



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



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

www.kbtcoe.org

Department of Information Technology

Academic Year – 2020-21	Class: BE
Semester – I	Date : 27/08/2020
CO : 1,2,3,4,5,6	PO: 1,2,3,4,5,6,7,8,9,10,12

Innovative Teaching Methods

Title of Innovation method/activity: Literature Survey

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

2. Subject: Business Analytics and Intelligence

3. Objective of Method:

- Help students to learn latest research methods, experimental techniques that are used to get insight into how researchers apply the concepts to real world problems.

4. Sample Literatures Reviewed by Students:

1. A Patient-centered Technology for Collaborative Decision Support in the Emergency Department
2. Follow-Up Decision Support Tool for Public Healthcare: A Design Research Perspective
3. Wearable smart health monitoring system for animals
4. User Pattern Learning Algorithm based MDSS (Medical Decision Support System) Framework under Ubiquitous
5. Development of an intelligent decision support system for air pollution control at coal-fired power plants.
6. A GIS based decision support system for estimation, visualization and analysis of air pollution for large Turkish cities.
7. Decision support system for innovation with a special emphasis on pollution.

8. Ultrasonic Based Smart Blind Stick For Visually Impaired Persons
9. An electronic walking stick for blinds
10. Effective Fast Response Smart Stick for Blind People.
11. Smart Blind Stick using Artificial Intelligence
12. Decision Support System (DSS) for Fraud Detection in Health Insurance Claims Using Genetic Support Vector Machines (GSVMs)
13. Decision Support System (DSS) for Feature Engineering for Healthcare Fraud Detection.
14. Computerized decision support systems for healthcare professionals.
15. A COVID-19 Risk Assessment Decision Support System for General Practitioners: Design and Development Study
16. Efficient Decision Support System for Agricultural Application
17. Smart Sensing-enabled Decision Support System for Water Scheduling in
18. Orange Orchard
19. Efficient Decision Support System for Agricultural Application
20. Agriculture Decision Support System using Data Mining
21. User Pattern Learning Algorithm based MDSS (Medical Decision Support System) Framework under Ubiquitous
22. Smart Healthcare Monitoring System Based on Wireless Sensor Networks
23. The Asthma Kiosk: A Patient-centered Technology for Collaborative Decision Support in the Emergency Department.
24. Decision Support Systems to Manage Irrigation in Agriculture.
25. A Comprehensive Study of Application of Decision Support System in Agriculture in Indian Context
26. Technology Acceptance and the Uptake of Agricultural DSS.

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

A literature review is a search and evaluation of the available literature in given subject or chosen topic area. Group of student collect the information of research topic from different sources (E.g. IEEE papers/Journal Papers/White Papers/Web/Reference or Text Books/Any other relevant material). Students then evaluate and synthesize the information to draw the inference.

The method Impact:

Literature review helps students to build the knowledge. They learn latest research methods, and experimental techniques that are used and gained insight into how researchers apply the concepts

to real world problems.

Roles and Responsibilities

- **Teacher**
 - Guide students to select topic for literature survey.
 - Define rubrics for the assessment of the activity.
 - Assess the reports.
- **Student**
 - Search articles related to the assigned topic.
 - Final one article to prepare summary report.
 - Prepare the summary report.

6. Assessment Tools & Rubrics:

Rubrics for Assessment of Literature Review:

Sr. No	Name of Method	Evaluation Criteria	Max. Score	Excellent (100%)	Satisfactory (60%)	Poor (20%)
1.	Literature review	Source of Information	5	<ul style="list-style-type: none"> • Any other resources • UGC Approved Journals • IEEE/Scopus/Springer/Elsevier 	<ul style="list-style-type: none"> • Any other resources • UGC Approved Journals • IEEE/Scopus/Springer/Elsevier 	<ul style="list-style-type: none"> • Any other resources • UGC Approved Journals • IEEE/Scopus/Springer/Elsevier
		Report	10	<ul style="list-style-type: none"> • Evaluation • Synthesis • Inferences Drawn 	<ul style="list-style-type: none"> • Evaluation • Synthesis • Inferences Drawn 	<ul style="list-style-type: none"> • Evaluation • Synthesis • Inferences Drawn
		Team work	5	<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

7. Evaluation Sheet

Sr. No.	Group No	Roll No	Name of The Students	Source of Information (5)	Report (10)	Team work (5)
1	1	36	Khairnar Rohit Shankar	4	8	4
2		46	Patil Jaswantsing Vijaysing	3	7	4
3		53	Rahane Nikhil Vitthal	3	7	4
4		39	Langhe Atharva Rajendra	4	6	4
5	2	12	Deore Akash Sanjay	4	7	4
6		11	Dawalkar Rishikesh Arvind	3	6	4
7		5	Bhamare Vedant Vijay	3	6	4
8		20	Ghodke Chinmay Deepak	3	5	4
9	3	70	Birari Kishori			
10		76	Pawatekar Pooja			
11		80	Devika Tatar			
12		38	Tejal Kuwar			
13	4	41	Maknor Kanchan N.	4	7	4
14		33	Karpe Anuja Mukund	4	7	4
15		68	Vyas Bhumika Rajnish	4	8	4
16		71	Wavdhane Utkarsha D.	4	7	4
17	5	54	Sanap Madhuri Shankar	3	5	4
18		75	Roshni More	3	6	4
19		6	Bhamre Divya Jayant	3	7	4
20		51	Pingle Pranjal Anil	3	8	4
21	6	59	Shindore Salil Darshan	3	5	3
22		29	Kakad Saurabh Changdeo	3	5	3
23		72	Zambare Aman Prabhakar	4	5	3
24		69	Wagh Chandan Prem	3	5	3
25	7	22	Gujarathi Devesh Santosh	2	5	3
26		66	Vidhate Sanket Somnath	3	6	4
27		4	Bejekar Tushar Sampat	1	4	3
28		17	Gaikwad Harshal Dilip	1	5	3
29	8	13	Dhavale Rupali Rajesh	3	3	3
30		76	Prerana Gangurde	3	5	4
31		21	Ghule Pranjal Pratap	3	6	4
32		2	Bahalkar Ganesh Sharad	3	6	4
33	9	1	Aswani Renu Gangaram	3	7	4
34		14	Dhawale Bhakti Rajendra	5	8	4
35		19	Gawale Akanksha D.	3	5	4

