 2018:

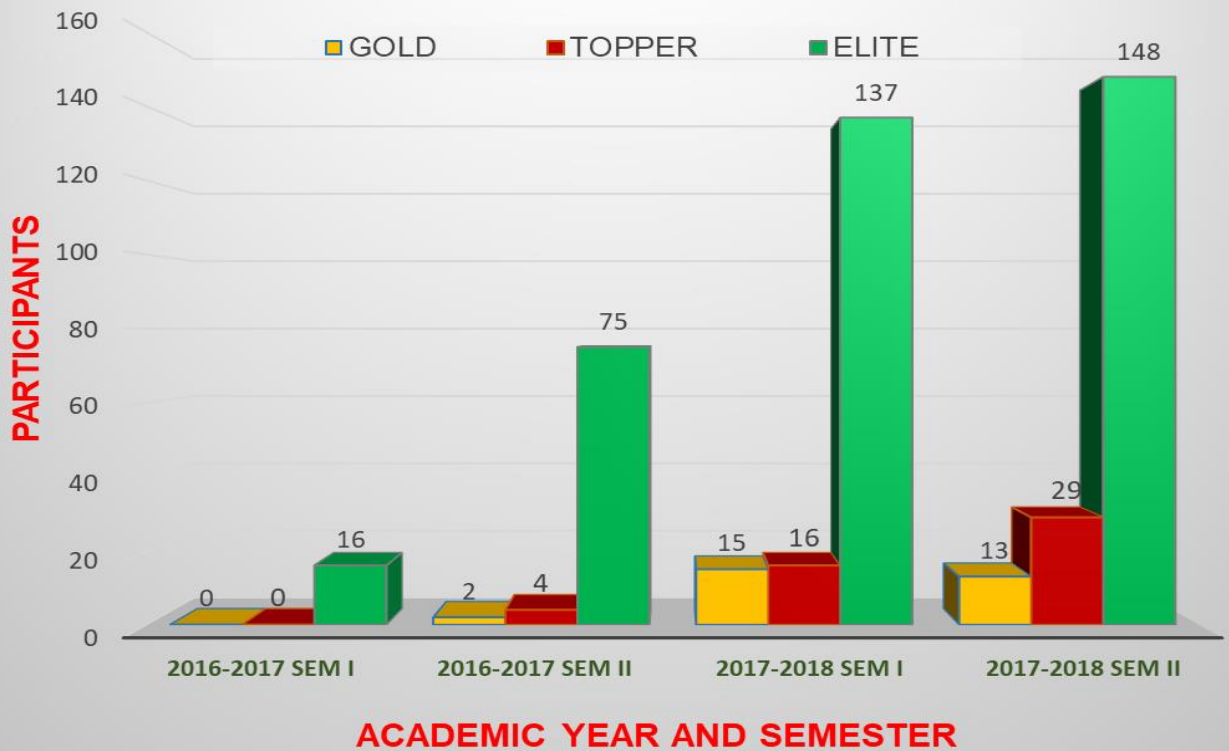
S.No	Name	Faculty ID/Student Roll No.	Faculty/Student	Department	Course Name	Final Score	Certificate Type	Topper Category	
1	Manjot Singh Gandhi	15071A0192	Student	CE	Enhancing Soft Skills and Personality	96	Elite+gold	Topper of 1%	
2	Manjot Singh Gandhi	15071A0192	Student	CE	Soil Mechanics/Geotechnical Engineering I	94	Elite+gold	Topper of 2%	
3	Yallabandi Harshini	15071A01B5	Student	CE		93	Elite+gold	Topper of 2%	
4	Raga Siri Sathvika Macha	17071A05H0	Student	CSE	Problem Solving through Programming in C	97	Elite+gold	Topper of 1%	
5	Jhansi Lakshmi Bai K	07CSE054	Faculty	CSE		94	Elite+gold	Topper of 1%	
6	Gajavelly Kovid	17071A0582	Student	CSE		93	Elite+gold	Topper of 1%	
7	Velaga Yaswanth Sai	17071A05B9	Student	CSE		93	Elite+gold	Topper of 1%	
8	Mamillapalli Eshwar Sai Ram	17071A05L1	Student	CSE		92	Elite+gold	Topper of 1%	
9	Pulluri Vineeth	17071A05A9	Student	CSE		92	Elite+gold	Topper of 1%	
10	Harisha Koganti	17071A0585	Student	CSE		91	Elite+gold	Topper of 1%	
11	V Baby	00CSE003	Faculty	CSE		91	Elite+gold	Topper of 1%	
12	K.Rohith Reddy	17071A0588	Student	CSE		89	Elite	Topper of 2%	
13	Nazish Zaha.Shaik.	17071A0541	Student	CSE		86	Elite	Topper of 5%	
14	Harshitha Malireddy	17071A0537	Student	CSE		86	Elite	Topper of 5%	
15	Hari Krishna	15071A05B7	Student	CSE		Programming, Data Structures and Algorithms using Python	86	Elite	Topper of 5%

