



Electronics & Telecommunication Engineering

Academic Year – 2024-2025	Class: Third Year
Semester – II	Date :
CO: 1,2,3	PO: 1,2,3,4 ,10,12

Innovative Teaching Methods

Title of Innovation method/activity: Project Based Learning

1. **Name of Faculty** : Mr. Viraj R Sonawane.

2. **Subject** : Database Management

3. Objective of Method:

1. Apply the concept of database management in the real life problem.
2. Develop problem solving ability in Student.

4. Topic Covered through Activity:

Fundamental of DBMS, SQL , Database integration with front end.

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

Project-Based Learning (PBL) is a dynamic and engaging approach to education where students actively explore real-world problems and challenges to acquire deeper knowledge. Students work on projects over an extended period, which allows them to apply their theoretical understanding in practical scenarios.

Key Features of PBL:

- **Real-world Relevance:** Projects are often rooted in real-world issues or challenges.
- **Student-Centered:** Learners take ownership of their work and decisions.
- **Collaboration:** Encourages teamwork and communication among peers.
- **Critical Thinking and Creativity:** Students analyze, create, and innovate to solve problems.

- **Assessment:** Learning is assessed through the process and final outcomes rather than just exams.

Roles and Responsibilities

- **Teacher**
 - Provide the Introduction to all the topic.
 - Aware the student about the length, Breadth, Depth of Topic
 - Provide the Study Material and appropriate guide lines at every stage
 - Remain available all the time during all stages of process.
 - Prepare assessment methodology.
- **Student**
 - Go through all the material provided on particular topic
 - Identify the project in nearby vicinity which is aligned with core concept learned.
 - Actively participate in group and contribute by means of discussion, hand-out
 - Share the expertise topic when joins a new group.
- **Group**
 - Develop the guidelines to establish group.(i.e. Decide the roll of all participants)
 - Every group should gain the expertise on particular topic.
 - Prepare at least one page Hand-out / Report which cover all the details corresponding to the topic.
 - While preparing the report make sure all the content are covered.
 - Appropriate references should be given.
 - Grammatical mistake should be checked.
 - Develop the guidelines with which every group member can share the topic they learn

6. Assessment Tools & Rubrics :

	Rubrics	5	4	3	2	1
R1	Problem Innovation / Application	Help Full to Enterprise	Real Life Problem	Simple	Theoretical	Less Relevant
R2	ER / Flow Diagram/ Connectivity	ER Diagram	Flow Chart	Connectivity established	Connectivity not Established	Slight Relevant
R3	Oral	Excellent	Good	Average	Poor	No Answer
R4	Timely Submission	On Time	Day Dealy	Week Dealy	Reported but Incomplete	
R5	Report	Organized &Complete	Complete but Not Organized	Not Complete but organized	Submitted	Not Submitted

7. Evaluation Sheet



MARATHA VIDYA PRASARAK SAMAJ'S
Karmaveer Adv. Baburao Ganpatrao Thakare
College of Engineering, Nashik



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DEPARTMENT OF ELECTRONICS & TELECOMMUNICATION ENGINEERING

Course Assignment / Project Based Learning DBMS
 AY 2024-2025

	Rubrics	5	4	3	2	1
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R5	Report	Organized & Complete	Complete but Not Organized	Not Complete but organized	Submitted	Not Submitted

Roll No	Name	R1	R2	R3	R4	R5	TOTAL	SIGN
1	Kanchan Abhang	3	3	3	3	3	15	
2	Shubham Aher	3	3	3	3	3	15	
3	Sarvesh Aher	3	3	3	3	3	15	
4	Anurag Aher	4	4	3	3	3	17	
5	Prerna Akhade	3	3	3	4	4	17	
6	Priyanka Bavne	4	4	4	4	4	20	
7	Lalit Bhamare	4	4	4	3	3	18	
8	Sanjana Burkul	4	4	4	3	3	18	
9	Nilam Daware	4	4	4	4	3	19	
10	Shraddha Desai	3	3	3	4	4	17	
11	Sanika Devkar	4	4	3	3	3	17	
12	Tanmay Dhamane	4	4	5	5	5	23	
13	Krushna Hatkar	3	3	3	3	3	15	
14	Sneha Jadhav	3	3	3	3	3	15	
15	Piyush Jagtap	5	5	5	5	5	25	
16	Kaushal Joshi	3	3	3	4	4	17	
17	Akshada Kakade	3	4	5	3	3	17	
18	Sneha Kardile	4	4	4	4	4	20	
19	Dhanshree Kedar	3	3	3	3	3	15	
20	Lokesh Khairnar	4	3	3	4	3	17	

