



**MARATHA VIDYA PRASARAK SAMAJ'S**  
**KARMAVEER ADV. BABURAO GANPATRAO THAKARE**  
**COLLEGE OF ENGINEERING**



www.kbtcoe.org

Permanently Affiliated to Savitribai Phule Pune University Vide Letter No: CA/1542  
 & Approved by AICTE New Delhi Vide Letter No: 740-89-32 (E) ET/98  
 AISHE Code - C-41622

## Department of Information Technology

Academic Year – 2019-20	Class:
Semester – I	Date : 25/09/2019
CO : 1,2,3,4,5,6	PO: 1,2,3,5,9,10,12

### Innovative Teaching Methods

**Title of Innovation method/activity: Case Study**

**1. Name of Faculty: Dr.V.R.Sonawane**

**2. Subject: Cloud Computing**

**3. Objective of Method:**

- Enhance self-learning among students.
- Enhance students communication, analytical skills and , team work and ethical practices etc.

**4. Topic Covered through Activity:**



**Department of Information Technology**  
**TE (IT) – 2015 Course: Cloud Computing**  
**Case Study Topics**

Sr.	Group No	Roll No	Name of the students	Topic Name	Sign
1	1	57	SHAH OWAIS SHARFRAZ BHAVSAR Disha	Green Cloud Computing : Balancing Energy in processing storage and transport.	<i>[Signature]</i>
2		61	SINGH SACHIN AJABNARAYANKALE APURVA		
3		64	THOMBARE DHANASHRI R.		
4		58	SHARDUL SHWETA V.		
5	2	54	SANAP MADHURI SHANKAR	cloud computing using Amazon web services	<i>[Signature]</i>
6		75	ROHINI MORE		
7		6	BHAMRE DIVYA JAYANT		
8		51	PINGLE PRANJAL ANIL		
9	3	36	KHAIRNAR ROHIT SHANKAR	Cloud Cryptography	<i>[Signature]</i>
10		46	PATIL JASWANTSING VILAYSING		
11		53	RAHANE NIKHIL VITTHAL		
12		39	LANGHE ATHARVA RAJENDRA		
13	4	12	DEORE AKASH SANJAY	Elastic Load Balancer	<i>[Signature]</i>
14		11	DAWALKAR RISHIKESH ARVIND		
15		5	BHAMARE VEDANT VIJAY		
16		20	GHODKE CHINMAY DEEPAK		
17	5	42	MORANKAR ABHISHEK R.	Amazon S3 bucket Service.	<i>[Signature]</i>
18		3	BAVISKAR RONAK HEMANT		
19		67	VISHWAKARMA ROHIT T.		
20		49	PATIL SUSHANT PARAG		

Sr.	Group No	Set No	Name of the students	Topic Name	Sign
21	6	47	PATIL PRAGATI SANJAY	Platform as a service (PaaS)	Sachin P. Patil
22		55	SAPKALE PRANALI VIJAY		
23		24	JADHAV DHANASHRI J.		
24		43	MORE VISHAKHA SANJAY		
25	7	1	ASWANI RENU GANGARAM	Security Issues in cloud computing	Dh. h.
26		14	DHAWALE BHAKTI RAJENDRA		
27		19	GAWALE AKANKSHA D.		
28		60	SHIVADE ANKITA KASHINATH		
29	8	41	MAKNOR KANCHAN N.	Migration Framework of Cloud	Dh. h.
30		33	KARPE ANUJA MUKUND		
31		68	VYAS BHUMIKA RAJNISH		
32		71	WAVDHANE UTKARSHA D.		
33	9	8	BORA MANSI AMIT		
34		27	JHAVAR ANUSHREE SHARAD		
35		63	TARWANI RIDDHI KHEMCHAND		
36	10	22	GUJARATHI DEVESH SANTOSH	Windows Azure platform	Sachin
37		66	VIDHATE SANKET SOMNATH		
38		4	BEJEKAR TUSHAR SAMPAT		
39		17	GAIKWAD HARSHAL DILIP		
40	11	31	KANGANE SHUBHAM M.	Amazon EC2 Execution Environ-ment	
41		32	KANKARIYA SANKET S. / 52. Pratibha Pingale		
42		9	BORSE SHUBHAM PRASHANT		
43	12	65	UPASANI SIMRAN MANGESH		
44		30	KALE APURVA RAJENDRA		
45		52	PINGLE PRATIBHA BALASAHEB		
46		7	BHAVSAR DISHA MANOJ		

