
	<p>MARATHA VIDYA PRASARAK SAMAJ'S KARMAVEER ADV. BABURAO GANPATRAO THAKARE COLLEGE OF ENGINEERING</p>	 www.kbtcoe.org
<p>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</p>		

Department of Information Technology

Academic Year – 2019-20	Class: BE
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: Think Pair Share

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

2. Subject: Business Analytics and Intelligence

3. Objective of Method:

- Enhance collaborative learning among students.
- Enhances students’ oral communication skills
- Helps students become active participants in learning and writing as a way of organizing thoughts generated from discussions.

4. Topic Covered through Activity:

1. BAI in logistic and production.
2. BAI in fraud detection.
3. Open source BI
4. Purpose of performance measurement
5. Obstacle to BI
6. Factors impacting on BI maturity
7. Application of BI in marketing
8. Role of BI in business performance
9. Challenges in implementing BAI
10. Data mining and BAI
11. Business performance management
12. Data warehousing and BI

13. Impact of data visualization in BAI

14. Application of BAI in banking

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

In this method problem or question related to the subject are given to the group of students. Sufficient time is given to the students to think and gather their thoughts. After this they exchange their thoughts with each other and prepare summary report. Finally they share their solution in front of class members.

• **The method Impact:**

TPS activity helps students to enhance communication skills, interpersonal skills, self-learning, analytical skills.

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.
- Make discussion on assigned topic among group members.
- Prepare the summary report.
- Share their ideas in front of class students.

6. Assessment Tools & Rubrics:

Rubrics for Assessment of Group Discussion:

Sr. No	Name of Method	Evaluation Criteria	Max. Score	Excellent (100%)	Satisfactory (60%)	Poor (20%)
1.	Think Pair Share (TPS)	Understanding	10	<ul style="list-style-type: none"> • Quality knowledge sharing • Confidence • Quality Summary Report 	<ul style="list-style-type: none"> • Adequate knowledge sharing • Confidence • Quality Summary Report 	<ul style="list-style-type: none"> • Inadequate knowledge sharing • Confidence • Quality Summary Report
		Team work	10	<ul style="list-style-type: none"> • Team work skill • Active Participation • On time completion 	<ul style="list-style-type: none"> • Team work skill • Active Participation • On time completion 	<ul style="list-style-type: none"> • Team work skill • Active Participation • On time completion
		Question-Answer	5	<ul style="list-style-type: none"> • Appropriate Answers to Questions. 	<ul style="list-style-type: none"> • Answers questions, but often with little insight. 	<ul style="list-style-type: none"> • Inappropriate Answer