36		60	Shivade Ankita Kashinath	3	6	4
37	10	70	Renuka Wagh			
38		15	Pallavi Dhokane	4	7	4
39		65	Simran Upasani	4	8	4
40		50	Revati Pekhale	4	6	4
41		11	47	Patil Pragati Sanjay		
42	55		Sapkale Pranali Vijay			
43	24		Jadhav Dhanashri J.			
44	43		More Vishakha Sanjay			
45	12	77	Sonawane Rakesh			
46		78	Sonawane Sameer			
47		79	Gotarne Pavankumar			
48		71	Gajjar Viren			
49	13	44	Nahar Riddhi Sunil	2	4	3
50		35	Khairnar Dhanali Vijay	2	4	3
51		37	Kinge Shrutika R.	2	5	3
52		40	Komal Mahajan	2	5	3
53	14	31	Kangane Shubham M.	3	5	3
54		52	Pingle Pratibha Balasaheb	3	8	4
55		32	Kankariya Sanket S.	2	7	4
56		9	Borse Shubham Prashant	3	6	3
57	15	57	Shah Owais Sharfraz			
58		61	Singh Sachin Ajab Narayan			
59			Abhinandan Jagtap			
60	16	72	Vikrant Pagare			
61		73	Kumbhar Chetan			
62		74	Mahajan Sarang			
63		75	Patil Jayesh			
64	17	8	Bora Mansi Amit	2	5	4
65		27	Jhavar Anushree Sharad	3	5	4
66		63	Tarwani Riddhi Khemchand	2	3	2
67		56	Sarode Snehal Ramrao	2	3	2
68	18	42	Morankar Abhishek R.			
69		3	Baviskar Ronak Hemant			
70		67	Vishwakarma Rohit T.			
71		49	Patil Sushant Parag			
72	19	64	Thombare Dhanashri R.	5	5	4
73		58	Shardul Shweta V.	5	7	4
74		30	Kale Apurva Rajendra	4	6	4
75		7	Bhavsar Disha Manoj	4	6	4
76	20	23	Gulave Pratik Vijay			

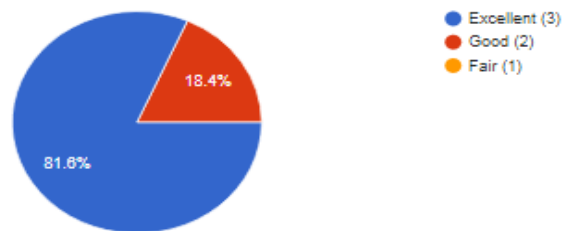
77		16	Dumbare Shivam Kailas			
78		28	Kadam Siddhant Prakash			
79		62	Suryawanshi Sarang Pravin			

SN	Result Analysis	
1	Total Student Present Student	50
2	Number of Student Scoring above 60%	40
3	Percentage of student Scoring above 60%	80

8. Impact Analysis

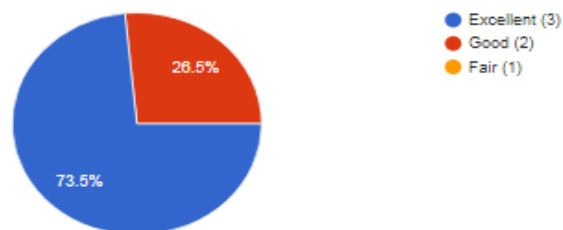
1. Was the Activity helpful?

49 responses



2. Did you cover the objective during the activity?

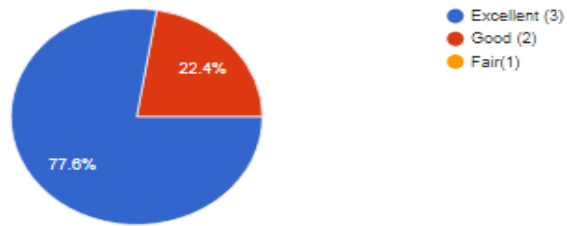
49 responses



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

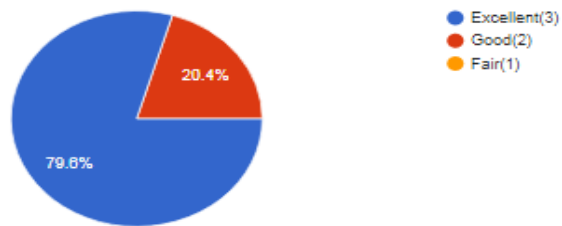


49 responses



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

49 responses



9. 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