Sr.	Group No	Set No	Name of the students	Topic Name	Sign
47	13	13	DHAWALE RUPALI RAJESH	Digital forensic in the cloud	Dh. h.
48		76	PRERANA GANGURDE		
49		21	GHULE PRANJAL PRATAP		
50		2	BAHALKAR GANESH SHARAD		
51	14	44	NAHAR RIDDHI SUNIL	Virtualization and Its Role in cloud computing	Sachin P. Patil
52		35	KHAIRNAR DHANALI VIJAY		
53		37	KINGE SHRUTIKA R.		
54		56	SARODE SNEHAL RAMRAO		
55	15	59	SHINDORE SALIL DARSHAN		
56		29	KAKAD SAURABH CHANGDEO		
57		72	ZAMBARE AMAN PRABHAKAR		
58		69	WAGH CHANDAN PREM		
59	16	23	GULAVE PRATIK VIJAY		
60		16	DUMBARE SHIVAM KAILAS		
61		28	KADAM SIDDHANT PRAKASH		
62		62	SURYAWANSHI SARANG PRAVIN		
63	17	70	Renuka Wagh	cloud computing in healthcare	Sachin P. Patil
64		15	Pallavi Dhokane		
65		65	Tejal-Kuwar-Simran Upasani		
65		50	Revati Pekhale		

66 18 61 Sachin Singh  
67 57 Owais Shah  
68 26 Abhinandan Jagtap

cloud security  
Dr. V. R. Sonawane  
HOD(IT)

Sachin P. Patil  
Revati P. P. Patil  
D. Dhokane

### 5. Description of method with Benefits (8 – 10 lines) :

Topic for case study is assigned to group or individual student. They prepare report on assigned case study by searching content on internet, book or research paper. Faculty does the assessment at the time of report submission.

- The method Impact:**

Case study activity helps students to generate new ideas, enhance self-learning, communication skills, analytical skills, team work and ethical practices etc.

## Roles and Responsibilities

- **Teacher**

- Prepare the group of 4-5 students.
- Assigned the topics to each group.
- Define rubrics for the assessment of the activity
- Assess the reports.

- **Student**

- Go through the provided topic
- Understand the topic and gain expertise on topic through collaboration.
- Actively participate in group and contribute by means of information gathering related to the topic.
- Prepare the report.

## 6. Assessment Tools & Rubrics:

### Rubrics for Assessment of Case study:

Sr. No	Name of Method	Evaluation Criteria	Max. Score	Excellent (100%)	Satisfactory (60%)	Poor (20%)
1.	Case Study	Understanding	10	<ul style="list-style-type: none"> <li>• Good knowledge of the issues,</li> <li>• Complete analysis</li> <li>• Appropriate Answers to Questions.</li> </ul>	<ul style="list-style-type: none"> <li>• Adequate knowledge of the issues,</li> <li>• Partial analysis</li> <li>• Answers questions, but often with little insight.</li> </ul>	<ul style="list-style-type: none"> <li>• Inadequate knowledge of the issues,</li> <li>• Incomplete analysis</li> <li>• Inappropriate Answer</li> </ul>
		Report writing	10	<ul style="list-style-type: none"> <li>• Appropriate content</li> <li>• Proper formatting</li> <li>• Ethical practices</li> </ul>	<ul style="list-style-type: none"> <li>• Less relevant content</li> <li>• Fairly appropriate</li> <li>• <del>Ethical practices</del></li> </ul>	<ul style="list-style-type: none"> <li>• Inappropriate content</li> <li>• No formatting</li> <li>• <del>Ethical practices</del></li> </ul>
		Timely Submission	5	<ul style="list-style-type: none"> <li>• Submission within deadline</li> </ul>	<ul style="list-style-type: none"> <li>• Submission within week</li> </ul>	<ul style="list-style-type: none"> <li>• Late submission</li> </ul>