7. Evaluation Sheet

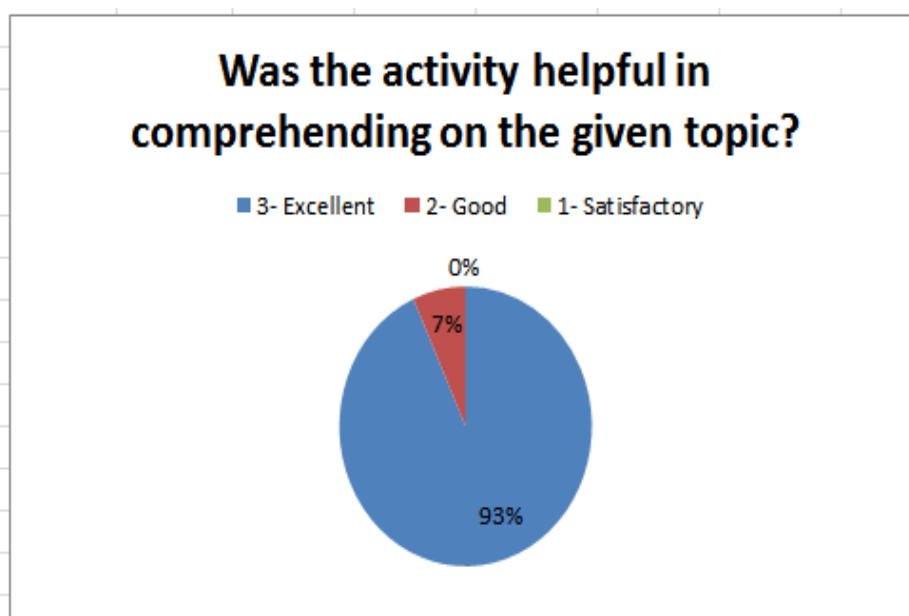
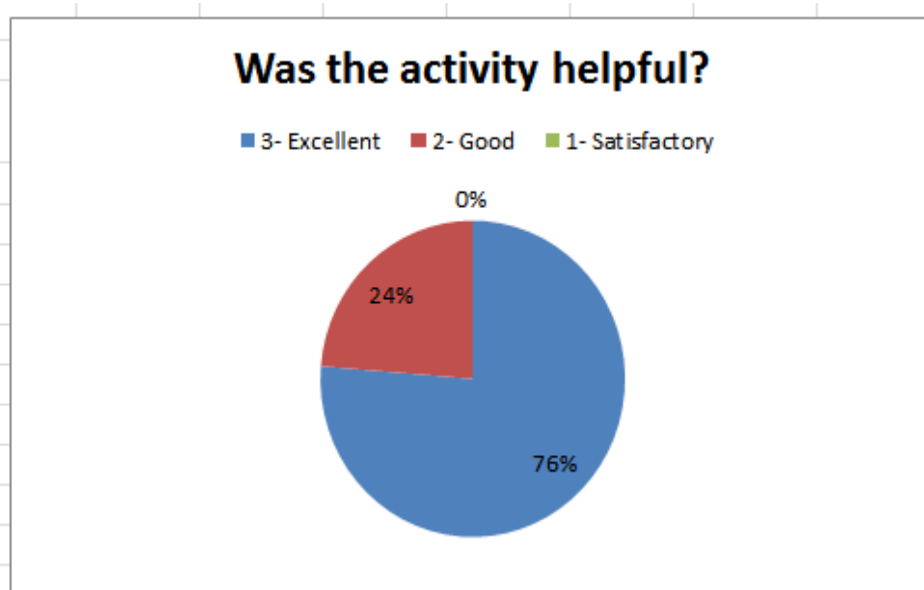
Roll No	Name of Student	Understanding (10)	Team work (10)	Question-Answer (5)
1	AHIRE HEMANT NAVNATH	5	5	2
2	BADHAN NEHA NANDKISHOR	7	8	4
3	BAGAD NEHA DILEEP	6	7	4
4	BAVISKAR NIKITA SATISH	7	7	4
5	BHADANE ANKITA SUDHAKAR	8	7	4
6	BIDVE NIKITA KESHAV	4	4	2
7	BIRARI KISHORI DAYARAM			
8	BORASE PRASAD BHARAT			
9	BORSE SHRUTI NITIN	8	8	4
10	CHAVAN RAHUL DEVIDAS	2	2	1
11	DHURJAD ROHIT SHIVAJI			
12	DHURJAD TUSHAR VILAS			
13	GAJJAR VIREN VINOD			
14	GOTARNE PAVANKUMAR	5	5	2
15	GUJARATHI PRATHAMESH			
16	JADHAV PRANMAY SUDHIR			
17	JADHAV PRATIK SHIVAJI	7	7	3
18	JADHAV RUCHA C	7	7	7
19	JADHAV SRUSHTI P	7	6	4
20	JOSHI DARSHAN KAILAS	8	8	4
21	JOSHI HARSHAL SANJAY	4	4	2
22	KALAL MAYUR GAJENDRA	5	5	2
23	KALE VARAD DEVENDRA	7	8	4
24	KAPOLE SANKET SHASHANK	8	8	4
25	KHANKARI RUCHIRA R	8	7	4
26	KHANKARI RUTUJA R	7	8	4
27	KOTHAVADE SAYALI BALKRISHNA	6	6	2
28	KULKARNI BHUSHAN K	8	7	4
29	KULKARNI PRIYAL PRAVIN	7	7	4
30	KUMARI NEHA SAHADEV	7	7	4
31	LASHKARE KALYANI R	6	6	3
32	MAHAJAN RUTUJA C.	7	6	4
33	MAHAJAN SARANG KAILAS	8	6	3
34	MALPURE KALPESH R	5	5	2
35	MANAKE TEJASWINI PRADIP	6	5	2
36	MARATHE ADITYA SUNIL	8	7	4
37	MEDHANE ABHISHEK JAIPAL	7	6	3
38	MEKHE SAYALI SURESH	8	7	4
39	MORANKAR VIDULA B	8	8	4
40	NAIK PREETI SUHAS	7	7	3
41	OKE VIRAJ SUNIL	8	8	4

