

	Name	Topic	
1.	Taivo Miller	Car remote control	
2.	FARIHA Afrin	Taltech Satellite Receiver Implementation	
3.	Dismas Ezechukwu	Taltech satellite receiver implementation	
4.	Erkan Ersoy	Taltech satellite receiver implementation	
5.	Caner Pehlivan	Taltech satellite receiver implementation	
6.	Ritu Rani	Taltech satellite receiver implementation	
7.	Khushboo Kumari	Taltech satellite receiver implementation	
8.	Haris Ahmed	Taltech Satellite Receiver Implementation	
9.	Nafisat Gyimah	Taltech Satellite Receiver Implementation	
10.	Aleksei Fjodorov	Application specific reception (ADS-B)	

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Taltech satellite topic main stages:

- Detection and filtering	
- Demodulator, decimation, and NRZL decoder	
- Search for the start sequence and synchro words	
- Descrambler	
- Bit stuffing	
- AX.25 frame reception	
- Data real time representation in GNURadio	
- 16-bit frame check sequence	

Examples:

a) <http://www.dk3wn.info/p/?p=33073>

b) https://www.researchgate.net/figure/GNU-Radio-flow-graph-for-AX25-reception_fig2_320165014