## 7. Evaluation Sheet

Sr.	Group No	Roll No	Name of the students	Topic	Understanding (10)	Report Writing(10)	Timely submission (5)
1	1	57	BHAVSAR DISHA	Green Cloud Computing: Balancing energy in processing storage and transport			
2		61	KALE APURVA				
3		64	THOMBARE DHANASHRI R.				
4		58	SHARDUL SHWETA V.				
5	2	54	SANAP MADHURI SHANKAR	Cloud computing using amazon web services	7	6	4
6		75	ROHINI MORE		6	7	4
7		6	BHAMRE DIVYA JAYANT		8	6	4
8		51	PINGLE PRANJAL ANIL		6	7	4
9	3	36	KHAIRNAR ROHIT SHANKAR	Cloud cryptography	6	7	4
10		46	PATIL JASWANTSING VIJAYSING		7	7	4
11		53	RAHANE NIKHIL VITTHAL		8	7	4
12		39	LANGHE ATHARVA RAJENDRA		7	7	4
13	4	12	DEORE AKASH SANJAY	Elastic load Balancer	6	7	3
14		11	DAWALKAR RISHIKESH ARVIND		6	7	3
15		5	BHAMARE VEDANT VIJAY		7	7	3
16		20	GHODKE CHINMAY DEEPAK		8	7	3
17	5	42	MORANKAR ABHISHEK R.	Amazon S3 Bucket Server	0	0	0
18		3	BAVISKAR RONAK HEMANT		0	0	0
19		67	VISHWAKARMA ROHIT T.		0	0	0
20		49	PATIL SUSHANT PARAG		0	0	0
21	6	47	PATIL PRAGATI SANJAY	Platform as a Service	0	0	0
22		55	SAPKALE PRANALI VIJAY		0	0	0
23		24	JADHAV DHANASHRI J.		0	0	0
24		43	MORE VISHAKHA SANJAY		0	0	0
25	7	1	ASWANI RENU GANGARAM	Security issues in Cloud Computing	8	7	4
26		14	DHAWALE BHAKTI RAJENDRA		6	7	4
27		19	GAWALE AKANKSHA D.		6	7	4
28		60	SHIVADE ANKITA KASHINATH		7	6	4
29	8	41	MAKNOR KANCHAN N.	Migration framework of cloud	6	7	4
30		33	KARPE ANUJA MUKUND		7	7	4
31		68	VYAS BHUMIKA RAJNISH		8	7	4
32		71	WAVDHANE UTKARSHA D.		7	7	4

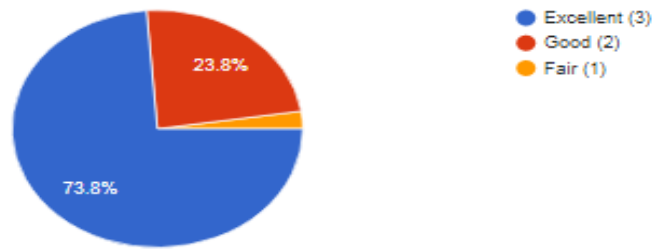
33	9	27	JHAVAR ANUSHREE SHARAD	A TEXT-BASED MINING OF VIRTUAL REALITY	8	7	4
34		63	TARWANI RIDDHI KHEMCHAND		7	8	4
35		22	GUJARATHI DEVESH SANTOSH		6	7	4
36	10	66	VIDHATE SANKET SOMNATH	Windows azure platform	0	0	0
37		4	BEJEKAR TUSHAR SAMPAT		0	0	0
38		17	GAIKWAD HARSHAL DILIP		0	0	0
39		31	KANGANE SHUBHAM M.		0	7	3
40	11	32	KANKARIYA SANKET S.	Amazon EC2 Execution environment	6	7	3
41		9	BORSE SHUBHAM PRASHANT		7	6	3
42		13	DHAVALE RUPALI RAJESH		6	7	3
43	13	76	PRERANA GANGURDE	Digital forensics in Cloud	0	0	0
44		21	GHULE PRANJAL PRATAP		0	0	0
45		2	BAHALKAR GANESH SHARAD		0	0	0
46		44	NAHAR RIDDHI SUNIL		0	0	0
47	14	35	KHAIRNAR DHANALI VIJAY	Virtulization and its role in cloud computing	6	7	3
48		37	KINGE SHRUTIKA R.		7	6	3
49		56	SARODE SNEHAL RAMRAO		6	7	3
50		59	SHINDORE SALIL DARSHAN		7	6	3
51	15	29	KAKAD SAURABH CHANGDEO	Mobile Cloud Computing	6	7	3
52		72	ZAMBARE AMAN PRABHAKAR		7	6	3
53		69	WAGH CHANDAN PREM		6	7	3
54		23	GULAVE PRATIK VIJAY		7	6	3
55	16	16	DUMBARE SHIVAM KAILAS	Dropbox	6	7	4
56		28	KADAM SIDDHANT PRAKASH		7	6	4
57		62	SURYAWANSHI SARANG PRAVIN		6	7	4
58		70	Renuka Wagh		7	6	4
59	17	15	Pallavi Dhokane	Cloud computing in health security	7	7	4
60		65	Simran upasani		8	7	4
61		50	Revati Pekhale		7	8	4
62					7	7	4