		R1	R2	R3	R4	R5	Total	Sign.
21	Monika Kshirsagar	5	4	5	4	5	23	Monika
22	Nikita Kulkarni	4	4	3	4	4	19	Nikita
23	Harshal Kumbhare	3	3	3	3	3	15	Harshal
24	Divya Mahajan	5	4	4	4	4	21	Divya
25	Vivek Malunekar	5	5	5	5	5	25	Vivek
26	Sakshi Memane	5	4	4	4	4	21	Sakshi
27	Itesh More	3	3	3	4	5	18	Itesh
28	Prajakta More	3	3	4	5	5	20	Prajakta
29	Yash Nikam	4	5	3	3	3	18	Yash
30	Rutik Padol	3	3	3	3	3	15	Rutik
31	Tanushree Pagare	3	3	3	3	3	15	Tanushree
32	Aastha Patil	3	3	3	3	3	15	Aastha
33	Vedanti Patil	3	4	4	4	4	19	Vedanti
34	Vedehi Patil							Vedehi
35	Suyash Pawar	3	3	3	3	3	15	Suyash
36	Vrushali Pawar	5	4	4	4	4	21	Vrushali
37	Vaibhav Sarode	5	4	4	3	3	19	Vaibhav
38	Prathamesh Shejwal	4	4	4	3	3	18	Prathamesh
39	Tejaswini Shelke	4	4	3	3	3	17	Tejaswini
40	Kaushalya Shete	3	3	3	3	3	15	Kaushalya
41	Prajakta Shinde							Prajakta
42	Sanika Shinde							Sanika
43	Omkar Shinde	3	3	3	3	3	15	Omkar
44	Sakshi Shirude	3	3	4	4	5	19	Sakshi
45	Shreya Belhekar	4	3	3	4	4	18	Shreya
46	Vidya Somvanshi	3	3	4	4	4	18	Vidya
47	Abhishek Sonawane	3	3	4	4	4	18	Abhishek
48	Sarthak Sonawane	4	4	5	5	5	23	Sarthak
49	Aryan Suri	3	3	3	4	4	17	Aryan
50	Om Tagad	3	3	3	4	4	17	Om
51	Sanika Tile	3	3	3	4	4	17	Sanika
52	Varad Vispute	3	4	3	3	3	16	Varad
53	Dipali Wagh	3	3	3	3	3	15	Dipali
54	Dipti Wagh	4	4	4	4	4	20	Dipti
55	Shrushti Yeole	3	3	3	4	4	17	Shrushti
56	Avdhut Joshi	3	3	3	3	4	16	Avdhut
57	Om Ahirrao							Om
58	Vedika Bhamare							Vedika
59	Dipesh More							Dipesh
70	Udaykumar Pathak							Udaykumar
72	Aadit Darole							Aadit
73	Tejas Shelke							Tejas

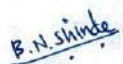
8. Impact Analysis

SN	3- High	2- Moderate	1- Slight
Do you find Methodology Helpful	42	14	0
Does this helps for building a good team	43	13	0
Does the content covered are relevant	40	16	0
Would you like to participate in activity again	50 YES	6 NO	0

9. For review and critique contact: e-mail address of faculty and HOD
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Mr. V.R. Sonawane
Subject In charge


Mr. P.S. Deshmukh
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B.N. Shinde
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