



**SNJB**

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

Academic Year: 2021-22	Class: TE
Semester: II	Date: 7/5/2022

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

**Name of Faculty:** Prof. Thakare S.S.

**Subject:** Cellular Networks

**Objective:** To define the problem statement /related issues on Mobile Communications.

**Topic Covered through Activity:** 5G/6G

**Benefits:** Case study methodology useful to generate new innovation & research work in the 5G/6G

**The method:**

- Students go through Google scholar portal.
- Search reference paper particularly in 5G/6G
- Identify Problem statement & research methodology.
- Discuss in Class.

**Assessment Tools Rubrics:**

- **PPT Presentation**

**Evaluation Sheet:**

<b>Sr. No.</b>	<b>Candidate Name</b>	<b>Marks</b>
1	TASKAR SHUBHANGI KAUSHIK	P
2	ANARTHE SHRADHHA SAINATH	P
3	RAUNDAL GITANJALI SAHEBRAO	P
4	RAUT GAYATRI SANDIP	P
5	AHIRE ARTI BALU	P
6	SATPUTE KOMAL RAJESH	P
7	KULKARNI PRASAD PRAMOD	P
8	PAWAR SNEHAL SAKHARCHAND	P
9	PATIL NIRANJAN VALMIK	P
10	PAWAR KOMAL SANDIP	P
11	DUGDHE AISHWARYA VIJAY	P
12	SONAR YASH DATTATRAYA	P
13	PAWAR VIVEK PANDIT	P
14	DESALE ROSHANI SAMADHAN	P
15	NIKAM UMAKANT SANJAY	P
16	AHER VRUSHALI RAJENDRA	P
17	SHENDGE MONIKA GANESH	AB
18	TIWARI LAJIMA RAMPRATAP	AB
19	BANKAR ROHIT BHAURAO	AB

20	CHINCHORE PRATIK DEVIDAS	AB
21	WAGH POONAM DILIP	P
22	NIKAM NIKHIL NAGESH	P
23	PAGARE DIKSHA DINKAR	P
24	SONAWANE POOJA SHRAWAN	P
25	JADHAV POONAM BALASAHEB	P
26	DEORE KIRAN VIJAY	P
27	JADHAV SAGAR BAPU	P
28	BAWA ABHISHEK SAHEBRAO	P
29	SANAP VAISHNAVI SUSHIL	AB
30	Deore Pratima	AB
31	Amjad Pathan	AB

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

- It's very helpful for innovation in New trends in Mobile Communications like 5G/6G

Sr.No.	Seat Number	Name of Student	Marks in SPPU Exam out of 100
1	T190413001	AHER VRUSHALI RAJENDRA	23
2	T190413002	AHIRE ARTI BALU	9
3	T190413003	ANARTHE SHRADHHA SAINATH	40
4	T190413004	BANKAR ROHIT BHAURAO	
5	T190413005	BAWA ABHISHEK SAHEBRAO	40
6	T190413006	CHINCHORE PRATIK DEVIDAS	11
7	T190413007	DEORE KIRAN VIJAY	40
8	T190413008	DEORE PRATIMA POPATRAO	40
9	T190413009	DESALE ROSHANI SAMDHAN	40
10	T190413010	DUGDHE AISHWARYA VIJAY	40
11	T190413011	JADHAV SAGAR BAPU	40
12	T190413012	KULKARNI PRASAD PRAMOD	55
13	T190413013	NIKAM NIKHIL NAGESH	17

14	T190413014	NIKAM UMAKANT SANJAY	25
15	T190413015	PAGARE DIKSHA DINKAR	28
16	T190413016	PATHAN AMJAD SHARIF	
17	T190413017	PATIL NIRANJAN VALMIK	40
18	T190413018	PAWAR KOMAL SANDIP	56
19	T190413019	PAWAR SNEHAL SAKHARCHAND	40
20	T190413020	PAWAR VIVEK PANDIT	44
21	T190413021	POOJA SHRAWAN SONAWANE	49
22	T190413022	PUNAM BALASAHEB JADHAV	40
23	T190413023	RAUNDAL GITANJALI SAHEBRAO	28
24	T190413024	RAUT GAYATRI SANDIP	28
25	T190413025	SANAP VAISHNAVI SUSHIL	
26	T190413026	SATPUTE KOMAL RAJESH	55
27	T190413027	SHENDGE MONIKA GANESH	23
28	T190413028	SONAR YASH DATTATRAY	20
29	T190413029	TASKAR SHUBHANGI KAUSHIK	29
30	T190413030	TIWARI LAJIMA RAMPRATAP	5
31	T190413031	WAGH POONAM DILIP	42

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

The screenshot shows a Google Scholar search interface. The search query is "INNOVATION IN 5G -6G MOBILE COMMUNICATION". The results page shows "Articles" with "About 1,12,000 results (0.23 sec)".

**Filters:**

- Any time:** Since 2024, Since 2023, Since 2020, Custom range...
- Sort by relevance:** Sort by date
- Any type:** Review articles
- include patents
- include citations
- Create alert

**Search Results:**

- A study on innovation in university education: focusing on 5G mobile communication**  
 J Lee, D Kim - ... IEEE 17th Annual Consumer Communications & ..., 2020 - ieeexplore.ieee.org  
 Commercialization of 5G will enable transformation of university education. This study identifies five attributes (device type, learning place, learning content, learning field and expense ...  
 ☆ Save ⓘ Cite Cited by 14 Related articles All 2 versions
- Evolution and Innovation in 5G Cellular Communication System and Beyond: A Study** [PDF] arxiv.org  
 R Talukdar, M Saikia - arXiv preprint arXiv:1407.4335, 2014 - arxiv.org  
 ... 5G technology of mobile communication. Existing research work in mobile communication is related to 5G ... key provisions of 5G (Fifth Generation) technology of mobile communication, ...  
 ☆ Save ⓘ Cite Cited by 14 Related articles All 4 versions ⓘ
- [PDF] An innovation in Mobile Communication Technology** [PDF] researchgate.net  
 I Siddique, MZ Awan - International Journal of Research e-ISSN, 2018 - researchgate.net  
 ... of keeping the network simple as possible, and giving more functionalities to the end nodes, will become reality in the future generation of mobile networks, here stated to as 5G. ...  
 ☆ Save ⓘ Cite Cited by 2 Related articles All 3 versions ⓘ

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

[thakare.sscoe@snjb.org](mailto:thakare.sscoe@snjb.org) or [hodentccoe@snjb.org](mailto:hodentccoe@snjb.org)

**Subject In charge**

**Prof. Thakare S.S.**

**Module Coordinator**

**Prof. Thakare S.S.**

**HoD**

**Prof. Dr. Agrawal R K**