SN	Result Analysis	
1	Total Student Present Student	42
2	Number of Student Scoring above 60%	42
3	Percentage of student Scoring above 60%	100

## 8. Impact Analysis

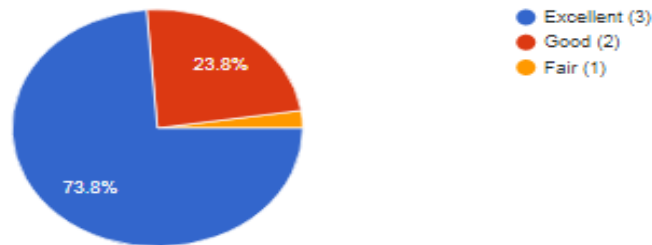
1. Was the Activity helpful?

42 responses



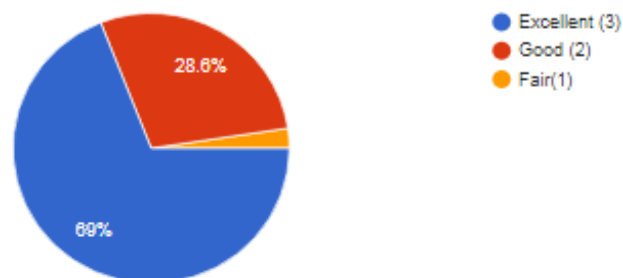
2. Did you cover the objective during the activity?

42 responses



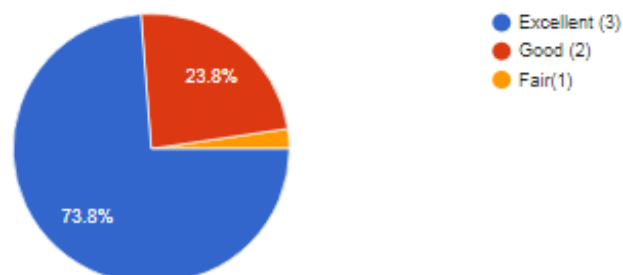
3. Are you able to find application / use of concept covered ?

42 responses



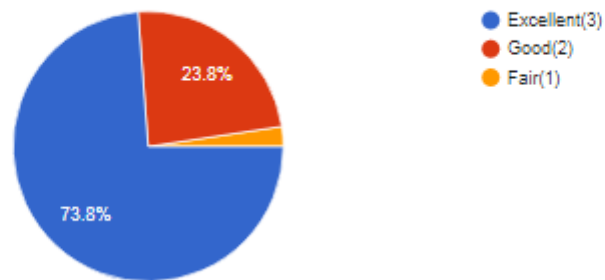
4. Does this help for building a good team?

42 responses



5. Grade the activity in terms of knowledge gain, communication improvement.

42 responses



**9. For review and critique contact: e-mail address of faculty and HOD**

[hod.it@kbtcoe.org](mailto:hod.it@kbtcoe.org)

Dr.V.R.Sonawane

Subject In charge

Ms.T.S.Pawar

Module Coordinator

Dr. V.R.Sonawane

HoD