42	PACHPUTE HARSHADA MAHENDRA	8	7	3
43	PAGAR PRIYANKA SANJAY	7	8	4
44	PAGARE VIKRANT RAJENDRA	7	6	3
45	PAGERE KOMAL RAVINDRA	8	8	4
46	PARMAR SURUCHI AJITSINGH	8	8	2
47	PATIL DARSHANA SADASHIV	5	5	2
48	PATIL DIPANJALI PRADEEP	7	7	4
49	PATIL JUGALKISHOR ANIL	4	4	1
50	PATIL TUSHAR NILKANTH	4	5	2
51	PAWAR MAHENDRA BALU	6	6	3
52	PAWATEKAR POOJA SHRINIWAS	7	8	4
53	SANGAMNERKAR AISHWARYA SANJAY	8	7	4
54	SHEWALE VARSHA JAGANNATH	8	8	9
55	SHINDE SARIKA BHAUSAHEB			
56	SHIRSATH MANOJ DILIP	6	5	3
57	SHOUCHE MEGHNA MANOJ			
58	SONAVANE ANKITA RAVINDRA			
59	SONAWANE KHUSHBU RAMESH			
60	SONAWANE RAKESH SHANKAR	6	6	3
61	TATAR DEVIKA ANIL	5	6	3
62	THETE MONIKA VILAS	6	7	4
63	THETE VAISHNAVI DNYANESHWAR	6	7	4
64	VADJE PRACHI ANANDA	7	8	4
65	WANI PAWAN RAJENDRA	8	7	4
66	WELGUDE AISHWARYA SHARAD	7	7	4
67	WADNERE KAJAL	5	4	2
68	KATAD RUCHITA NIVRUTTI	5	4	2
69	SURYAWANSHI PUNAM D	4	4	2
70	SURYAWANSHI SHRUTIKA B			
71	WAGH DIPEEKA K	4	4	1
72	TANK SHAILAJA			
73	JAYESH RAJENDRA PATIL			

SN	Result Analysis	
1	Total Student Present Student	59
2	Number of Student Scoring above 60%	41
3	Percentage of student Scoring above 60%	69%

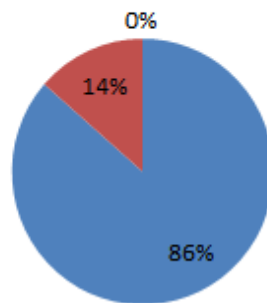
8. Impact Analysis

S N	3- Excellent	2- Good	1- Satisfactory
Was the activity helpful?	45	14	00
Was the activity helpful in comprehending on the given topic?	55	04	00
Grade the activity in the form of learning?	51	08	00



Grade the activity in the form of learning?

■ 3- Excellent ■ 2- Good ■ 1- Satisfactory



9. Activity Picture



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Department of Information Technology

Innovative teaching method: Think-Pair-Share Method Date: 25/09/2019

Group No. 1

Group Members Name: 1. Jigal kishor Patil 2. Hareshal Joshi
3. Kalpesh Malpuro 4. Rabul Chavhan

Topic of Discussion: Applications of BAI

Report:

- 1) Business Analytics Intelligence which is required for growth of Business.
- 2) Business Analytics Intelligence used in Marketing for to judge the effectiveness & impact of a marketing strategy on customer.
- 3) Business Analytics Intelligence used in CRM.
- 4) Business Analytics Intelligence used in Manufacturing.
- 5) BAI is major Application for share Market.
- 6) Labour Requirement can be understood using BAI Tools.

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

hod.it@kbtcoe.org

Dr.V.R.Sonawane

Subject In charge

Ms.B.A.Ahire

Module Coordinator

Dr. V.R.Sonawane

HoD