



SNJB'S Late Sau K B Jain College of Engineering, Chandwad
Department of Electronics & Telecommunication Engineering

Academic Year: 2021-22	Class: BE
Semester: II	Date: 5/5/2022

Title of Innovation method/activity: Case Study

Name of Faculty: Prof. Thakare S.S.

Subject: Wireless Sensor Networks.

Objective: To define the problem statement /related issues on WSN.

Topic Covered through Activity: Applications of Wireless Sensor Networks.

Benefits: Case study methodology useful to generate new innovation & research work in the WSN Field.

The method:

- Students go through Google scholar portal.
- Search reference paper particularly in Wireless Sensor Network area.
- Identify Problem statement & research methodology.
- Discuss in Class.

Assessment Tools & Rubrics:

- PPT Presentation

Evaluation Sheet:

Sr. No.	Candidate Name	Marks
1	ANDHARE VRUNDA DHANANJAY	P
2	ATHARE PRASHANT SHIVAJI	P
3	GOYAT DURGA JAWAHARLAL	P
4	RAUNDAL HARSHADA BHAUSAHEB	P
5	MENGANE PRATIKSHA BHAUSAHEB	P
6	TAMHANKAR SIDHHI SANTOSH	P
7	SHENDE AKASH SANJAY	AB
8	CHAVAN MANALI BAPURAO	P
9	BODAKE PRAJAKTA SURESH	P
10	PAWAR MAYUR KAILAS	P
11	PAWAR SUMIT RAMCHANDRA	AB
12	KHANGAL YOGESH SHIVAJI	P
13	DARADE KIRAN KHANDU	P
14	KASWA RISHABH SANTOSH	P
15	AHER PRATIKSHA BAPU	P
16	KHAIRNAR MOKSHDA SURESH	P
17	PAWAR SHALAKA DEVIDAS	P
18	SHEWALE KAMLESH BHARAT	P

19	BACHHAV DAMINI ASHOK	P
20	MURKUNDE ASHWINI DNYANESHWAR	AB
21	GHUGE YOGITA SANJAY	P
22	JADHAV GITANJALI BAPU	P
23	SHELKE RAKESH SURESH	P
24	KADAM HEMANT BALU	AB
25	PAWAR KHUSHBOO PRAKASH	P
26	KAWALE SANDIP CHANDRAKANT	AB
27	SONAWANE DIVYA SANJAY	P
28	DUDANI SONU GOVINDRAM	AB

Impact Analysis (Show the impact of the activity in SPPU examination)

- It's very helpful for innovation in Wireless Sensor Networks & Post Graduation.

Sr.No.	Seat Number	Name of Student	Marks in SPPU Exam out of 100
1	B150413001	AHER PRATIKSHA BAPU	67
2	B150413002	ANDHARE VRUNDA DHANANJAY	45
3	B150413003	ATHARE PRASHANT SHIVAJI	35
4	B150413004	BACHHAV DAMINI ASHOK	46
5	B150413005	BODAKE PRAJAKTA SURESH	49
6	B150413006	CHAVAN MANALI BAPURAO	62
7	B150413007	DARADE KIRAN KHANDU	58
8	B150413008	DUDANI SONU GOVINDRAM	50
9	B150413009	GHUGE YOGITA SANJAY	57
10	B150413010	GOYAT DURGA JAWAHLAL	66
11	B150413011	JADHAV GITANJALI BAPU	60
12	B150413012	KADAM HEMANT BALU	41
13	B150413013	KASWA RISHABH SANTOSH	53
14	B150413014	KAWALE SANDIP CHANDRAKANT	41
15	B150413015	KHAIRNAR MOKSHDA SURESH	67

16	B150413016	KHANGAL YOGESH SHIVAJI	64
17	B150413017	MENGANE PRATIKSHA BHAUSAHEB	44
18	B150413018	MURKUNDE ASHWINI DNYANESHWAR	40
19	B150413019	PAWAR KHUSHABU PRAKASH	61
20	B150413020	PAWAR MAYUR KAILAS	43
21	B150413021	PAWAR SHALAKA DEVIDAS	55
22	B150413022	PAWAR SUMIT RAMCHANDRA	61
23	B150413023	RAUNDAL HARSHADA BHAUSAHEB	71
24	B150413024	SHELKE RAKESH SURESH	58
25	B150413025	SHENDE AKASH SANJAY	73
26	B150413026	SHEWALE KAMLESH BHARAT	59
27	B150413027	SONAWANE DIVYA SANJAY	50
28	B150413028	TAMHANKAR SIDDHI SANTOSH	54

- **Activity Picture (Add picture of the activity if possible)**

The screenshot shows a Google Scholar search interface. The search query is "application of wireless sensor network". The search results are displayed in a list format. The first result is titled "[HTML] Applications of wireless sensor networks: an up-to-date survey" by D Kandris, C Nakas, D Vomvas, G Koulouras, published in Applied system innovation, 2020. The second result is "A survey of applications of wireless sensors and wireless sensor networks" by T Arampatzis, J Lygeros, from Proceedings of the 2005 IEEE International Conference on Systems, Man, and Cybernetics. The third result is "Applications of wireless sensor networks for urban areas: A survey" by B Rashid, MH Rehmani, from the Journal of network and computer applications, 2016. The fourth result is "Application of wireless sensor network to military information integration" by SM Diamond, MG Ceruti, from the 2007 5th IEEE International Conference on Systems, Man, and Cybernetics. The search results are filtered by "Articles" and show "About 18,40,000 results (0.11 sec)". The filters on the left include "Any time" (with options for Since 2024, 2023, 2020, and Custom range...), "Sort by relevance" (selected), "Sort by date", "Any type", "Review articles", "include patents", "include citations" (checked), and "Create alert" (checked).

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

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