16	Dontha Bharadwaj	17071A05J3	Student	CSE	Problem Solving through Programming in C	85	Elite	Topper of 5%
17	Keerthi Ramireddy	17071A0551	Student	CSE		85	Elite	Topper of 5%
18	D Indumathi	15071A05J2	Student	CSE	Data Science for Engineers	84	Elite	Topper of 2%
19	Priyanka Singh	16CSE045	Faculty	CSE	Introduction to Human Computer Interaction	83	Elite	Topper of 5%
20	Sai Suhas Vemuri	15071A05G9	Student	CSE	Introduction to Modern Application Development	82	Elite	Topper of 5%
21	Kota Nikhil Sai	15071A0556	Student	CSE	Data Science for Engineers	82	Elite	Topper of 5%
22	Abbaraju Maruthi Saketh	15071A0553	Student	CSE		81	Elite	Topper of 5%
23	Nuthula Shekar	16071A0439	Student	ECE	Principles of Communication Systems - I	86	Elite	Topper of 2%
24	K. Aruna Kumari	07ECE001	Faculty	ECE	Introduction to Machine Learning	78	Elite	Topper of 5%
25	L.V.Rajani Kumari	97ECE017	Faculty	ECE		78	Elite	Topper of 5%
26	Yarlagadda. Padma Shayi	99ECE002	Faculty	ECE		78	Elite	Topper of 5%
27	Jyotsna Cherukuri	06HSS037	Faculty	HSS	Bioelectrochemistry	94	Elite+gold	Topper
28	Gembali Srinivasa Gupta	97MED008	Faculty	ME	Introduction to Materials Science and Engineering	80	Elite	Topper
29	Gembali Srinivasa Gupta	97MED008	Faculty	ME	Introduction To Composites	70	Elite	Topper of 5%

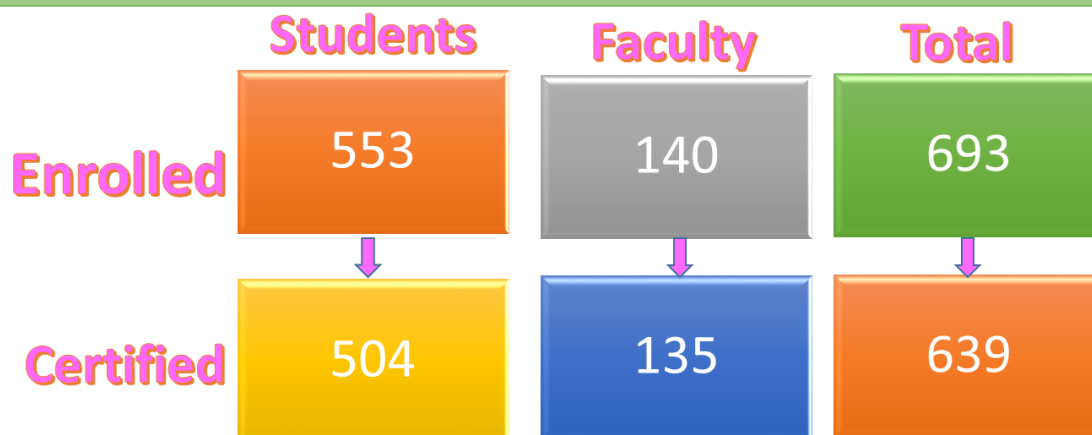
NPTEL Online Courses Certifications



Toppers, Gold Medallists and Elites



Total Summary of Faculty and Students enrolled and certified by NPTEL in Online Courses in the last 4 semesters of 2 academic years 2016-2017 and 2017-2018



Maximum Participation in Various Courses

Sl. No.	COURSE NAME	Number of Participants
1	Principles Of Communication Systems - Part 1	70
2	Problem Solving through Programming in C	62
3	Programming, Data Structures And Algorithms Using Python	52
4	Cloud Computing	50